

Roland

Roland V-Drums Catalog 2009 Vol.2

# V-Drums



**New possibilities for drums,  
creativity begins here**

Explore a new world of sound and control.  
The drum kit redefined.  
Complete freedom of expression.  
Experience the revolutionary power of V-Drums.

In the quest to meet the needs of every drummer,  
Roland continues to strengthen and expand its award-winning line of V-Drums,  
while steadfastly adhering to the highest quality standards.

When you play V-Drums, you can feel and hear the quality.  
Experience a new world of expression, creativity, and inspiration that only V-Drums can offer.  
V-Drums have become the global standard for drummers of every style and skill level.



**Artists with V-Drums**



Peter Erskine



Daniel Erlandsson



Neil Peart



Travis Barker



Johnny Rabb



Gregg Bissonette



Thomas Lang



Omar Hakim



# V-Pro Series

## With Quality Improvements from Top to Bottom, the V-Pro Series Is Ready to Shine Onstage

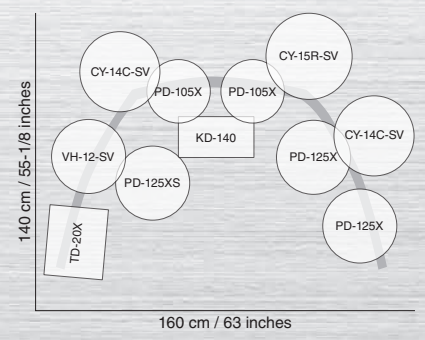
The new TD-20SX V-Pro series makes a full-impact impression onstage with its industrial brushed-metal\* V-Pads, enlarged V-Kick, silver-colored V-Cymbals, and rock-solid chrome drum rack. The TD-20SX drum module is loaded with hundreds of powerful and expressive sounds, and provides a newly integrated feature set that's based on Roland's famous TD-20 and TDW-20. Eye-catching looks, incredible sounds, and reinforced hardware make the TD-20SX a star on any stage.

\*Synthetic material with authentic brushed-metal appearance.

## V-Pro Series TD-20SX

**V-Pro Series TD-20SX Kit Configuration**

TD-20X	Percussion Sound Module	x 1
PD-125XS	V-Pad Snare	x 1
PD-105X	V-Pad	x 2
PD-125X	V-Pad	x 2
VH-12-SV	V-Hi-Hat	x 1
CY-14C-SV	V-Cymbal Crash	x 2
CY-15R-SV	V-Cymbal Ride	x 1
KD-140	V-Kick	x 1
MDS-25	Drum Stand	x 1



\*Select a snare stand that can accept a 12-inch diameter fixed snare.  
 \*A mesh material is used for the head of the KD-140. The use of plastic beaters is recommended because felt and wood beaters wear out quickly.



\*Snare stand, hi-hat stand and kick pedal not included and shown only for photography purposes.  
 \*Connection cables are partially hidden for photography purposes.

## Color Variation

The V-Pro series features a custom covering system that lets you easily change shell color by simply replacing shell wraps to the V-Pads (shell wraps sold separately). Roland will provide two optional shell wrap packages, metallic blue and metallic red.



\*Connection cables are partially hidden for photography purposes.



\*Connection cables are partially hidden for photography purposes.

### CV-20KX-BU Shell Wrap Package for TD-20KX

New custom finish package in blue brushed metal\*.

- [Contents]  
 ■ For PD-125X/125XS x 3  
 ■ For PD105X x 2 ■ For KD-140 x 1



### CV-20KX-RD Shell Wrap Package for TD-20KX

New custom finish package in red brushed metal\*.

- [Contents]  
 ■ For PD-125X/125XS x 3  
 ■ For PD105X x 2 ■ For KD-140 x 1



TD-20SX

\*Synthetic material with authentic brushed-metal appearance. CV-20KX contains shell-wrap only; V-Pad not included.

# V-Stage Series



TD-12SV-BK

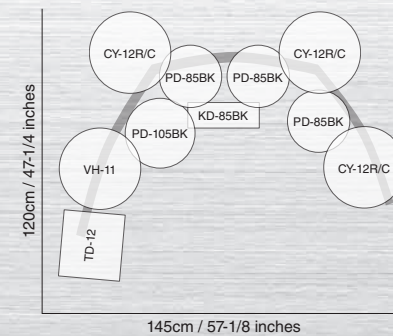
## Professional Quality in a Compact Kit

Great feeling, great sounding — the V-Stage Series TD-12SV makes the middle range of the V-Drums line feel like first class. With mesh V-Pads all the way around, the TD-12SV lets drummers experience the best-feeling pads in the business. The TD-12 percussion sound module share the same sound quality as the flagship TD-20.

### V-Stage Series TD-12SV-BK

#### V-Stage Series TD-12SV-BK

TD-12	Percussion Sound Module	X 1
PD-105BK	V-Pad (for Snare)	X 1
PD-85BK	V-Pad	X 3
VH-11	V-Hi-Hat	X 1
CY-12R/C	V-Cymbal Ride/Crash	X 3
KD-85BK	V-Kick	X 1
MDS-12BK	Drum Stand	X 1



\*A mesh material is used for the head of the KD-85BK. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.

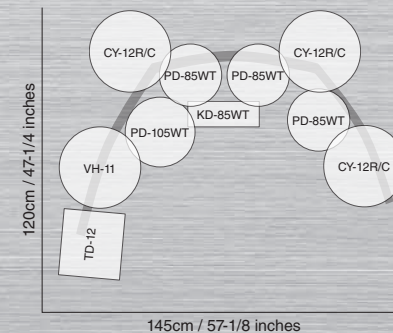


\*\*Hi-hat stand and kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

### V-Stage Series TD-12SV-WH

#### V-Stage Series TD-12SV-WH

TD-12	Percussion Sound Module	X 1
PD-105WT	V-Pad (for Snare)	X 1
PD-85WT	V-Pad	X 3
VH-11	V-Hi-Hat	X 1
CY-12R/C	V-Cymbal Ride/Crash	X 3
KD-85WT	V-Kick	X 1
MDS-12BK	Drum Stand	X 1



\*A mesh material is used for the head of the KD-85WT. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.



\*\*Hi-hat stand and kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

# V-Tour Series



TD-9SX

## Mid-Line Gets a First-Class Upgrade

For any type of gig, the V-Tour series enables the nuance of authentic drumming and more.

The TD-9 sound source delivers powerful, high-quality sound that cuts through the densest mixes. V-Tour kits also allow you to record and play along with backing songs and improve your drumming with Scope function. The sturdy MDS-9 drum stand provide the strength and flexibility to configure your kit exactly how you want it, and keep it firmly in place.

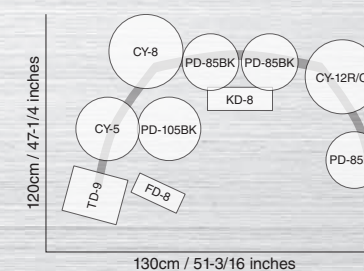
### V-Tour Series TD-9SX

The TD-9SX, with mesh-head V-Pads, is equipped many features of Roland's top-line models, including a 10-inch PD-105 snare and CY-12R/C V-Cymbal with three-way triggering.

#### V-Tour Series TD-9SX

TD-9	Percussion Sound Module	X 1
PD-105BK	V-Pad (for Snare)	X 1
PD-85BK	V-Pad	X 3
CY-12R/C	V-Cymbal Ride/Crash	X 1
CY-8	Cymbal Pad	X 1
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-9	Drum Stand	X 1

\*TD-9 supports the rim-triggering on the V-Pads (Mesh) for Toms and the 3 way-triggering with CY-12R/C for Ride.



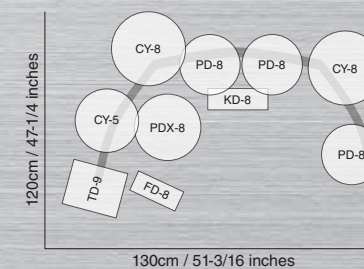
\*Kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

### V-Tour Series TD-9S

This popular kit features a 10-inch PDX-8 snare pad and PD-8 tom pad that responds beautifully to dynamics. The design of the TD-9 inspires expressive performance.

#### V-Tour Series TD-9S

TD-9	Percussion Sound Module	X 1
PDX-8	V-Pad (for Snare)	X 1
PD-8	Pad	X 3
CY-8	Cymbal Pad	X 2
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-9	Drum Stand	X 1



\*Kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

# V-Compact Series

## The V-Compact Series Has Rhythm-training Features to Improve Skills and Spark Creativity

The V-Compact series offers a variety of valuable built-in training functions, such as Quick Rec and Rhythm Coach for practicing at home and evaluating progress. Improve timing, speed, and endurance with this interactive and innovative approach to training. Learning has never been this fun.

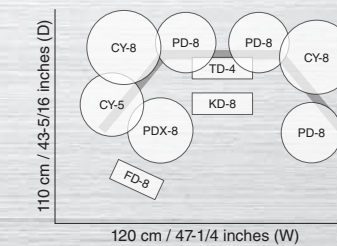
### V-Compact Series TD-4S

The PDX-8 V-Pad with 10" rim is an ideal snare pad. Its patented mesh-head design and enlarged surface lets drummers play comfortably and naturally at home or onstage.

#### V-Compact Series TD-4S

TD-4	Percussion Sound Module	X 1
PDX-8	V-Pad (for Snare)	X 1
PD-8*	Pad	X 3
CY-8	Cymbal Pad	X 2
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-4	Drum Stand	X 1

\*PD-8 is used as a single trigger pad for the TD-4.



\*Kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

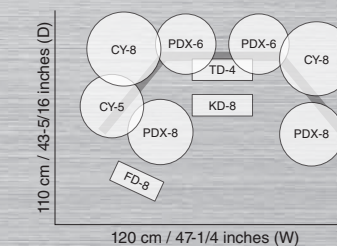
### V-Compact Series TD-4SX

The TD-4SX features V-Pads with a 10" rim for snare, floor-tom pad, and 8" rims for hi-toms. It's an entry-level kit yet has professional mesh heads for comfort and response.

#### V-Compact Series TD-4SX

TD-4	Percussion Sound Module	x 1
PDX-8	V-Pad (Snare, Tom 3)	x 2
PDX-6	V-Pad (Tom 1, Tom2)	x 2
CY-8	Cymbal Pad	x 2
CY-5	Cymbal Pad	x 1
KD-8	Kick Pad	x 1
FD-8	Hi-Hat Control Pedal	x 1
MDS-4	Drum Stand	x 1

\*V-Pads for toms are used as a single trigger pad for the TD-4.

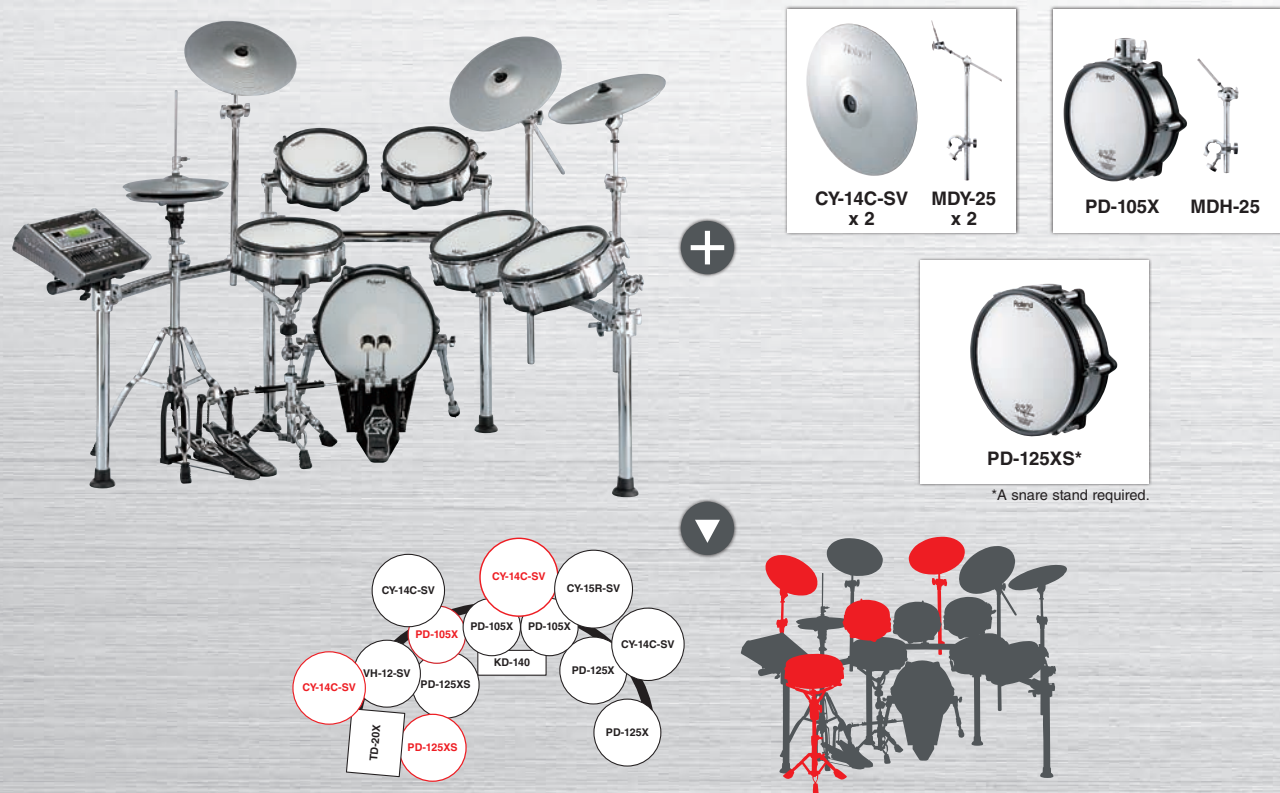


\*Kick pedal not included and shown only for photography purposes.  
\*Connection cables are partially hidden for photography purposes.

Options for Adding to V-Drum Kits

V-Pro Series **TD-20SX**

Expand the TD-20SX with two additional CY-14C-SV crash cymbals, PD-125XS second snare, and PD-105X high tom plus mounting hardware, as illustrated in the diagram.



V-Stage Series **TD-12SV**

Expand the TD-12SV with an additional CY-5 splash cymbal and PD-85BK tom plus mounting hardware, as illustrated in the diagram.



V-Tour Series **TD-9SX**

Expand the TD-9SX with an additional CY-8 crash cymbal and PD-85BK tom plus mounting hardware, as illustrated in the diagram.



V-Tour Series **TD-9S**

Expand the TD-9S with an additional CY-12R/C ride/crash cymbal and PD-8 tom plus mounting hardware, as illustrated in the diagram.



V-Compact Series **TD-4SX**

Expand the TD-4SX by replacing the ride cymbal to a CY-12R/C three-way triggering V-Cymbal. Also replace the hi-hat to a VH-11 V-Hi-Hat.



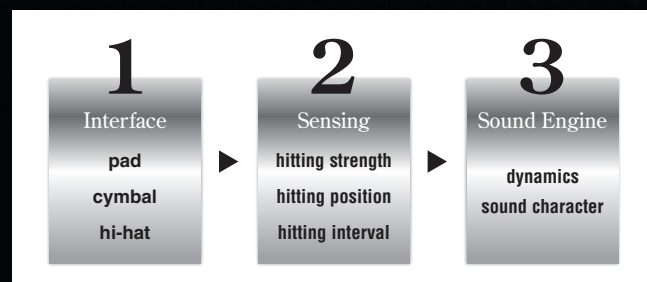
Creativity of V-Drums File No.1

# Percussion Sound Module

Since their debut over a decade ago, Roland V-Drums have become the most sought-after electronic percussion instruments in the world. Through bold innovation and constant evolution, Roland has refused to limit what an electronic drum can be. In the process, V-Drums have redefined the concept of drums as musical instruments. What has elevated the V-Drums to such a high level of refinement, and how do they meet the expectations of drummers? Here you can find out about Roland's developmental approach and accumulated know-how.

**Focus, innovation, dedication — Roland's commitment producing the finest and most innovative musical instruments**

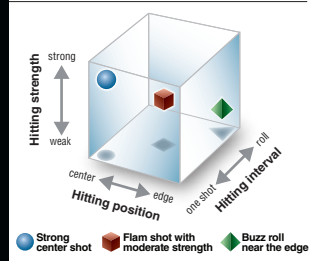
Our attention has constantly been focused on bringing the musical qualities of instruments to a higher level. Over the decades, we have remained committed to producing uncompromised musical instruments, and V-Drums have been a crowning achievement. To raise the overall power of V-Drums, we have focused on three key factors: (1) interface – V-Pads, V-Cymbals, V-Hi-Hat, etc.; (2) sensing – shot strength, positioning, accurate detection of impact; and (3) sound engine – expressiveness of the sound itself. With each element perfectly and delicately intertwined, and with priority given to providing a supreme playing experience for the drummer, V-Drums have become the undisputed world leader in electronic percussion.



**Dynamic interval control provides authentic and natural tonal change**

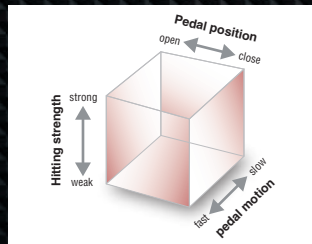
One of the TD-20X and TDW-20's outstanding features is its dynamic interval control, which enables smooth and natural tonal change. Every element that gives a different characteristic to your playing, such as stroke intervals in rolls, shot dynamics, flams, and pad strike positions, are instantly detected and simultaneously processed. Thanks to its immediate and intelligent response, the TD-20X makes you forget you're playing an electronic kit, and lets you focus on your performance.

**Dimensions of Expression**



**Significantly improved V-Hi-Hat dynamics and pedal response**

The excellent articulation of the V-Hi-Hat is another winning feature of the TD-20X and TDW-20. As well as greatly improved hi-hat dynamics and pedal position detection, it delivers a tremendous improvement in pedal response thanks to new pedal-motion detection that facilitates continual sound changes as the hi-hat moves from the closed to half-open positions.



**Sound quality that spec sheets can't convey**

Specifications such as memory capacity, bit depth, and sampling rate are useful and informative, but when it comes to V-Drums, the sound is on a higher plane than mere spec sheets can convey. Simply put, Roland creates electronic drums that are true musical instruments, and it all starts with meticulous attention to detail. From the very first recording sessions, our master engineers scrutinize every detail, from the player to the recording equipment to the studio itself. But beyond the technology at hand, they also listen for factors that don't exist on spec sheets. Their aim is quality sound that also strikes chords of feeling and emotion. It's technology with soul.

**A rich and wide variety of sounds**

The TD-20X combines the features of Roland's TD-20 and TDW-20 in one unit, with hundreds of expressive, dynamic sounds onboard, plus new ambience and the latest V-Edit including Kit Resonance.

**Amazing sounds on board the TD-20X**

<b>Acoustic</b>	From delicate to thunderous, the new acoustic drum sounds let you play with authentic dynamics. As well as popular sounds that span a wide range of recording and live situations, newly added sounds include stacked cymbals, 8-inch tom, and 10-inch snare drum.
<b>Vintage</b>	Faithful simulation of vintage drums that has colored the history of music, including unique and practical sounds.
<b>Processed/Electronic</b>	This set has been strengthened to match the needs of genres that use processed sounds. The electronic sounds come with dynamic pitch bending capabilities for adding distinctive touches to your drumming style.
<b>Percussion sounds</b>	A world of percussion instruments is at your fingertips, including congas, bongos, cajon, Japanese taiko, and dozens more.

**Stronger V-Edit capabilities, greater freedom to customize**

The TDW-20 upgrade is a substantial step up for the TD-20, which is already renowned for its editing capabilities. In addition to new parameters and enhanced variability, the TDW-20 offers other functions to maximize the expressive capabilities of the TD-20.

**Head Type/Tuning**

Here you can choose the type of drum head (such as clear, coated, and Pinstripe\*) and adjust the pitch. \*Pinstripe is a registered trademark of Remo Inc. U.S.A



**Shell Material/Depth**

Build your own snare drum with COSM-modeled shell material, such as wood, brass, and steel. The depth of the kick and toms can also be changed.



**Cymbal Size**

Here you can change the size of your cymbal from 1–40 inches.



**Muffling/Strainer Adjustment**

Add a "doughnut-style" muffler on the snare or a weighted-type muffler on the bass drum. The snare strainer can also be adjusted.



**Sizzle**

Add realistic sizzle to your cymbal with modeled rivets, a chain, or beads, and adjust the amount of sizzle. \*The TD-12 only has rivets.



**Enhanced and higher resolution ambience capabilities**

The TDW-20 offers fine detail of its high-resolution ambience effects, including 15 new types of rooms. The menu includes Booth, Studio, and other choices optimized for recording, to Concert Hall, Forum, and settings best suited to live performance. Bringing the total to six, three more types of Walls have been added, with adjustable wall-material choices. The onboard stereo effects provide outstanding spatial depth and richness.

**Snare Buzz/Kit Resonance**

When the bass drum is struck, the resonance of the entire drum kit is simulated. Add realistic snare drum buzz to give your kits more expression.



\*Only the TD-12 allows buzz to be switched on and off. \*TD-20X only

**Ambience Room Type**

Ambience is an effect that simulates the acoustics of the location in which you're performing. You can vary the effect that's applied by adjusting the size of the room, the material of the walls, and the position of the microphone.



**Improved user interface for ease of use and control**

Instant selective function of the Drum Kit Settings saved on a card, as well as the presets of TDW-20 and TD-20, without preloading. Strainer activation and deactivation, switching of effects, and other controls that can be operated by pad switches and footswitches have been added. Headphone out can now be used as monitor out.

**Mic Position**

Choose the placement of your virtual microphones.



**Output assignments/Master compressor**

Specify the output destination for each PAD, and use the onboard master compressor to add punch and power.



TDW-20 COSM

+

TD-20

=

TD-20X

**TDW-20 is an expansion board custom designed for the TD-20 sound module.**

By simply inserting the TDW-20 into the TD-20's expansion slot, you can upgrade your kit to a TD-20X in terms of the number of drum instruments and kits, and overall system performance.

Percussion Sound Module **TD-20X**

V-EDIT Interval Control Ambience Effect Multi Effects 6 Parts Sequencer 8 Direct Outputs

**COSM V-LINK**

**Flagship V-Drums Sound Module — A New Level of Performance and Quality**

The TD-20X is the flagship of the V-Drums series, setting a new standard for sound quality, expression, and realism. In perfect response to the drummer's technique, the TD-20X reacts to the precise force of a hit, the location of the stick hitting the head (including rim shots and cross-sticking), and the interval and tonal inflections between hits. The TD-20X's onboard drum and percussion library contains 920 different types of instruments, and its V-Edit function can be used to create 21,657,039 variations, enabling a universe of personalized instrument types and ambient environments.

**Professional Performance for the Studio and Stage**

All aspects of TD-20X have been designed for the demanding pro. With its group-fader feature, output assign, and dedicated headphone volume, the TD-20X offers drummers a wide range of options for studio and stage. It also comes with an advanced ambience function, compressors that can be individually configured for each pad, 3-band EQ, and 14 types of multi-effects. You can also use the master compressor and master EQ for entire kit.

**Excellent Expansion Options**

The TD-20X can be expanded via 15 trigger inputs for adding more pads. It also comes with eight direct outputs and a digital output that can be used for a variety of applications. You can also use a compact flash drive to store up to 99 TD-20X setups for easy management of your sound library and for trading sounds with other TD-20X users.



REAR PANEL



SPECIFICATIONS

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 920, Backing Instruments: 262 • **Drum Kits** 100 • **Drum Kit Chains** 16 chains (32 steps per chain) • **Instrument Parameters** V-EDIT (KICK): Shell Depth, Beater Type, Head Type, Head Tuning, Muffling, Snare Buzz, Mic Position, Mic Size, Kit Resonance, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, Mic Position, Add Rim Sound, Add Rim Sound Level, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, Mic Position, V-EDIT (HI-HAT): Cymbal Size, Add Sound, Add Sound Level, Mic Position, Fixed HI-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sizzle Amount, Sustain, Mic Position, EDIT: Pitch, Decay, Dynamic Bend, Bend Depth, Bend Time • **Ambience Parameters** Room Type (25 types), Room Size, Wall Type, Mic Position, Room Shape • **Mixer Parameters** Volume, Pan, Minimum Volume, Ambience Send Level, Multi-Effects Send Level, Output Assign • **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 13 types, Master Compressor, Master Equalizer, Reverb (for backing part), Chorus (for backing part) • **Percussion Sets** 8 • **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Type: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 Notes, Click Instruments: 20 • **Display** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Level Indicator (LED) • **Faders** 8 • **Preview Button** • **Connectors** Trigger Input Jack x 15, Hi-Hat Control Jack (VH series, FD series), Master Output Jacks (L/MONO, R), Direct Output Jack x 8, Digital Output Jack (COAXIAL type, 44.1 kHz / 24-bit), Headphones Jack (Stereo 1/4 inch phone type), Mix in Jack (Stereo 1/4 inch phone type), MIDI Connectors (IN, OUT/THRU), Foot Switch Jack (1/4 inch TRS phone type), CompactFlash Card Slot, AC Inlet • **Output Impedance** 1.0 k ohms • **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) • **Power Consumption** 16 W • **Dimensions** 307 (W) x 256 (D) x 105 (H) mm / 12-1/8 (W) x 10-1/8 (D) x 4-3/16 (H) inches • **Weight** 2.7 kg / 6 lbs • **Accessories** Owner's Manual, Power Cord

\*The TD-20X's file system is developed by Kyoto Software Research, Inc. Fugue ©2009 Kyoto Software Research, Inc. All rights reserved.



Percussion Sound Module **TD-12**

V-EDIT Interval Control Ambience Effect Multi Effects 6 Parts Sequencer 2 Direct Outputs

**COSM V-LINK**

**Unbeatable Sound**

With the same stunning sound quality as the flagship TD-20X, the TD-12 drum module provides hundreds of expressive instruments and play-along sequences in a streamlined, affordable package. Many of the sounds in the TD-12, from drums to cymbals, are COSM modeled for the ultimate in expression and realism. The module provides the same large, icon-based LCD as its big brother (TD-20X), and is housed in a road-tough, metallic black chassis with a friendly array of buttons, controls, and mix sliders. Twelve trigger inputs are provided, plus four audio outputs and MIDI I/O.

**Unrivaled V-Editing**

Enjoy the dozens of expert-programmed kits in the TD-12 — from authentic acoustic sets to ultra-modern electronic flavors. But the fun doesn't stop there; customize your snare drum, toms, bass drum, and cymbals with the modeling-based V-Editing. Change sizes and materials, attach sizzles to cymbals, add snare buzz, and more. Then get out your sticks and enjoy! The TD-12 supports positional sensing on the snare and ride, as well as on the toms when you play rimshots. The TD-12 is also brush compatible, and features the authentic Interval Control feature for the snare and ride/crash/china cymbal, which varies the sound in natural ways based on the speed of stroke repetition.

**Tap Into a New World of Style and Groove**

From rich studio kits to bombastic arena monsters, the TD-12 can deliver amazingly authentic drum and percussion sounds. Pop, rock, jazz, hip-hop, you name it — the TD-12 has you covered. But in addition to its acoustic-modeled kits, the TD-12 also offers a crop of edgy, fun, and experimental sets that have been created for unique, modern music creation. With an emphasis on fun, these kits are laced with colorful COSM processing, filter fluctuations, auto-roll effects, tap-sequence patterns, loop patterns, and more. Let the inspiration begin! And if you want to build your chops (or perhaps steal the show), fire off one of the 150 patterns built into the TD-12 and play along.



REAR PANEL



SPECIFICATIONS

• **Sound Generator** Variable Drum Modeling • **Maximum Polyphony** 64 Voices • **Instruments** Drum Instruments: 560 (172,161 variations), Backing Instruments: 262 • **Drum Kits** 50 • **Drum Kit Chains** 16 chains (32 steps per chain) • **Instrument Parameters** V-EDIT (KICK): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (HI-HAT): Cymbal Size, Fixed HI-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, EDIT: Pitch, Decay • **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape • **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign • **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 5 types, Reverb (for backing part) • **Percussion Sets** 8 • **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Types: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 notes, Click Sounds: 20 types • **Metronome Parameters** Time signature, Interval, Volume, Output select (Master and Phones/Phones only) Click Instruments=20 (Voice counting, Click, Cowbell, etc.) • **Tempo** 20—260 • **Display** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Indicator (LED) • **Controllers** Faders: 6, Preview Button (velocity: 3 steps) • **Connectors** Trigger Input Jack x 12, Hi-Hat Control Jack (for VH-12, VH-11 and FD-8), Master Output Jacks (L/MONO, R): 1/4 inch phone type, Direct Output Jacks (1, 2): 1/4 inch phone type, Headphones Jack: Stereo 1/4 inch phone type, Mix in Jack: Stereo 1/4 inch phone type, MIDI Connectors (IN, OUT/THRU), AC Inlet • **Output Impedance** 1.0 k ohms • **Power Supply** AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) • **Power Consumption** 13 W • **Dimensions** 260 (W) x 248 (D) x 108 (H) mm, 10-1/4 (W) x 9-13/16 (D) x 4-1/4 (H) inches • **Weight** 2.6 kg / 5 lbs 12 oz • **Accessories** Owner's Manual, Power Cord

Percussion Sound Module **TD-9**



**Experience the performance power of V-drumming**

Over 500 high-quality sounds are built into this impressive sound module. With the ability to customize snare tuning, muffling, cymbal size, sustain, and more, you can create your own personalized drum kits. Another great feature of the TD-9 is its ability to incorporate audio data in its 50 backing songs for realistic and inspiring playback. Enjoy practicing with backing songs sourced from first-class musicians. The Quick Rec/Play function is a great way to gauge your performance; a single button enables recording and playback of playing during minus-one accompaniment.

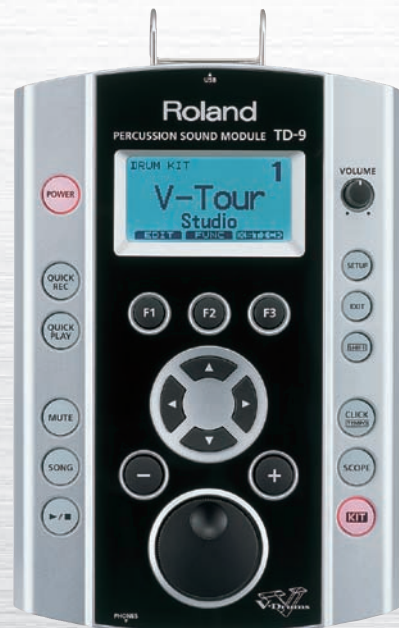
**Easy-to-use interface with Scope feature**

With its clean, friendly panel layout, the TD-9 is a breeze to use at home and onstage. In addition to its illuminated buttons, the stylish front panel contains a large and easily readable LCD that displays sound, tempo, and other vital information. When the Scope function is activated, the LCD graphically shows the timing of your performance. With both visual and aural reference, you can more effectively cultivate and maintain the rudimentary skills essential to drumming.

**Unique features that only V-Drums provide**

The TD-9 beautifully conveys the dynamics and nuance of your playing with features such as 3-way triggering on the V-Cymbal ride and support for rim shots on toms and snare. Other features enhance performance, such as the USB connector, which lets you incorporate audio data (wav files) — great for “one-man-band type” performances. You can also use the USB port to save data externally. The TD-9 is equipped with a metronome function and a Mix input to enable practice with songs from CD or digital-audio players. Inputs are also provided for adding pads and triggers\* for a personalized setup.

\*While the TD-9 uses a dedicated pad-input connector cable, there are also separate expansion jacks for two other trigger-input types (CRASH2, AUX).



TOP PANEL



SIDE PANEL



**SPECIFICATIONS**

• **Instruments** Drum Instruments: 522 • **Drum Kits** 50 • **Instrument Parameters** KICK: Head Tuning, Muffling, SNARE: Head Tuning, Muffling, TOM: Head Tuning, Muffling, HI-HAT: Cymbal Size, Fixed Hi-Hat, CYMBAL: Cymbal Size, Sustain, Others: Pitch, Decay • **Effect Types** Ambience (9 Types), 2-Band Equalizer • **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape • **Mixer Parameters** Volume, Pan • **Percussion Set 1** • **Song** Preset Songs: 50, Parts: 4, Play Functions: One shot, Loop, Repeat, Tempo: 20-300 • **Quick Rec** Resolution: 480 ticks per quarter note, Recording Method: Real-time, Maximum Note Storage: approx. 32,000 Notes • **File Format** Audio File: WAV • **Display** 64 x 128 dots Graphic Type LCD (backlit LCD) • **Connectors** Trigger Input connector (DB-25 type), (Kick, Snare, Tom1, Tom2, Tom3, Hi-Hat, Crash1, Ride, Ride Bell, Hi-Hat Control), Extra Trigger Input Jacks: 2 (CRASH2, AUX) (Stereo 1/4 inch phone type), Output Jacks (L (MONO), R) (Stereo 1/4 inch phone type), Phones Jack (Stereo 1/4 inch phone type), Mix in Jack (stereo miniature phone type), MIDI Connectors (IN, OUT/THRU), USB Connector (for USB Memory) • **Output Impedance** 1.0 k ohms • **Power Supply** AC Adaptor (DC 9 V) • **Current Draw** 500 mA • **Dimensions** 160 (W) x 88.5 (D) x 259.5 (H) mm / 6-5/16 (W) x 3-1/2 (D) x 10-1/4 (H) inches • **Weight** 850 g / 1 lb 14 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, Quick Start Guide, AC Adaptor (PSB-1U), Special Connection Cable, Wing Bolt (M5 x 10) x 2, Sound Module Mounting Plate

Percussion Sound Module **TD-4**



**Custom Controls**

Drum sounds onboard the TD-4 can be customized to suit your personal style. Just like with a real acoustic drum set, the TD-4's kick, snare, and toms can be tuned up or down quickly across a wide range. The amount of muffling can be user-customized as well, from '70s-style choked funk to open-cannon stadium rock.

**Coach Mode**

The TD-4 is equipped with Roland's acclaimed Coach Mode, which helps you build speed, stamina, and accuracy. Five skill-building exercises are onboard, including the new Warm Ups that let you practice different exercises consecutively for 5, 10, or 15 minutes. The new Tempo Check also helps you keep consistent time by lowering the metronome volume when you are playing accurately, and raising the click volume when you are playing out of time.

**Quick REC**

The TD-4's "Quick REC" feature lets you immediately record and play back your performance. It's a great tool for listening objectively to what you've played, and charting your progress. And don't forget the TD-4's built-in metronome for keeping yourself in perfect time.



REAR PANEL

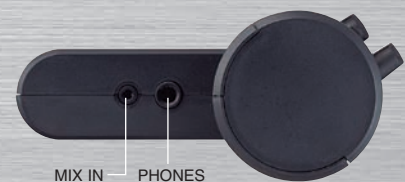


D-Sub connector OUTPUT

SIDE PANEL



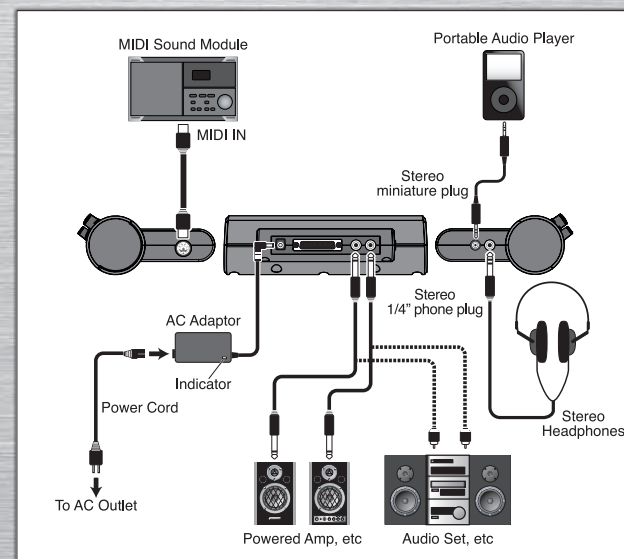
MIDI OUT



MIX IN PHONES

**SPECIFICATIONS**

• **Drum Instruments** 125 • **Drum Kits** 25 • **Instrument Parameters** KICK, SNARE, TOM, PERC: Tuning, Muffling • **Mixer Parameters** Pad Volume, Pan, Kit Volume, Cross Stick Volume • **Ambience Types** 9 • **Coach Mode** Warm Ups, Time Check, Tempo Check, Quiet Count, Auto Up/Down • **Quick Rec** Resolution: 96 ticks per quarter note, Recording Method: Real-time, Maximum Note Storage: approx. 9,000 Notes • **Display** Custom (backlit LCD) • **Connectors** Trigger Input connector (DB-25 type), (Kick, Snare, Tom1, Tom2, Tom3, Hi-Hat, Crash1, Crash2, Ride, Hi-Hat Control), Output Jacks (L (MONO), R) (Stereo 1/4 inch phone type), Phones Jack (Stereo 1/4 inch phone type), Mix in Jack (stereo miniature phone type), MIDI OUT Connector • **Output Impedance** 1.0 k Ω • **Power Supply** AC Adaptor (DC 9 V) • **Current Draw** 500 mA • **Dimensions** 224.0 (W) x 151.1 (D) x 65.1 (H) mm / 8-7/8 (W) x 6 (D) x 2-9/16 (H) inches • **Weight** 477 g / 1 lb 1 oz (excluding AC Adaptor) • **Accessories** Owner's Manual, AC Adaptor (PSB-1U), Special Connection Cable, Wing Bolt (M5 x 10) x 2, Sound Module Mounting Plate • **Options** Pads (PD-8, PDX-8, PD-85, PD-105, PD-125), Cymbals (CY-5, CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-8, KD-85, KD-120), Hi-Hats (VH-11), Hi-Hat Control Pedal (FD-8), Stand (MDS-4), Cymbal Mount (MDY-10U), Pad Mount (MDH-10U), Acoustic Drum Trigger (RT-10K, RT-10S, RT-10T), Personal Drum Monitor: PM-10, PM-30, V-Drums Accessory Package: DAP-3, V-Drums Mat (TDM-20/TDM-10)



Which V-Drums Sound Module is Best For You?

Percussion Sound Module **TD-4**

Coach	Quick Rec	Ambience Effect	USB
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Drum Instruments	125
Drum Kits	25
Preset Songs	—
Trigger Input	8+1
V-EDIT	—
Practice Functions	Coach (Variations: 5)
Interval Control	—
Metronome Sound	8
Group Faders	—
Digital Out	—
V-Hi-Hat Compatibility	VH-11 (Option)
Multi-Effects	—
Quick Rec	○
Data Storage	MIDI



**V-Compact Series TD-4S**

TD-4	Percussion Sound Module	X 1
PDX-8	V-Pad (for Snare)	X 1
PD-8*	Pad	X 3
CY-8	Cymbal Pad	X 2
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-4	Drum Stand	X 1

\*PD-8 is used as a single trigger pad for the TD-4.



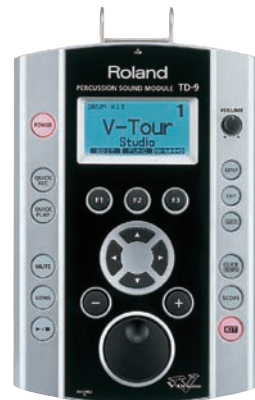
**V-Compact Series TD-4SX**

TD-4	Percussion Sound Module	x 1
PDX-8	V-Pad	x 2
PDX-6	V-Pad	x 2
CY-8	Cymbal Pad	x 2
CY-5	Cymbal Pad	x 1
KD-8	Kick Pad	x 1
FD-8	Hi-Hat Control Pedal	x 1
MDS-4	Drum Stand	x 1

\*V-Pads for toms are used as a single trigger pad for the TD-4.

Percussion Sound Module **TD-9**

Quick Rec/Play	Scope	Ambience Effect	USB
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Drum Instruments	522
Drum Kits	50
Preset Songs	50
Trigger Input	8+2
V-EDIT	—
Practice Functions	Scope
Interval Control	—
Metronome Sound	15
Group Faders	—
Digital Out	—
V-Hi-Hat Compatibility	VH-11 (Option)
Multi-Effects	—
Quick Rec	○
Data Storage	USB Key



**V-Tour Series TD-9SX**

TD-9	Percussion Sound Module	X 1
PD-105BK	V-Pad (for Snare)	X 1
PD-85BK	V-Pad	X 3
CY-12R/C	V-Cymbal Ride/Crash	X 1
CY-8	Cymbal Pad	X 1
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-9	Drum Stand	X 1



**V-Tour Series TD-9S**

TD-9	Percussion Sound Module	X 1
PDX-8	V-Pad (for Snare)	X 1
PD-8	Pad	X 3
CY-8	Cymbal Pad	X 2
CY-5	Cymbal Pad	X 1
KD-8	Kick Pad	X 1
FD-8	Hi-Hat Control Pedal	X 1
MDS-9	Drum Stand	X 1

Percussion Sound Module **TD-12**

V-EDIT	Interval Control	Ambience Effect	Multi Effects	6 Parts Sequencer	2 Direct Outputs
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Drum Instruments	560
Drum Kits	50
Preset Songs	150
Trigger Input	11
V-EDIT	○
Practice Functions	—
Interval Control	○
Metronome Sound	20
Group Faders	6
Digital Out	—
V-Hi-Hat Compatibility	VH-12/11
Multi-Effects	5
Quick Rec	—
Data Storage	MIDI



**V-Stage Series TD-12SV-BK**

TD-12	Percussion Sound Module	X 1
PD-105BK	V-Pad (for Snare)	X 1
PD-85BK	V-Pad	X 3
VH-11	V-Hi-Hat	X 1
CY-12R/C	V-Cymbal Ride/Crash	X 3
KD-85BK	V-Kick	X 1
MDS-12BK	Drum Stand	X 1



**V-Stage Series TD-12SV-WH**

TD-12	Percussion Sound Module	X 1
PD-105WT	V-Pad (for Snare)	X 1
PD-85WT	V-Pad	X 3
VH-11	V-Hi-Hat	X 1
CY-12R/C	V-Cymbal Ride/Crash	X 3
KD-85WT	V-Kick	X 1
MDS-12BK	Drum Stand	X 1

Percussion Sound Module **TD-20X**

V-EDIT	Interval Control	Ambience Effect	Multi Effects	6 Parts Sequencer	8 Direct Outputs
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Drum Instruments	920
Drum Kits	100
Preset Songs	150
Trigger Input	15
V-EDIT	○
Practice Functions	—
Interval Control	○
Metronome Sound	20
Group Faders	8
Digital Out	○
V-Hi-Hat Compatibility	VH-12-SV/12/11
Multi-Effects	13
Quick Rec	—
Data Storage	CF/MIDI



**V-Pro Series TD-20SX Kit Configuration**

TD-20X	Percussion Sound Module	x 1
PD-125XS	V-Pad (Snare)	x 1
PD-105X	V-Pad	x 2
PD-125X	V-Pad	x 2
VH-12-SV	V-Hi-Hat	x 1
CY-14C-SV	V-Cymbal Crash	x 2
CY-15R-SV	V-Cymbal Ride	x 1
KD-140	V-Kick	x 1
MDS-25	Drum Stand (Option)	x 1

Creativity of V-Drums File No.2

# V-Pad & V-Kick

### Patented mesh head.

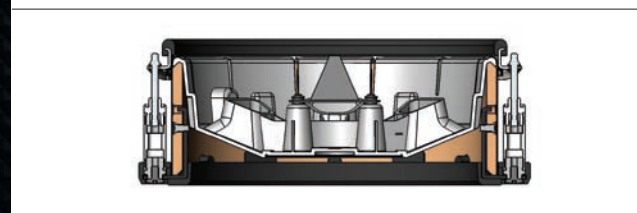
The V-Drums' patented mesh heads, co-developed with Remo Inc. (USA), have become a symbol of superiority. Development of the head was inspired by mesh material used in athletic trampolines. Ever since, through new refinements such as the overlaying of two mesh layers, these heads have been delivering both excellent feel, durability, and superb sound damping performance. These heads have changed the history of electronic drums.



### Advanced V-Pad Sensor Construction Captures Impact Strength, Stick Position, and Stroke Interval

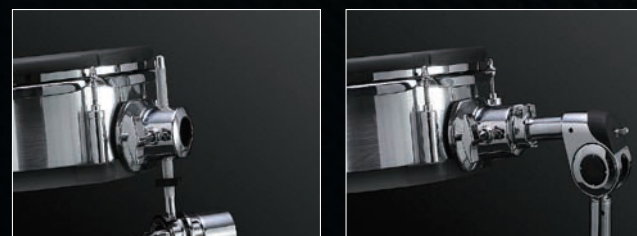
Roland's proprietary V-Pad sensors are an engineering marvel. They detect the slightest nuances of a performance, and transmit precise performance data to the module. In addition, a radial sensor-frame detects hits near the hoop and interacts with the center sensor in a uniform fashion. This allows the sensor to precisely sense performance information during rim shots and cross-stick performances.

Figure of V-Pad structure (PD-125XS, PD-125X, PD-105X)



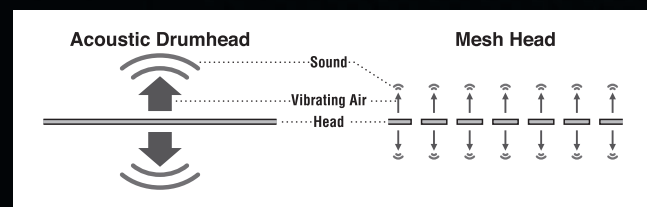
### Dual Mount option for Increased Versatility

The PD-125X and 105X have dual mount option that enable to two styles of mounts to be used. This allows you to use vertical rod stands in Roland's MDS series as well as horizontal pipe systems used in other commercially available tom stands. This gives you a broader range of options including the use of other system hardware for your V-Drums setup as well as incorporating V-Pads into your acoustic drum kit.



### Acoustically quiet for the ultimate private practice.

With their patented mesh heads and rubber-coated rims, the V-Pads and V-Kick trigger pads provide exceptional sound damping performance so you can practice at home without disturbing others.



### Mesh heads delivers natural feel and comfort.

Sound damping was not the only feature that we pursued in the development of our mesh heads. In order to express the subtle nuances of a performance, we examined a broad range of materials and playing types, in the process making improvements to the material and its thickness, among other factors. These heads are a product of exhaustive research and development in Roland Percussion Product Design Department.

### Rock-solid Metal Frame for V-Kick



Rubber



Spike

The KD-140 is a one-piece metal frame that provides pro-grade stability during performances. The tips of the legs can be switched between spikes and rubber stoppers to accommodate a variety of floor surfaces. The pedal plate has been improved so you can securely attach a variety of kick pedals, including double pedals.

### Large-diameter V-Kick Pad Looks and Feels Great

The KD-140's oversized pad is perfect for twin-pedal performances and other power-packed poundings, with the V-Drums know-how. The unique shape of the inside cushion provides an extra-wide dynamic response, ranging from gentle to powerful impacts.



### CV-20KX-BU Shell Wrap Package for TD-20KX

New custom finish package in blue brushed metal



[Contents]

- Covers for PD-125X/125XS x 3
- Covers for PD-105X x 2
- Cover for KD-140 x 1



### CV-20KX-RD Shell Wrap Package for TD-20KX

New custom finish package in red brushed metal



[Contents]

- Covers for PD-125X/125XS x 3
- Covers for PD-105X x 2
- Cover for KD-140 x 1



### Changing shell color is as easy as replacing drumheads.

The V-Drums custom covering system lets you change the look of your kit with ease. The new V-Pad lugs are separated from the shell in a new configuration, which allows you to replace shell wrap with the ease of replacing drumheads.

### Replace the V-Pad cover sheets (PD-125X, 125XS and 105X):

#### 1 Preparation

Remove the tuning bolts, hoop, head, and frame. Next, loosen the screw with a Phillips-head screwdriver.



#### 2 Remove the covering

Pull the fastening clips upward and remove the covering.



#### 3 Attach the new covering

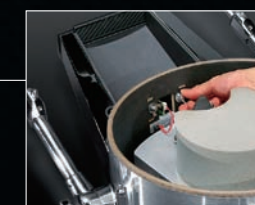
Insert a new covering and make sure there's no slack.



### Replace the V-Kick cover sheet (KD-140):

#### 1 Preparation

Remove the tuning bolts, hoop, and head. Loosen the two wing bolts.



#### 2 Replace the covering

Replace the covering and make sure there's no slack. Reattach all the other parts and you're done!



[Compatible Size of Covers]

- For PD-125XS/PD-125X mm: 77(H) x 927(W) x 1(D), inches: 3-1/16(H) x 36-1/2(W) x 1/16(D)
- For PD-105X mm: 77(H) x 767(W) x 1(D), inches: 3-1/16(H) x 30-1/4(W) x 1/16(D)
- For KD-140 mm: 120(H) x 1,040(W) x 1(D), inches: 4-3/4(H) x 41(W) x 1/16(D)

V-Pad PD-125XS / PD-125X / PD-105X



PD-125XS



PD-125X



PD-125XS



PD-105X

V-Pads — Sophisticated Style and Perfect Performance

The silver metallic V-Pads are dressed to impress. Shine onstage with silver or customize the look with replaceable covers in metallic red or blue (sold separately). Since the newly constructed lugs float independently from the shell, the covers can be changed as easily as a drumhead. For the ultimate in performance, the patented mesh head, provides a natural feel and excellent sound damping. V-Pads can also sense position, which allows natural tonal

change depending on where on the head you hit -- this includes rim shots and brush performances\*. The PD105X (10") is designed as toms and come with a two-way mount holder; PD-125XS (12") is designed for snare use. \*TD-9 and TD-4 modules do not support positional sensing and brush performances.

\*TD-9 and TD-4 modules do not support positional sensing and brush performances.

Mesh Replacement Heads MH-12/10/8

Patented V-Drums Mesh Heads

These replacement mesh heads (developed in partnership with REMO USA) are designed to perfectly fit Roland's full range of V-Pads. \*Available as replacement parts.



V-Pad PD-125BK / PD-125WT / PD-105BK / PD-105WT



PD-125BK



PD-125WT



PD-105BK



PD-105WT

Our Most Sensitive V-Pads Ever!

How do you improve upon the world's most popular electronic percussion pads? Start by designing a sensor mechanism for more accurate triggering, and then give 'em a cool black or white finish! The 12-inch PD-125BK/PD-125WT and 10-inch PD-105BK/PD-105WT mesh V-Pads

both feature Roland's latest dual-triggering technology, resulting in more even and accurate sensing between the head and rim. They are also the first V-Pads with rimshot capabilities on the toms — including the actual "rim click" sound\*. \*Rim triggering on toms requires TD-20X, TD-12 or TD-9 Percussion Sound Module.

V-Pad PD-85BK / PD-85WT

Rimshot-Ready Mesh Pads

The 8" dual-zone V-Pads feature Roland's latest dual-triggering technology, resulting in more consistent and accurate sensing between the head and rim. Built tank-tough and ready to take a pounding, these pads are available in black or white finishes with chrome brackets. When used as tom-toms for the TD-20X and TD-12 sound modules, the pads let you play rimshots, and the sound will change depending on the strength of your stroke.



PD-85BK



PD-85WT

V-Pad PDX-8

Improved V-Pad for Snare

Roland's mesh V-Pad (PDX-8) offers an expanded 10-inch rim and wider playing area. It separates head and rim triggering for authentic performance.



Pad PD-8

The Rock-Solid, Fast-Action Pad

This durable 8.5 inch rubber pad offers super-accurate triggering and a time-tested design for years of reliable use. The PD-8's dual-trigger capabilities make it perfect for triggering rimshots on the toms or bow/edge sounds on the hi-hat when used with the Roland TD-series percussion modules\*.

\*The TD-4 does not support rim triggering on the toms.



V-Kick **KD-140**



**Oversized V-Kick with Reinforced Hardware**

Equipped with a 14" mesh head, the V-Kick offers a substantial look and a great feel. The single-piece metal frame and spiked legs have been designed for structural rigidity and improved stability. It can handle the most demanding footwork, including powerful twin-pedal playing. Equipped with the same mesh head used on V-Pads, the V-Kick not only provides an excellent feel, it accurately senses a wide range of dynamics,

from gentle to jackhammer, and fully exploits the capabilities of the V-Drums sound module. It also has a new and sophisticated look; its front head is combined with a refined-yet-solid chrome-plated hoop for a formidable stage presence.

\*A mesh material is used for the head of the KD-140. The use of plastic beaters is recommended because felt and wad beaters wear out quickly.

V-Kick **KD-120BK / KD-120WT**



**Natural Triggering with Double Pedal Support**

Roland's time-tested KD-120 V-Kick Trigger Pad, is available in black or white finishes to complement the rest of the pads. The 12" V-Kick Trigger Pad offers fast, natural kick-drum triggering, and is compatible with double-bass pedals (sold separately).

V-Kick **KD-85BK / KD-85WT**

**A Rock-Solid Foundation**

Sink your beater into this solid, great-feeling mesh kick pad — available in black or white finishes. It offers improved pad cushioning for a better feel, and can accommodate double bass pedals (sold separately). Torture-tested for quality assurance, this pad has the stamina and stability to handle the toughest poundings.



Kick Pad **KD-8**

**Slim-Line Pedal that Feels Great**

The KD-8 Kick Trigger Pad's sturdy, vertical design gives drummers a better feel and solid, accurate triggering. The upright KD-8 can even accommodate double bass pedals (sold separately) — perfect for drummers who want to create complex rhythms. A convenient folding front leg makes transportation easy.



Kick Trigger Unit **KD-7**

**Responsive Kick Triggering for Any Percussion Setup**

The KD-8 Kick Trigger Pad's sturdy, vertical design gives drummers a better feel and solid, accurate triggering. The upright KD-8 can even accommodate double bass pedals (sold separately) — perfect for drummers who want to create complex rhythms. A convenient folding front leg makes transportation easy.



Hi-Hat Control Pedal **FD-8**

**Perfect for Compact Kits and Roland Percussion Pads**

Thanks to Roland's FD-8 Hi-Hat Controller, drummers can get realistic hi-hat sounds with smooth transitions between open and closed. The updated look makes the FD-8 fit perfectly with the striking look of the V-Tour and V-Compact Series.



■ Comparison chart of pad function \* Possible when use with the TD-20X/12.

Model	Size	Color	Head	Mount	Replaceable Covering System	Rim Shot	Positional Sensing	Rim Shots Response
PD-125XS	12 inches	Silver brushed metal	Mesh	can be used with a snare stand	○	○	○*	○*
PD-125X	12 inches	Silver brushed metal	Mesh	Dual mount holder	○	○	○*	○*
PD-105X	10 inches	Silver brushed metal	Mesh	Dual mount holder	○	○	○*	○*
PD-125BK/WT	12 inches	Black/White	Mesh	Vertical Rod	—	○	○*	○*
PD-105BK/WT	10 inches	Black/White	Mesh	Vertical Rod	—	○	○*	○*
PD-85BK/WT	8 inches	Black/White	Mesh	Vertical Rod	—	○	○*	○*
PDX-8	8 inches	Black	Mesh	Vertical Rod	—	○	—	—
PD-8	8.5 inches	Black	Rubber	Vertical Rod	—	○	○*	—

■ Comparison chart of kick pad function

Model	Size	Color	Head	Twin pedal	Replaceable Covering System
KD-140	14 inches	Silver brushed metal	Mesh	○	○
KD-120BK/WT	12 inches	Black/White	Mesh	○	—
KD-85BK/WT	8 inches	Black/White	Mesh	○	—
KD-8	—	Black	Rubber	○	—
KD-7	—	Black	Rubber	—	—

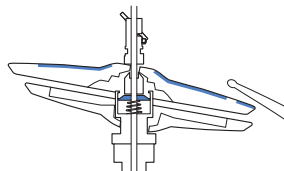
Creativity of V-Drums File No.3

V-Hi-Hat

Advanced Sensor Technology for Ultimate Realism **VH-12**

In creating the world's finest modeled hi-hat, Roland embarked upon a time-intensive mission to create a virtual hi-hat that would perform like the real thing. The winning formula features three different types of sensors on the top of the cymbal's bow, the edge, and in the center of the bottom cymbal where it detects the foot pedal movements. Sophisticated triggering data, such as the distance between the top and bottom cymbals, are detected by having the three sensors working perfectly in sync. The end result is amazing playability and realism, with the same nuances and tonal coloration of an acoustic hi-hat.

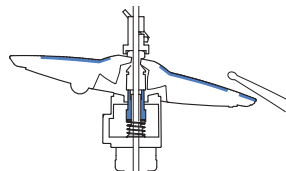
VH-12 Sensors [highlighted in blue]



VH-12 Technology in a Compact, One-Piece Format **VH-11**

Derived from the groundbreaking VH-12 hi-hat, Roland's VH-11 combines two hi-hat cymbals into one with an ingenious one-piece floating design. Amazingly, it performs like a real hat, and provides a realistic up/down pedaled response thanks to the stationary base mounted below the cymbal pad. With the combination of two sensors on the bow and edge, plus a motion sensor unit mounted in the center, subtle nuances (including foot movement) can be achieved. The one-piece design makes for easy setup on conventional hi-hat stands.

VH-11 Sensors [highlighted in blue]



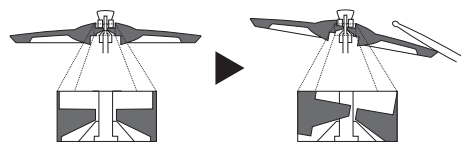
Creativity of V-Drums File No.4

V-Cymbal

Quest For the Perfect V-Cymbal

Developing the ultimate electronic cymbal required the Roland design to create numerous prototypes comprised of a wide range of materials. After extensive research, the team arrived at the perfect combination of internal and exterior materials that are durable and can properly simulate the resistance and swing amount that drummer's feel when an acoustic cymbal is struck.

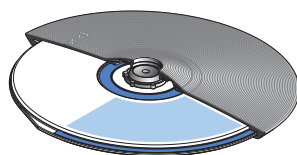
Swing Mechanism of V-Cymbals



The Technology Within

What may look like a simple rubber/plastic disc is actually a sophisticated slice of cutting-edge technology. Inside the V-Cymbal's bell and edge is a thin film-like sensor that lies beneath the rubber playing surface. The sensors detect sticking position, velocity, and edge pressure (for cymbal choking). This complex detection and calculation happens instantly, providing drummers with a realistic and accurate playing experience. A small but important Roland design principle is that the cymbals are not completely round, which minimizes vibration that can cause mis-triggering.

V-Cymbal Explained (CY-15R)



\* V-Cymbal Technology for use under one or more of U.S. Pat. Nos. 6,632,989 / 6,881,885 U.S. Patent Pending

Creativity of V-Drums File No.5

Drum Stand

System Hardware Reflects the New V-Drums Look and Power

Every detail of the new V-Drums kit has been analyzed and enhanced, including the hardware. The MDS-25, which supports the entire V-Pro series, is the new flagship drum rack. It features an attractive chrome finish, improved stability with a lower center of gravity, and enhanced flexibility, which enables a broad range of setup styles.



Newly Developed Aluminum Die-cast Clamps Improve Grip

The clamps that hold the pads and cymbals in place have been designed to improve the retention of your settings. The aluminum die-cast clamps used in MDS-25 incorporate a nylon sleeve that connects to the pipe for a stronger grip and scratch prevention.



Memory-lock Security and Convenience

A convenient component of the MDS-25 is a memory lock on its two front holders for consistent setup and added grip. In addition, the newly designed rubber feet improve the stability of the overall stand as well as prevent unwanted slipping.



Cables are Routed Through the Stand's Pipes

The MDS-25 and MDS-12BK feature "cable-inside-pipe" construction that eliminates the hassle and mess associated with traditional cable setups. The jacks are conveniently labeled for easy connection, and the outlets on the holders have been enlarged and outfitted with rubber sleeves for cable protection.



Enhanced Cymbal-mount Flexibility

The MDS-25 and MDS-9 incorporate a ball-clamp system that lets you easily change angles for creating the ideal setup. With the MDS-25's cymbal mounts, you can insert the boom arm into the pipe to transform the stand from boom to straight. You can also mount cymbals on tom holders for added flexibility.



V-Hi-Hat **VH-12-SV / VH-12**



**Subtle and Dynamic Hi-hat Performance**

The V-Hi-Hat consists of top and bottom cymbals, and can be mounted on commercially available hi-hat stands. Its action and playing feel are extremely natural. Used in combination with the V-Drums TD-20X or TD-12 sound module, the V-Hi-Hat lets you play the bow or edge just as

you would an acoustic hi-hat. You can also add nuance depending on how hard you step on the pedal, as well as use pedal techniques such as foot splashes. The V-Hi-Hat is available in silver or black.

V-Hi-Hat **VH-11**

**Realistic Feel, Streamlined Design**

With eyes closed, drummers will think they're playing a regular two-piece hi-hat. But examine the innovative VH-11 floating hi-hat, and you'll see that it's actually comprised of one floating cymbal pad atop a fixed lower base. Great for fast setup and easy transport, the VH-11 mounts on conventional hi-hat stands, and provides a similar playing feel to a 2-piece hi-hat. The VH-11 is fully compatible with Roland's TD-20X, TD-20, TD-12, TD-9, and can be used with the TD-10 w/TDW-1, TD-8, TD-6V, TD-6, and TD-4.



■ **Comparison of Hi-Hat Features** \* Possible when use with the TD-20X/12.

Model	Size	Color	Trigger output	Mount	Open/Close	Pressure	Foot Splash Sens
VH-12-SV	12 inches	Silver brushed metal	Bow/Edge	Use with Hi-Hat stand	○*	○*	○*
VH-12	12 inches	Black	Bow/Edge	Use with Hi-Hat stand	○*	○*	○*
VH-11	12 inches	Black	Bow/Edge	Use with Hi-Hat stand	○	—	○
CY-5(FD-8)	10 inches	Black	Bow/Edge	Use with Pad Mount	○	—	○

■ **Comparison of Cymbal Features** \* Possible when use with the TD-20X/12.

Model	Size	Color	Trigger output	Three-way Trigger	Choke Play	Position Sensing
CY-15R-SV	15 inches	Silver brushed metal	Bow/Bell, Bow/Edge *	○	○	○*
CY-15R	15 inches	Black	Bow/Bell, Bow/Edge *	○	○	○*
CY-14C-SV	14 inches	Silver brushed metal	Bow/Edge	—	○	—
CY-14C	14 inches	Black	Bow/Edge	—	○	—
CY-12R/C	12 inches	Black	Bow/Bell, Bow/Edge *	○	○	○*
CY-8	12 inches	Black	Bow/Edge	—	○	—
CY-5	10 inches	Black	Bow/Edge	—	○	—

V-Cymbal Ride **CY-15R-SV / CY-15R**

**V-Cymbal Ride Provides Natural Edge-to-bell Performance**

The V-Cymbal Ride lets you play naturally from edge to bell. It comes with two types of outputs that you can choose depending on your style: bow/bell and bow/edge. When used with the TD-20X or TD-12, it supports positional sensing, which varies the tone based on where the cymbal is hit. The V-Cymbal Ride faithfully responds to your stick technique, giving you the natural expression and subtle nuance of an acoustic ride. It's available in silver or black.



V-Cymbal Crash **CY-14C-SV / CY-14C**

**The Perfect Crash**

The V-Cymbal (crash) was designed to perfectly reproduce the behavior of an acoustic crash cymbal, from powerful shots to delicate cymbal rolls. Thanks to the V-Cymbal's unique seesaw construction, it reproduces unique actions such as "swinging" and "rebound." It also supports bow and edge playing as well as cymbal chokes (muting). It's available in silver or black.



V-Cymbal Ride / Crash **CY-12 R/C**

**Compact, Triple-Trigger Cymbal**

This 12-inch electronic cymbal brings breakthrough V-Cymbal technology to a very affordable price point. This expressive 3-way trigger\* cymbal offers the natural rebound, inertia, and natural "swinging" motion of an acoustic cymbal, plus cymbal choke capabilities. Use it as crash or a compact ride cymbal. \*3-way triggering is capable when used with the TD-20X, TD-20, TD-12, TD-9, and TD-4 sound module.



Cymbal Pad **CY-8**



**Dual-Trigger Cymbal with Choke Control**

Sporting a refined look that more closely resembles an acoustic cymbal, the CY-8 Dual-Trigger Cymbal Pad offers precise and accurate triggering for both crash and ride purposes — complete with natural "swinging" motion and cymbal "choke" capability.

Cymbal Pad **CY-5**



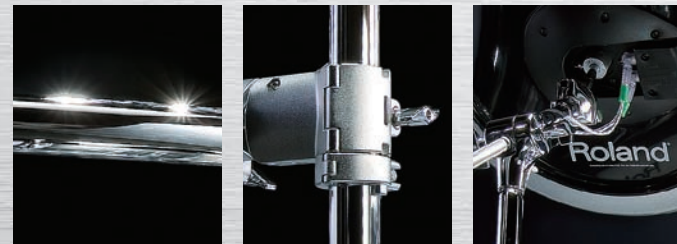
**Improved Cymbal Pad for Hi-Hat or Splash**

The cymbal pad (CY-5) features a 10-inch playing zone and swing movement for more drummer-friendly triggering. The pad also provides separate bow and edge triggering. The CY-5 can be also used as an additional cymbal pad, such as a splash, on V-Drums kits.

Drum Stand **MDS-25**

**A Drum Stand for the Demanding Pro**

With rock-solid stability and a low center of gravity, the MDS-25 drum stand is the perfect choice for punishing, high-impact live performance. With chrome pipes that glimmer in the light, exclusively crafted joints and clamps, and semi-transparent cables, it's a feast for the eyes. Create the perfect placement, thanks to the MDS-25's ultra-flexible ball-clamp system and pad arms that let you insert the boom into the pipe for boom- or straight-stand positioning. This is finest stand for any stage.



Drum Stand **MDS-12BK**

**Solid, Stylish Drum Stand**

Mount your V-Drums in style and stability with the MDS-12BK. Featuring Roland's sturdiest grip clamps, this rock-solid rack let's you play with confidence, knowing that your drum and cymbal pads will remain locked in position. For a clean appearance and quick setup, the cabling can be concealed inside the pipes. The MDS-12BK's open-leg design makes hi-hat placement more convenient, and its wide design lets you to easily expand your kit with additional drum, cymbal, and percussion pads. Optional PM-30 Satellite speakers can be mounted on the center poles without the need for boom clamps (speaker bases are required).



Drum Stand **MDS-9**

**Convenient and Stable Drum Stand**

The new MDS-9 drum rack offers a sturdy four-leg design with new, improved ball-clamp snare and cymbal mounts for fast, flexible component placement.



Cymbal Mount **MDY-25**

New cymbal mount for the MDS-25 with a flexible ball-clamp and newly designed mechanical arm. Provides dual-mount options for boom and straight.



Cymbal Mount **MDY-10U**

The MDY-10U is a flexible, sturdy cymbal mount for V-Cymbal Pads or a BOSS DB-90 metronome. Its foldable design makes set up and teardown a snap.



Drum Stand **MDS-4**

**Custom Stand for TD-4S**

Sturdy and lightweight, the MDS-4 keeps V-Pads, V-Cymbals, and the TD-4 securely in place during performance. It also accommodates double-kick pedals.



Pad Mount **MDH-25**

New tom mount for the MDS-25 with a flexible ball clamp and tilt mechanism.



Pad Mount **MDH-10U**

The MDH-10U is a rock-solid pad mount that's also friendly for setup and teardown. It holds V-Pads and Trigger Pads.

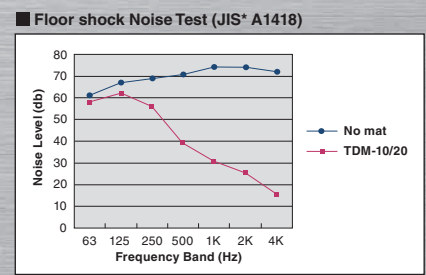


V-Drum Mat **TDM-20 / TDM-10**

Prevent your drum components from slipping while simultaneously safeguarding your floor from scratches and reducing impact noise/vibration. Roland's TDM-10 and TDM-20 heavy-duty drum mat is adorned with the Roland V-Drums logo. The mat is available in medium and large sizes.



**SPECIFICATIONS**  
 (TDM-20) • Dimensions 1,600 (W) x 1,500 (D) x 8 (H) mm/ 63 (W) x 59-1/16 (D) x 0-3/8 (H) inches • Weight 3.0 kg/ 6 lbs. 10 oz.  
 (TDM-10) • Dimensions 1,200 (W) x 1,300 (D) x 8 (H) mm/ 47-1/4 (W) x 51-3/16 (D) x 0-3/8 (H) inches • Weight 2.1 kg/ 4 lbs. 11 oz.



\*JIS: Japanese Industrial Standards

Personal Monitor Advanced Amplification for V-Drums **PM-30**



**Advanced Amplification for V-Drums**

The PM-30 is a 2.1-channel advanced speaker system. With 200 watts of Class-D power, a high-performance 12" woofer with tweeter, a pair of 4" satellite speakers, and a proprietary DSP engine, the PM-30 delivers powerful, full-range sound in a convenient and portable package. The selectable Full-Range and Subwoofer modes let you customize low-frequency performance, while the built-in 3-band EQ lets you fine-tune the tone. A solid crossbar spans the top of the base unit for convenient carrying. The satellite speakers can be clamped onto the crossbar or mounted onto a drum rack.



**SPECIFICATIONS**

• **Rated Power Output** 200 W (Main Unit 100 W + Satellite Speaker 50 W x 2) • **Nominal Input Level (1 kHz)** INPUT Channel 1 (V-DRUMS): -10 thru +4 dBu, (LINE IN): -20 thru +4 dBu, Channel 2 (LINE IN): -10 thru +4 dBu, Channel 3 (LINE IN): -10 thru +4 dBu • **Nominal Output Level** LINE OUT: +4 dBu, SPEAKER OUT: 50 W/4 ohms • **Speakers** Main Unit: 30 cm (12 inches) x 1 (Woofer), 7.7 cm (3 inches) x 1 (Tweeter), Satellite Speaker: 10 cm (4 inches) x 2 (Full Range) • **Controls** <V-DRUMS/Channel1> PUNCH Switch, Volume Knob <Channel2 > VOLUME Knob <Channel3> VOLUME Knob <Woofer Control> Mode Select Switch, Volume Knob <MASTER> BASS Knob (Equalizer), MIDDLE knob (Equalizer), TREBLE knob (Equalizer), VOLUME Knob, POWER Switch • **Indicator POWER** • **Connectors** Main Unit: <V-DRUMS/Channel1> V-DRUMS INPUT Jack (stereo 1/4" phone type), LINE IN Jack (1/4" phone type) <Channel2 > LINE IN Jack (1/4" phone type) <Channel3> LINE IN Jack (1/4" phone type / RCA PIN type), LINE OUT Jack (1/4" phone type), SPEAKER OUT Jack (1/4" phone type), PHONES Jack (stereo 1/4" phone type), Satellite Speaker: INPUT Jack (1/4" phone type) • **Power Supply** AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) • **Power Consumption** 63 W • **Dimensions** Main Unit: 451 (W) x 482 (D) x 482 (H) mm / 17-13/16 (W) x 19 (D) x 19 (H) inches (Excluding casters), 451 (W) x 482 (D) x 533 (H) mm / 17-13/16 (W) x 19 (D) x 21 (H) inches (Including casters), Satellite Speaker: 152 (W) x 158 (D) x 209 (H) mm / 6 (W) x 6-1/4 (D) x 8-1/4 (H) inches • **Weight** Main Unit: 24.3kg / 53 lbs 10 oz (Excluding casters), 25.0 kg / 55 lbs 2 oz (Including casters), Satellite Speaker: 2.2 kg / 4 lbs 14 oz (for each) • **Accessories** Mount Bar x 2, Clamp x 2, Speaker Cable (3.5 m) x 2, Caster x 4, Owner's Manual \* 0 dBu = 0.775 Vrms

Personal Monitor for V-Drums **PM-10**



**Solid, Portable Sound Reinforcement**

Designed as a portable companion for Roland's V-Drums, the PM-10 is equipped with a 30-watt amplifier and a 10" 2-way coaxial speaker. Its compact design is perfect for small-sized drum kits, such as the TD-4S, and the TD-9SX/TD-9S. Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack. Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.



**SPECIFICATIONS**

• **Rated Power Output** 30W • **Nominal Input Level/Impedance** V-DRUMS Input: 0dBu/20k ohms, LINE Input: 0dBu/20k ohms • **Speakers** 10" (250 mm) Woofer + 3" (77 mm) Tweeter (Coaxial, 2-way) • **Enclosure** Bass-reflex type • **Controls** V-DRUMS Volume Knob, LINE Volume Knob, BASS Knob, TREBLE Knob, POWER SW • **Indicator POWER** • **Connectors** V-DRUMS Input Jack (Stereo 1/4" phone type) LINE Input Jack (Stereo 1/4" phone type) • **Power Supply** AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) • **Power Consumption** 36W • **Dimensions** 364 (W) x 396 (D) x 352 (H) mm / 14-3/8 (W) x 15-5/8 (D) x 13-7/8 (H) inches • **Weight** 12 kg / 26 lbs 8 oz • **Accessories** Owner's Manual Power Cord \* 0 dBu = 0.775 Vrms

Headphones

High-quality Headphones Faithfully Reproduce the Powerful, Dynamic Sound of V-Drums

Stereo Headphones **RH-300**

Roland's top-of-the-line headphones for the ultimate in sound quality, appearance, and performance. The 45mm (1-13/16") drivers and neodymium magnets deliver dynamic, full-range performance. The snug fit shuts out external sound.



Stereo Headphones **RH-200 / RH-200S**

With 40mm (1-5/8") drivers, the RH-200/RH-200S headphones offer the clarity, sonic accuracy, and comfort needed for mixing and silent practice. They also feature a gold-plated 1/8-inch stereo connector with 1/4" adapter.



Stereo Headphones **RH-D30**

Optimized for high-impact onstage performance, RH-D30 headphones are light and comfortable with superior isolation, powerful and clear sound, and a super-wide frequency range. Other features include high-capacity 45mm (1-13/16") drivers and 180-degree rotating earpieces (90-degrees transverse). Carrying pouch included.



Stereo Headphones **RH-D20**

Similar in design to the RH-D30, the RH-D20 has 40mm (1-5/8") drivers. Lightweight and comfortable for extended wearing, the RH-D20 provides superior sound isolation, balanced sound across the frequency spectrum, and 180-degree rotating earpieces for single-ear monitoring (90-degrees transverse). Carrying pouch included.



Open-Air Headphones **RH-A30**

Roland's new open-air-type headphones are made for musicians who don't want total isolation from surrounding sounds. For maximum comfort during extended sessions, the RH-A30's ear pads have been newly designed.



Roland Inner Ear Headphones **RH-iE3**

These attractive in-ear headphones feature aluminum housings, gold-plated plugs, and advanced drivers for a balanced, full-range sound with deeper bass and extended frequency performance. Longer shaft arms ensure easy mounting and detaching.



V-Drum Accessory Package **DAP-3 / DAP-1**

Essential Accessories for V-Drummers

This handy drum accessory package is ideal for entry-level V-Drums owners, allowing them to start playing their V-Drums right out of the box.



- DAP-3 Components**
- Kick Pedal
  - Drum Throne
  - Drum Sticks



- DAP-1 Components**
- Drum Throne
  - Drum Sticks
  - Audio Cable Mini plug, Cable length: 375 mm / 14-13/16"
  - In-ear headphones

OPTIONS

**Pad Stand PDS-10**

Height: 643 - 1,093mm / 25-3/8 inches  
Weight: 3.8kg / 8 lbs 7 oz

Adjustable clamp for optimal playing position. Tilt: 200°

**Pedal Switch DP-2**      **FootSwitch FS-5U / FS-6**

These rugged footswitches can be used for changing patches, start/stop, tempo, or other parameters. They can be used with the TD-20X/10/8, SPD-series, and HandSonic.

Case and bag set for the V-Compact kits **DRUM-SC01**

\*Not all bags pictured.

**All Purpose Clamp APC-33**

This clamp can be used to attach an SPD-series percussion pad to a conventional cymbal stand for use with a V-Drums or acoustic drum kit.

**Connection Cable PCS-31L**

Using the PCS-31L, you can connect two single-trigger pads to a particular stereo trigger input\* on a TD-Series module — a great way to get more pads in your system. \*Please refer to (\*) of p. 40.

Case and bag set for V-Tour kits **DRUM-SC02**

\*Not all bags pictured.

**Mounting Plate MDP-7**

The MDP-7 is the mounting plate for TD-series sound modules such as the TD-3, TD-12, and TD-20X when customers want to attach the sound module to the new MDS-9.

**AC Adaptor PSA-120S**

The new and improved PSA-120S power adaptor features increased output of 500mA, extended length of 3m (118-1/8"), lighter weight at 140g (5 oz), and a body that's extra slim. It's also equipped with a power indicator.

4-bag set for V-Pro kits **DRUM-SC04**

**Cymbal Parts Set CYM-10**

This package includes three essential components: Stopper, Felt Washer, and Wing Nut. Compatible products include all Roland CY series Cymbals.

Acoustic Drum Trigger **RT-10 Series**

**Triggers for Kick, Snare, and Toms**

With acoustic-drum triggering more popular now than ever, Roland has responded to requests from the market and created these triggers: the RT-10K (for kick drums), RT-10S (for snare drums), and RT-10T (for toms). Physically smaller than their predecessors, the RT-10 series triggers are easier to position. Best of all, they feature trigger-sensing technology for improved response.



**RT-10K (Kick Trigger)**

• **Trigger:** 1 (Head) • **Connector:** Trigger Output Jack (1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 70 (H) mm / 1-5/8 (W) x 4-3/8 (D) x 2-13/16 (H) inches • **Weight:** 90 g / 4 oz • **Accessories:** Connection Cable, Hoop Guard • **Guide for Installation:** Rim Height: 30 to 36 mm / 1-3/16 to 1-7/16 inch, Rim Thickness (Max.): 13 mm / 9/16 inch

**RT-10S (Snare Trigger)**

• **Triggers:** 2 (Head, Rim) • **Connector:** Trigger Output Jack (Stereo 1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 50 (H) mm / approx. 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches • **Weight:** 80 g / 3 oz • **Accessories:** Connection Cable • **Guide for Installation:** Rim Height: 11 to 15 mm / 7/16 to 5/8 inch

**RT-10T (Tom Trigger)**

• **Triggers:** 1 (Head) • **Connector:** Trigger Output Jack (1/4 inch Phone Type) • **Dimensions:** approx. 40 (W) x 110 (D) x 50 (H) mm / 1-5/8 (W) x 4-3/8 (D) x 2 (H) inches • **Weight:** 80 g / 3 oz • **Accessories:** Connection Cable • **Guide for Installation:** Rim Height: 11 to 15 mm / 7/16 to 5/8 inch



Supported Sound Modules: TD-20X, TD-12, TD-9, TD-3, TD-4, SPD-20, SPD-S

\* If you need dual triggering for head and rim on toms, please use the RT-10S instead of the RT-10T.

\* Regarding the sound module with dual trigger compatible input, please refer to "Sound Module and Drum Pad Combinations" on the pages 44 - 45 of this catalog.

Trigger MIDI Converter **TMC-6**

**Play MIDI Modules From an Acoustic Set!**

The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set, or expand the sound palette of electronic drum sets. This affordable device uses accurate and reliable V-Drums triggering technology, allowing acoustic drummers to "play" electronic sounds from their favorite MIDI module, or for V-Drums owners to expand their trigger inputs.



**Works Great with the RT/TD-Series**

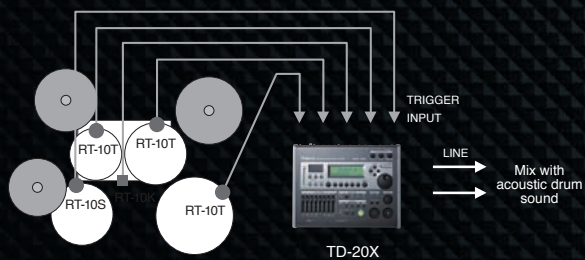
The TMC-6 Trigger MIDI Converter makes it easy to play and trigger MIDI modules and samplers from an acoustic drum set equipped with Roland's RT-series triggers, or to expand the sound palette of electronic drum sets. This affordable device uses the lightning-fast triggering technology of Roland's V-Drums for reliable triggering and super-accurate dynamics.

**6 Trigger Inputs for Maximum Versatility**

The TMC-6 includes six trigger inputs compatible with all Roland drum pads or acoustic drum triggers (an FD-8 Hi-Hat Control Pedal can also be connected). With V-Drums technology built-in, the TMC-6 provides reliable and fast response, plus separate head/rim triggering with dual-trigger V-Pads, such as the PD-125/105/85, and 3-way triggering with the CY-15R and CY-12R/C V-Cymbals. Trigger settings can be stored to 12 user-memory locations.

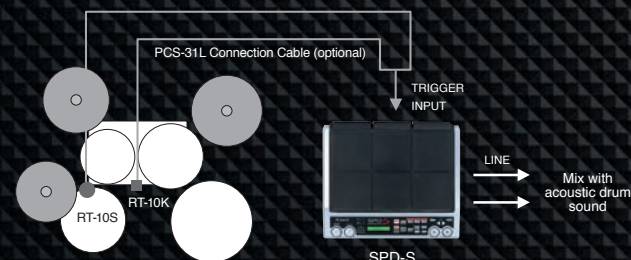
**Using the RT-10 Series and TMC-6**

**Play a TD-Series brain**



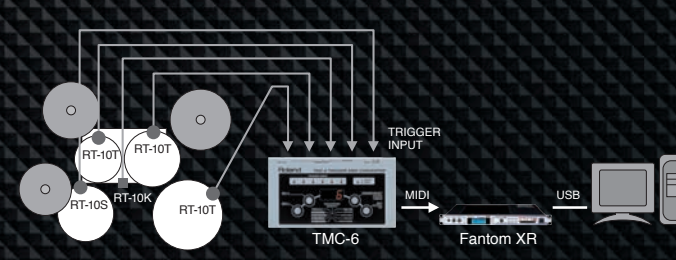
By connecting a set of RT-10 Series triggers to a TD-Series brain, drummers can play high-quality V-Drums sounds right from an acoustic set, or blend electronic and acoustic sounds to create unique sounds. Using the TD-series' Tap Sequence function, drummers can trigger sequences by simply tapping the kick.

**Trigger an SPD-Series module**



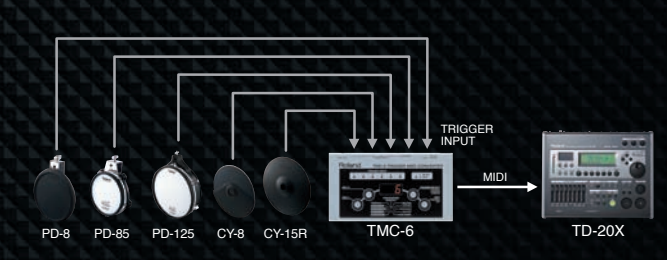
In this example, an RT-10K and RT-10S are connected to an SPD-S Sampling Pad, making this an affordable and easy way to add sampling to an acoustic set. Using the SPD-S's Velocity Switch setting, the snare and bass drum can be set to trigger a different sample depending on how hard they are hit.

**Connect a MIDI module and computer**



Roland's TMC-6 Trigger MIDI Converter changes the trigger impulses received from the RT-10 series into MIDI messages — making it possible to play MIDI modules such as Roland's Fantom XR, or even record your performance into a sequencer. This expands sonic flexibility, and allows you to create more natural drum tracks when sequencing in the studio.

**Expand a V-Drums Set**



The TMC-6 is also a great way to expand the capabilities of any V-Drums set. Simply connect the TMC-6 to a TD-Series brain via MIDI, and use the TMC-6's trigger inputs to connect more pads and cymbals. In this example, three pads and two cymbals are connected for triggering splash cymbal sounds and percussion instruments such as timbales and owell.

Marching Percussion **RMP-12**

**Mesh-Head Comfort**

The RMP-12's patented mesh head provides low acoustic noise, high durability, and unsurpassed comfort. Head tension can be adjusted via drum key, just like an acoustic drum, for the perfect stick response. The head is also replaceable, like an acoustic drum.



**World of Sound**

The RMP-12 offers high-quality marching snares, toms, bass drums, cymbals, and other drums and percussion instruments. It also contains a variety of Latin percussion as well as electronic sounds. The four memory buttons let you store your favorite sounds and call them up instantly during your performance.



**Rhythm Coach Onboard**

The Rhythm Coach helps you build speed, stamina, and accuracy. Even if you're not in the Rhythm Coach mode, you can practice with the Time Check whenever you start the metronome. The Time Check Score, which grades accuracy, is one of the menus in the Rhythm Coach. Other effective exercises include the Auto Up/Down, which gradually speeds up and slows down the metronome, and the Dyna Meter, which shows your stroke dynamics on the screen.



**Marching Percussion**

Perfect for extended wear, the RMP-12 is lightweight and battery-powered. It can be attached to standard marching drum carriers for wireless transmission\*, allowing you to freely move around during your performance. For practice, mount the RMP-12 to a concert snare stand and use the Roland CUBE Street amplifier to monitor or simply connect headphones for quiet practice.

\*Commercial wireless systems sold separately



Application Guide DVD included



Marching Carrier Attachment **OP-RMP12**  
Attaches RMP-12 to standard marching drum carriers



**RMP-12 SPECIFICATIONS**

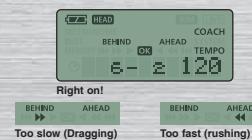
• Pad Head Size 12 inches • PAD Trigger 2 (Head, Rim) • Instruments 128 • Instrument Parameters Tuning, Volume • Memory Bank 4 • Metronome Tempo (20-300), Beat (0-13), Rhythm Types (5 types), Click Sounds (7 types), Timer Function, Time Check Function • Rhythm Coach Functions Time Check Score, Speed Check, Rhythmic Notes, Auto Up/Down, Dyna Meter, Tap Tempo • Display Custom Display • Connectors Phones Jack (Stereo miniature phone type), Mix In Jack (Stereo miniature phone type), Output Jack (1/4 inch phone type), Trigger Input Jack (1/4 inch TRS phone type) \*This jack is connected to the pad with a cable when the RMP-12 is shipped from the factory, AC Adaptor Jack • Power Supply DC 9 V: Dry battery LR6 (AA) type (alkaline) x 6 or AC Adaptor (optional) • Current Draw 220 mA \* Expected battery life under continuous use: Alkaline: 8 hours These figures will vary depending on the actual conditions of use. • Dimensions 347.5 (W) x 416 (D) x 193.8 (H) mm, 13-11/16 (W) x 16-7/16 (D) x 7-11/16 (H) inches • Weight: 3.7 kg / 8 lbs 3 oz (including battery) • Accessories Owner's Manual, Quick Guide, Dry battery LR6 (AA) type (alkaline) x 6, Drum Key, Cable Tie, Application Guide DVD

**Improving Your Skills is More Fun with Rhythm Coach**

For improving and maintaining your skills, the Rhythm Coach feature provides a well-rounded and fun workout. The program helps you learn to keep perfect time and to teach your body to sense whether your timing is accurate or not. An effective partner for solo practice, Rhythm Coach makes working on your skills much more enjoyable.

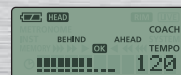
**Time Check Score**

This exercise teaches you to play accurately in sync with the metronome. The display informs how precise your shots are in two levels (easy, hard).



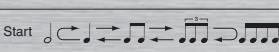
**Dyna Meter**

Your stroke dynamics are metered on the LCD. With aural and visual feedback, it's easier to learn to maintain an even volume by keeping your left- and right-hand strength in balance.



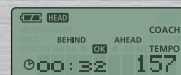
**Rhythmic Notes**

This provides basic training by changing the rhythm type every two measures. Useful for warm-up, this exercise helps you master various note values.



**Auto Up/Down**

This endurance exercise gradually increases and then decreases the click speed. The rate at which the tempo goes up and down is adjustable, and you can set the maximum tempo at which it changes.



**Speed Check**

When you play accurately for a number of measures (adjustable), the tempo increases automatically – challenges you to play at a higher speed depending on your skill.

**Tap Tempo**

You tap the pad along with the music and the tempo is automatically measured. The metronome is automatically set to the same tempo. It's a useful tool for determining the tempo of pre-recorded or performed music.

Rhythm Coach **RMP-5**

**PCM Sounds Onboard**

One of the key features that sets the RMP-5 apart from other rhythm trainers is its built-in sound engine. Now you can practice in style by selecting from the dozens of onboard PCM instruments inside the RMP-5. The RMP-5 lets you trigger a variety of high-quality, internal snare drum samples, hi-hats, ride cymbals, and percussion instruments. You can also choose from a menu of metronome sounds, including a standard click, human-voice count, rhythmic patterns, and more.

**Drum Kit Expansion**

The RMP-5 provides a dual-trigger input that can be used to connect Roland's KD-8 kick and CY-8 cymbal controllers (optional). All together, these three components form the nucleus of a small electronic drum kit. Now you can train not only your hands, but your feet as well. The RMP-5 provides the sounds for each pad, so you can play complete grooves either solo, along with the Rhythm Coach, or with external audio (such as CD players) connected to the RMP-5's External Audio input.



**RMP-5 SPECIFICATIONS**

• Pad Size 8 inches • Pad Sounds 54 • Tempo 20 - 300 • Click Sounds 15 types • Rhythm Types 24 types • Patterns 22 types • Beat 24 types • Coach Mode TIME CHECK (8 variations), QUIET COUNT (6 variations), AUTO UP/DOWN (6 variations), RHYTHMIC NOTES (3 variations), STROKE BALANCE (2 variations), ACCURACY SCORE (4 variations) • Connectors PHONES/OUTPUT Jack: 1 (Stereo miniature phone type), MIX IN Jack: 1 (Miniature phone type), AC Adaptor Jack, EXT TRIG IN Jack: 1 (Dual) \* Using the PCS-31L, you can connect two pads. In that case, the rim shot, edge shot, and choking features are unavailable. • Power Supply DC 9 V: Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor • Current Draw 80 mA \* Expected battery life under continuous use: Carbon: 1 hour, Alkaline: 4 hours. These figures will vary depending on the actual conditions of use. • Stand Screw Size M8 • Dimensions 263 (W) x 348 (D) x 78 (H) mm, 10-3/8 (W) x 13-3/4 (D) x 3-1/8 (H) inches • Weight 1.3 kg / 2 lbs 14 oz (including a battery) • Accessories Dry Battery 6LR61/1604A (9 V) type (alkaline), Drum Key

CB-RMP Gig Bag for RMP-series

PDS-2 Pad Stand

**Your Own Personal Rhythm Coach Included**

The RMP-5 is equipped with Roland's famous Rhythm Coach exercises, which challenge and score your playing in fun and friendly ways. Put your skills to the test with Time Check, Auto Up/Down, and Stroke Balance, for example, to help develop consistent stick technique. Adjust the workout level according to your abilities and goals.

**Time Check**

In sync with the metronome, this exercise encourages you to strike with accuracy. The display informs how accurate your shot was in seven levels.



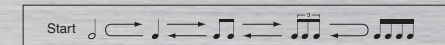
**Accuracy Score**

Chart your progress! With each Time Check exercise, the RMP grades your performance (for durations of 4, 8, 16, or 32 measures), and displays your accuracy from 0-100 percent.



**Rhythmic Notes**

This provides basic training by changing the rhythm type every two measures. Useful for warm-up, this exercise helps you master various note values.



**Stroke Balance**

The onscreen metronome needle indicates how strong you play. Improve balance and accent skills for both hands.



**Quiet Count**

Designed to develop your internal tempo, this exercise alternates the volume level between normal and barely audible, challenging you to maintain the correct tempo throughout.

**Auto Up/Down**

An endurance exercise that gradually increases and then decreases the click speed. The rate at which the tempo goes up and down is adjustable, and you can set the maximum tempo at which it starts decreasing.

**Dr. Beat DB-90**

**Better Features, Better Practice**

The Note Mixing function allows you to instantly create a variety of beats by adjusting the levels of five different note values. Front-panel sliders, buttons, and a large rotary dial provide instant, hands-on access to edit parameters. Select four different click sounds, including a human voice-counting sound that will help you know your place in the bar. The DB-90 is also equipped with realistic PCM drum patterns for developing accuracy and rhythmic feel effectively. It can also be synced to external MIDI sequencers for elaborate accompaniment.

**SPECIFICATIONS**

• Metronome Tempo: =30-250, BEAT1: 1-9, BEAT2: OFF / 1-9, PATTERN: 30 kinds (8-BEAT x 4, 16-BEAT x 3, SHUFFLE x 3, FUNK x 2, JAZZ x 2, BLUES, TECHNO, HOUSE, COUNTRY, REGGAE, CLAVE x 2, SALSA, RUMBA, BOSSA NOVA, SAMBA, WALTZ, TANGO, MAMBO, CHACHACHA, MARCH) • Voice Voice 1 (Standard metronome sound), Voice 2 (Electronic metronome sound), Voice 3 (Electronic click sound), Voice 4 (Human voice) • Rhythm Coach Time Check, Quiet Count, Gradual Up/Down, Step Up/Down • Reference Tone Reference Pitch: A4=438 Hz-448 Hz (1 Hz steps), Reference Tone Range: C2-B6 • Auto Power Off function 60 minutes • Connector TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, INPUT, AC Adaptor, PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type) • Power Supply DC 9 V: Dry battery 6F22 / 6LR61 (9 V), AC Adaptor (PSA-series) (Optional) • Power Consumption 85 mA or less (with reference tone sounding). Expected battery life under continuous use: Approximately 1.5 hours (Carbon) / 6 hours (Alkaline) \* These figures will vary depending on the actual conditions of use. • Dimensions 122 (W) x 164 (D) x 375 (H) mm / 4-13/16 (W) x 6-1/2 (D) x 1-1/2 (H) inches • Weight 450g / 1 lb (including batteries) • Accessories Dry Battery (R6 (AA) Type), Soft case, Owner's Manual



SIDE VIEW



# Roland Percussion Products

## Roland's Revolutionary E-Percussion Family Expands



### Artists with HandSonic



Luis Conte



Taku Hirano



Richie Garcia



Rhani Krija



Tommy Snyder

### Digital Percussion

## HANDSONIC 10 HPD-10

### New Sounds

An all-new collection of sounds has been created for the HPD-10; approx. 400 high-quality instruments are onboard. All of the percussive essentials have been included — congas, bongos, tabla, djembe, cajon, etc. — as well as melodic percussion, drum kit, special effects, and more. No matter the genre, from ethnic to electronic, the HPD-10 has you covered.

### Sensitive Surface

Whether you're laying down the most delicate finger rolls or the sharpest slaps, the HPD-10's playing surface can handle anything you give it. The comfortable round surface is divided into ten individual pads with pressure and positional sensitivity. The popular D Beam is also included for dramatic triggering and pitch control. Strike a virtual gong with your head, and control the pitch of a talking drum with your hand waving up/down — you get the picture.

### Easy Operation

The PRESET KITS buttons give you quick access to five specially selected kits — Conga, Tabla, Steel Drum, Drums, SFX, and five of your favorite kits. The large, backlit icon-driven LCD helps you clearly see what you are playing or editing.



PRESET KITS Button

### Style Guide Metronome

The HandSonic 10 has a new type of metronome that provides a musically inspiring selection of rhythm patterns based on a variety of styles — Latin, World Music, Rock, Pop, Jazz, Dance. It helps you not only for practice, but also for sessions as play-along patterns.

### Effects & Controller

Dual-trigger input allows a kick pedal and cymbal pad (or footswitch) to be plugged in.

Wave your hands over the invisible D Beam to trigger and control sounds with visual impact.



\* Actual D Beam is invisible; color has been added for illustration purposes only.

CB-HPD-10 Gig Bag for HPD/SPD series



REAR PANEL



### SPECIFICATIONS

• Pad 10 inches, 10 sections, Pressure-Sensitive • Instruments 410 • Kits 64 • Effects Ambience (5 types), Multi-Effects (20 types) • Style Guide Metronome 96 patterns • Tempo 40-200 • Coach Mode QUIET COUNT, RHYTHM CHECK, TIME CHECK, PAD FOLLOW, AUTO UP/DOWN, TAP TEMPO • Controllers D Beam Controller, Control Knob • Display Icon-driven Backlit LCD • Connectors Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo phone type), Trigger Input/Foot Sw Jack (Dual), MIDI Connectors (IN, OUT) • Output Impedance 1.0 k ohms • Power Supply AC Adaptor (DC 9V) • Current Draw 350 mA • Dimensions 323 (W) x 427 (D) x 75 (H) mm / 12-3/4 inches (W) x 16-13/16 (D) x 3 (H) inches • Weight 2.9 kg / 6 lbs 7 oz (excluding AC Adaptor) • Accessories Owner's Manual, AC Adaptor (AC/PSB-1U Series), Label Sticker

### Improve your skills with the advanced Rhythm Coach function

#### Pad Follow

The "Pad Follow" lesson combines both audio and visual information. With a click playing in the background, a test pattern is played for you; at the same time, the pattern appears on the graphical pad display. Then it's your turn to copy what you just heard and saw.



Watch the pattern on the pad display as it plays.



Let's see if you can follow it!

#### Time Check

Time Check teaches you to play with pinpoint precision. The 7-segment meter displays the accuracy of your performance as you play.



Too fast



Perfect!



Too slow

#### Rhythm Check

Develop your timing while expanding your pattern vocabulary. With a click track playing in the background, Rhythm Check plays a pattern and then asks you to repeat it, then advances to the next pattern.

#### Quiet Count

This exercise is designed to develop your internal tempo. The volume of the click will alternate between normal and Quiet, challenging you to maintain the correct tempo throughout.

#### Auto Up/Down

An endurance exercise that gradually increases and then decreases the click speed. The rate at which the tempo goes up and down is adjustable, you can set the maximum tempo at which it starts decreasing, and the minimum tempo at which it starts increasing.

#### Tap Tempo

Tap a series of quarter-notes on any of the ten pads and the HandSonic 10 will calculate and display your new tempo in beats per minute. A handy resource!

# HANDSONIC 15 HPD-15

## The World's Most Popular Hand-Percussion Pad

The HPD-15 HandSonic is the world's most powerful (and famous!) electronic hand percussion multi-pad. It offers incredible triggering capabilities based on Roland's V-Drums technology. Divided into 15 parts, the HPD-15 allows hand percussionists to play up to 15 sounds simultaneously with all the sensitivity that the V-Drums are famous for. There are 600 percussion sounds onboard derived from all over the world — including Latin and Asian countries, the Middle East, and Africa — plus electronic drums and sound effects!

## Expressive Realtime Control

The HandSonic's powerful controllers can be used to modulate pitch, timbre, and other parameters in real time, and with the expressive D-Beam controller, percussionists can trigger the onboard sounds or alter an instrument's tuning simply by waving their hands over an infrared beam of light. Also included are two ribbon controllers, an Expression Pedal input, and three control knobs. An optional KD-7 Kick Trigger Unit or FD-8 Hi-Hat Control Pedal can also be connected.



REAR PANEL



### HANDSONIC 15 SPECIFICATIONS

• **Maximum Polyphony** 64 Voices • **Instruments** Pad Instruments: 600, Backing Instruments: 54 • **Preset Patches** 160 • **User Patches** 80 • **Patch Chains** 10 chains (32 steps per chain) • **Effect Type** Reverb, Multi-Effects • **Sequencer** Preset Patterns: 99, User Patterns: 99 (Maximum), Tracks: 4, Play Functions: OneShot, Loop, Tap, Resolution: 96 ticks per quarter note, Recording Method: Real-time • **Tempo** 20-240 • **Display** 16 characters, 2 lines (backlit LCD) • **Controls** Volume Knob, Realtime Modify Knob 1/2/3, Ribbon L/R, D Beam Controller • **Pad** 10 inches, 15 sections, Pressure-Sensitive • **Connectors** Output Jacks (L/Mono, R), Phones Jack (stereo), Mix In Jack (stereo), Expression Pedal / Hi-Hat Control Jack, Trigger Input Jack (dual), Foot Switch Jack (dual), MIDI Connectors (IN, OUT/THRU) • **Output Impedance** 1k ohms • **Power Supply** AC Adaptor (DC 9V) • **Current Draw** 1000mA • **Dimensions** 406 (W) x 405 (D) x 98 (H) mm / 16 (W) x 16 (D) x 3-7/8 (H) inches • **Weight** 2.9 kg / 6 lbs 7 oz (excluding AC Adaptor) • **Accessories** AC Adaptor (ACI/ACB Series), Label

# Total Percussion Pad SPD-20

## Superb Sounds and Features

The SPD-20's sound set includes everything from ethnic and world percussion instruments to classic and modern acoustic and electronic drum sounds — 700 sounds total! Out of the box, you get 99 patches and six rhythm loops that can be played via eight high-quality pads with natural response — even when playing with common drumming techniques like rolls and flams.

## Infinitely Expressive

Four external dual-trigger inputs make the SPD-20 compatible with a dedicated hi-hat or kick drum controller and any of Roland's drum pads (including V-Pads). The trigger inputs can also be used with acoustic drum triggers for triggering acoustic drums. Other noteworthy features include a velocity-sensitive Layer function, onboard effects and MIDI connections for using the SPD-20 as a controller or sound module.



REAR PANEL



### SPD-20 SPECIFICATIONS

• **Pads** Built-in Pads: 8 • **Four** external trigger inputs (dual) are provided, allowing you to connect Pads. • **Maximum Polyphony** 14 voices • **Instruments** 700 • **Memory** Patches: 99, Patch Chains: 8 • **Sound Parameters** Instrument, Level, Pitch, Decay, Pan, Curve, Effect Send Level • **Effects** Reverb, Delay, Chorus, Flanger • **Display** 7 segments, 3 characters (LED) • **Connectors** Output Jacks (L (Mono), R), Phones Jack (Stereo), Trigger Input Jacks (Dual): 3, HH CTRL/TRIG 4 Jack (Dual), MIDI Connectors (IN, OUT), Foot Sw Jack (Dual) • **Trigger** inputs 1 and 2 accept rim shots from the PD-7, PD-9 and PD-120 while inputs 3 and 4 accept rim shots from the PD-7 and PD-9. • **Power Supply** AC 12V: AC Adaptor • **Current Draw** 420mA • **Dimensions** 450(W) x 350(D) x 70(H) mm/ 17-3/4(W)x13-13/16(D)x2-13/16(H) inches • **Weight** 2.8 kg / 6 lbs 3 oz (excluding AC adaptor) • **Accessories** Owner's Manual, AC Adaptor (BOSS BRA Series), Slit Tape

# Sampling Pad SPD-S

## Add Sampling to Your Rig!

The SPD-S Sampling Pad is a simple and affordable way to tap into the power of sampling. Six pads and three edge triggers allow drummers to trigger CD-quality samples and create phrase loops complete with pro-quality effects.

## Integrates Easily with Your Kit

The SPD-S is a great way to add sampling to any percussion setup, and it's easy — just record a sound, assign it to a pad, and go. Up to eight sounds can be played from the six rubber pads and three edge triggers. With room for 399 User waveforms, the SPD-S can store plenty of samples. Plus, there are 181 ready-to-play waveforms pre-loaded into User memory. A sampling CD is also included, making it easy to add more sounds.

## Powerful and Expandable

With 30 multi-effects algorithms and a unique ambience effect, the SPD-S offers endless sound-sculpting potential — plus the ability to create loops with the Phrase Maker function. The SPD-S has a stereo input, and can accommodate up to two trigger units for playing a drum pad in either a head or head/rim configuration. And with MIDI In and Out, it makes a great controller as well. The SPD-S can be expanded with CompactFlash media, and can import or export WAV/AIF files.

## Convenient CompactFlash Storage

The SPD-S works with readily available CompactFlash media — making it easy to expand the onboard sampling time, store custom sounds, and even import or export WAV/AIF files using your Mac or PC. \*Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.



### SAMPLING MODE/TIME

	Internal (approx.)	CompactFlash (approx.)					
		16MB	32MB	64MB	128MB	256MB	512MB
LONG	11 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
STANDARD	5 min.	6 min.	12 min.	24 min.	48 min.	96 min.	193 min.
FINE	2 min.	3 min.	6 min.	12 min.	24 min.	48 min.	96 min.

### PRE-LOADED SOUNDS

001 Moon Drs	019 BongoPin	037 VerbyHit	055 PinChime	074 FlexMtl	093 Shaker	112 SpokTom4	130 AcuSnr 1	149 909Kik	168 Splash 8
002 Moon Bas	020 CongaPin	038 RevLASEr	056 BelTreeD	075 MtlCrash	094 ShakeEgg	113 OctTom 1	131 AcuSnr 2	150 110Kik	169 Splash10
003 Moon Gt1	021 ShkrPin	039 WndPulse	057 BelTreeU	076 Ratchet	095 Maracas	114 OctTom 2	132 AcuSnr 3	151 AcuKik 1	170 Crash 13
004 Moon Gt2	022 TblPin	040 SperkS	058 CrotaleH	077 Vibrslp	096 CabasaSp	115 OctTom 3	133 Xstck 1	152 AcuKik 2	171 Crash 16
005 Moon Vc	023 16BtPin1	041 SlidWhstl	059 CrotaleL	078 Tmbrn 1	097 CabasaSt	116 OctTom 4	134 Xstck 2	153 clubHH1c	172 Crash 18
006 JzStpDrs	024 16BtPin2	042 NoiseTap	060 TriangOp	079 Tmbrn 2	098 Bongo Hi	117 clubSnr1	135 Xstck 3	154 clubHH1o	173 China 16
007 JzStpBas	025 16BtPin3	043 Dolphin	061 TriangMl	080 Bongo Sp	099 Bongo Sp	118 clubSnr2	136 808Claps	155 clubHH2c	174 Ride 20
008 JzStpChd	026 16BtFil1	044 Scratch	062 AccCym 4	081 Tmbrn Sk	100 Bongo Lo	119 clubSnr6	137 909Claps	156 clubHH2o	175 Ride Bl
009 JzStpPad	027 16BtFil2	045 Hi-Q	063 CupChim6	082 CowbellS	101 Conga Hi	120 clubSnr3	138 110Claps	157 808HH cl	176 808Tom 1
010 JzStpMel	028 16BtFil3	046 Spd-S	064 CupChim8	083 CowbellL	102 Conga Sp	121 clubSnr4	139 HndClap1	158 808HH op	177 808Tom 2
011 2Step Bl	029 16BtEnd	047 Welcome	065 CupChim8	084 CowbJam1	103 Conga Lo	122 clubSnr5	140 HndClap2	159 909HH cl	178 808Tom 3
012 JnglBl1	030 16BtSnr	048 ComeOn!	066 Gong	085 CowbJam2	104 Cajon Sp	123 clubSnr6	141 FmgSnap	160 909HH op	179 AcuTom10
013 JnglBl2	031 16BtCrk	049 UGtGrv	067 Tarnam	086 CowbEngo	105 Cajon Bs	124 clubSnr7	142 clubK1k	161 110HH cl	180 AcuTom12
014 Xylo Bkg	-S-E-	050 Yeaahy	068 BlockJam	087 CowbMmbo	106 TimbleHi	125 clubSnr8	143 clubK2k	162 110HH op	181 AcuTom16
015 SynthBkg	032 AirDrft1	051 Haaay	069 Block Hi	088 Agogo Hi	107 TimbleRm	126 clubSnr9	144 clubK3k	163 AcuHH cl	
016 Org Bkg	033 AirDrft2	052 BasSlide	070 Block Lo	089 Agogo Lo	108 TimbleLo	127 808Snr	145 clubK4k	164 AcuHH op	
017 HipHbKkg	034 SuperLow	-Percussion-	071 Claves 1	090 SlightBel	109 SpokTom1	128 808Snr	146 clubK5k	165 AcuHH fl	
018 Didgerdo	035 RevwDown	053 WndChimD	072 Claves 2	091 AnklBedD	110 SpokTom2	129 110Snr	147 808Kik 1	166 110 Cym	
	036 SwepNoiz	054 WndChimU	073 Cricket	092 AnklBedS	111 SpokTom3	129 eSnr	148 808Kik 2	167 Splash 6	



CompactFlash

REAR PANEL



### SPD-S SPECIFICATIONS

• **Pads** Built-in Pads: 9 • **Maximum Polyphony** 8 voices • **Sampling Mode** Fine/Standard/Long • **Sampling Frequency** 44.1 kHz • **Input Level** Line: -10 dBu, Mic: -50 dBu • **Input Impedance** 10 k ohms (LINE/MIC) • **Output Level** Output: -10 dBu • **Output Impedance** Output: 1 k ohms, Headphones: 47 ohms • **Memory** Patches: 128, [Waves] User: 399, Card: 500 (Pre-loaded Sound 181) • **Maximum Sampling Time** 12 min. approx. (Internal Memory, Long Mode) • **Effects** Multi-Effects (30 Type) + Ambience (System) • **Display** 16 characters, 1 line (backlit LCD) • **Connectors** Output Jacks (L/Mono, R) (1/4 inch phone type), Input Jacks (L/Mono, R) (1/4 inch phone type), "LINE/MIC" selectable, Headphones Jack (Stereo) (1/4 inch phone type), Trigger Input Jacks (1/4 inch TRS phone type), Expression Pedal (1/4 inch TRS phone type), MIDI Connectors (IN, OUT), Footswitch Jack (1/4 inch TRS phone type), CompactFlash Card Slot • **Power Supply** DC 9 V: AC Adaptor • **Current Draw** 1,000 mA • **Dimensions** 342 (W) x 282 (D) x 83 (H) mm/ 13-1/2 (W) x 11-1/8 (D) x 3-5/16 (H) inches • **Weight** 2.1 kg/ 4 lbs 11 oz (excluding AC adaptor) • **Accessories** Owner's Manual, AC Adaptor (ACI-120C/ACI-230C/ACB-230E/ACB-240A), Sampling CD, Slit Tape, Screws: 2, Hexagon Wrench \* 0 dBu = 0.775 Vrms

\*The SPD-S's file system is developed by Kyoto Software Research, Inc. Fugue ©2003-2009 Kyoto Software Research, Inc. All rights reserved.



### PRE-LOADED PATCHES

01 Join Us!	13 TR808Dr1	25 CoolWind	37 Percuss1
02 Filter-9	14 909Mania	26 EchohcE	38 Percuss2
03 HipHopp	15 Outback	27 Voices	39 Percuss3
04 LAttin!	16 SappBeat	28 TR808Dr2	40 Percuss4
05 DrumNtl	17 Winter	29 SnglHead	41 SynSweep
06 Etat-Mel	18 All Perc	30 Perflect	42 Phaser
07 CajonBl	19 RudeDrs	31 Timbales	43 Radio
08 Eco-Echo	20 TblamJam	32 Conga	44 Slicer
09 VeloCity	21 Drums-Q	33 RhythBox	45 ShrtLupr
10 Industry	22 Mr.LO-FI	34 Chimes	46 RingMod
11 AcousDrs	23 Pulsar	35 Cym&Gong	47 OvrDrive
12 Bongo	24 Spiral	36 Add On	

### EFFECT ALGORITHMS

01 REVERB+GATE	16 ISOLATOR
02 DLYEDREVERB(Delayed Reverb)	17 WAH
03 STEREODELAY	18 OVERDRIVE
04 SYNC-DELAY	19 DISTORTION
05 TAPE-ECHO	20 LO-FI(Lo-Fi Processor)
06 CHORUS	21 RADIOTUNING
07 PHASER	22 RINGMODULAT(Ring Modulator)
08 FLANGER	23 PITCHSHIFT(Pitch Shifter)
09 STEPFLANGER	24 PITCHBENDER(Pitch Bender)
10 TREMOLO/PAN	25 OCTAVE
11 SIMPLE-COMP(Compressor)	26 VOICETRANS(Voice Transformer)
12 COMP-ENHANC(Compressor+Enhancer)	27 CENTRCANCEL(Center Canceled)
13 2BAND-COMP(2Band Compressor)	28 SYNTH-PERC(Synthesizer Percussion)
14 4BAND-PEQ(4Band Parametric Equalizer)	29 SHORT-LOOPER
15 FILTER	30 SLICER

You need to select the suitable "Trigger Type (Pad Type)" on the sound module for your pad.

About the table  ... Yes  ... No

Sound Module	Trigger Input	Pad Playing Methods	V-Pad			Pad			V-Cymbal				Cymbal Pad			V-Hi-Hat		Kick Pad	Acoustic Drum Trigger						
			PD-125XS, PD-125X, PD-105X, PD-125BK, PD-125WT, PD-105BK, PD-105WT			PDX-8		PD-8			CY-15R-SV, CY-15R, CY-12R/C				CY-14C-SV, CY-14C			CY-8, CY-5		VH-12-SV, VH-12	VH-11	KD-140, KD-120BK, KD-120WT, KD-88BK, KD-85WT, KD-8, KD-7	RT-10S, RT-10K <sup>*1</sup> , RT-10T <sup>*1</sup>		
			Head Shot	Rim Shot	Brush Sweep <sup>*3</sup>	Head Shot	Rim Shot	Head Shot	Rim Shot	Choking	Bow Shot	Edge or Bell Shot <sup>*4</sup>	Three-Way Triggering	Choking	Bow Shot	Edge Shot	Choking	Bow Shot	Edge Shot	Choking			Head Shot	Rim Shot	
TD-20X	1 (KICK)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	2 (SNARE)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
	3, 4, 5, 6 (TOM1, 2, 3, 4)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	7 (HI-HAT)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	8, 9 (CRASH1, 2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	10 (RIDE), 11 (EDGE)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12, 13, 14, 15 (AUX1, 2, 3, 4)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
TD-12	1 (KICK)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	2 (SNARE)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
	3, 4, 5 (TOM1, 2, 3)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	6 (HI-HAT)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	7, 8 (CRASH1, 2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	9 (RIDE), 10 (EDGE)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11, 12 (AUX1, 2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
TD-9 <sup>*13</sup>	KICK		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	SNARE		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	HI-HAT		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	TOM 1, 2, 3, AUX		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	CRASH 1, 2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	RIDE		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TD-4	SNARE		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	HI-HAT		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	CRASH 1, CRASH 2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	RIDE		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SPD-20	1, 2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	3, 4		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SPD-S	TRIG IN (1/2) <sup>*6</sup>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
HPD-15	TRIGGER INPUT <sup>*6</sup>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
HPD-10	EXT TRIG <sup>*6</sup>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
TMC-6	2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	Others		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
RMP-5	EXT TRIG <sup>*6</sup>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

\*pos.: Positional sensing is available.

\*To enable rim shot, edge shot, bell shot and choking techniques, you'll need to connect the pad with the stereo cable.

\*1 Does not support rim shots.

\*2 Supports Cross Sticks.

\*3 Supports brush sweep techniques.

\*4 Connect to the BOW/EDGE output jack for edge shots; connect to the BOW/BELL output jack for bell shots.

\*5 With two cables, you can perform using three different tones: bow, bell, and edge.

\*6 With a Y-Cable (PCS-31L), you can connect two pads to a single trigger input jack. However, rim shots, choking and edge or bell shot on each pad or cymbal are not available for use.

\*7 You need to set the "Input Mode" to "HD/RM" (or "H-r" in the RMP-5).

\*8 With a Y-Cable (PCS-31L), rim shots are possible with other trigger inputs in addition to Trigger Input 2.

\*9 You need to select "PD-120" for trigger type settings.

\*10 Positional sensing on rim is available.

\*11 Open/Close control is possible. Since the module is not fully compatible with the VH-11, the expressiveness of the half-open play is different from the TD-20X/12.

\*12 Compatible with "PAD/RIM" dual-triggering feature in EXT TRIG mode.

\*13 TD-9 uses a dedicated D-Sub connection cable for input; separate Crash 2 and AUX inputs are also provided.

TD-20X DRUM INSTRUMENTS

TD-20 DRUM INSTRUMENTS												
No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	
<b>KICK</b>												
1	22'Birch	K	57 Lo-Fi	K	112 Brush2	SR	167 10'Univ	T1	225 Swing	T1	281 ClscElec4	T1
2	22'Solid	K	<b>KICK ELEC</b>		<b>SNARE PROCESSED</b>		168 10'Univ	T1R	226 Swing	T2	282 ClscElec4	T2
3	22'StMple	K	58 Cosmic	K	113 Basic	SR	169 12'Univ	T2	227 Swing	T3	283 ClscElec4	T3
4	22'Maple	K	59 Hi-Q	K	114 Chunk	S	170 12'Univ	T2R	228 Swing	T4	284 ClscElec4	T4
5	22'Carbon	K	60 Analog1	K	115 ClapTail	S	171 14'Univ	T3	229 Pop1	T1	285 TR808	T1
6	22'CbrMple	K	61 Analog2	K	116 ClubDry	S	172 14'Univ	T3R	230 Pop1	T2	286 TR808	T2
7	22'GT	K	62 Analog3	K	117 Dump	S	173 16'Univ	T4	231 Pop1	T3	287 TR808	T3
8	22'TitanHp	K	63 ClscElec1	K	118 HopRim1	S	174 16'Univ	T4R	232 Pop1	T4	288 TR808	T4
9	22'Matogny	K	64 ClscElec2	K	119 HopRim2	S	175 12'Clasc	T1	233 Pop2	T1	289 TR909	T1
10	20'Lite	K	65 ClscElec3	K	120 HopRim3	S	176 12'Clasc	T1R	234 Pop2	T2	290 TR909	T2
11	22'RoseWd	K	66 ClscElec4	K	121 LrgGate	S	177 13'Clasc	T2	235 Pop2	T3	291 TR909	T3
12	22'Acoustic	K	67 ClscElec5	K	122 Pick	S	178 13'Clasc	T2R	236 Pop2	T4	292 TR909	T4
13	Recording1	K	68 ClscElec6	K	123 Planet	S	179 16'Clasc	T3	237 Round	T1	293 14'P-Hat	HH
14	Recording2	K	69 TR808 Kick	K	124 Rib	S	180 16'Clasc	T3R	238 Round	T2	348 China PkGBack	HH
15	Universal	K	70 TR909 Kick	K	125 23Step	S	181 18'Clasc	T4	239 Round	T3	349 Crash PkGBack	HH
16	BigOpen	K	<b>SNARE</b>		126 Lo-Fi	S	182 18'Clasc	T4R	240 Round	T4	<b>RIDE</b>	
17	JazzCombo1	K	71 RoundBdge	S	127 Round	XStk	183 12'Fiber	T1	241 80'sDry	T1	350 18'PRide	Rd
18	JazzCombo2	K	72 RoundBdge	SR	128 Cooly	XStk	184 12'Fiber	T1R	242 80'sDry	T2	351 18'PRide	RdB
19	Cannon	K	73 CoolyMple	S	129 70's	XStk	185 14'Fiber	T2	243 80'sDry	T3	352 18'PRide	RdEg
20	Roto	K	74 CoolyMple	SR	130 WoodBr	XStk	186 14'Fiber	T2R	244 80'sDry	T4	353 18'Pop	Rd
21	Booth	K	75 70'sMetal	S	131 13'	XStk	187 16'Fiber	T3	245 90'sBig	T1	354 18'Pop	RdB
22	Ballad	K	76 70'sMetal	SR	132 Alum	XStk	188 16'Fiber	T3R	246 90'sBig	T2	355 18'Pop	RdEg
23	Swing	K	77 WoodBrass	S	133 Titan	XStk	189 18'Fiber	T4	247 90'sBig	T3	356 20'Lite	Rd
24	Heavy	K	78 WoodBrass	SR	134 Skanky	XStk	190 18'Fiber	T4R	248 90'sBig	T4	357 20'Heavy	RdB
25	Can	K	79 13'Hole	S	135 30's	XStk	191 12'Maple	T1	249 90'sPower	T1	358 20'Heavy	RdEg
26	Fusion	K	80 13'Hole	SR	136 Reggae	XStk	192 12'Maple	T1R	250 90'sPower	T2	359 20'Med	Rd
27	Latin	K	81 Aluminum	S	137 Ballad	XStk	193 14'Maple	T2	251 90'sPower	T3	360 CR78	HH
28	Plywood	K	82 Aluminum	SR	138 Studio	XStk	194 14'Maple	T2R	252 90'sPower	T4	361 20'Med	RdB
29	Drum	K	83 BrassPico	S	139 Swing	XStk	195 16'Maple	T3	253 CR7809	HH	362 20'Turky	RdEg
30	DrumMed	K	84 Titanium	SR	140 Hard	XStk	196 16'Maple	T3R	254 OctaTom A		363 20'Turky	RdB
31	Dry	K	85 Skanky	S	141 Maple	XStk	197 18'Maple	T4	255 OctaTom B		364 20'Turky	RdEg
32	Solid	K	86 Skanky	SR	<b>SNARE ELEC</b>		198 18'Maple	T4R	256 OctaTom F		365 19'NY	Rd
33	Reso	K	87 30'sMaple	S	142 ClscElec1	S	199 12'Oak	T1	257 OctaTom G		366 19'NY	RdB
34	Vintage	K	88 30'sMaple	SR	143 ClscElec2	S	200 12'Oak	T1R	258 OctaTom E		367 19'NY	RdEg
35	OldMple	K	89 BrassPico	S	144 ClscElec3	S	201 14'Oak	T2	259 OctaTom D		368 20'Lite	RdEg
36	Hard	K	90 BrassPico	SR	145 ClscElec4	S	202 14'Oak	T2R	260 OctaTom C		369 20'Lite	RdB
37	BigLow	K	91 Booth	S	146 ClscElec5	S	203 16'Oak	T3	261 Mallet	T1	370 20'Lite	RdEg
38	Hybrid	K	92 Booth	SR	147 TR808 Snare	S	204 16'Oak	T3R	262 Mallet	T2	371 22'Clean	Rd
39	Gabba1	K	93 Studio	S	148 TR808 SnrRim	S	205 18'Oak	T4	263 Mallet	T3	372 22'Clean	RdB
40	Gabba2	K	94 Studio	SR	149 TR909 Snare	S	206 18'Oak	T4R	264 Mallet	T4	373 22'Clean	RdEg
41	Gabba3	K	95 Ballad	S	150 TR909 SnrRim	S	207 8'Rot	T1	<b>TOM BRUSH</b>		374 22'Clean	RdEg
42	KICK PROCESSED		96 Ballad	SR	<b>TOM</b>		208 8'Rot	T1R	320 18'Fast	CrEg	375 18'Formu	RdEg
43	Cartoon	K	97 Swing	SR	151 12'Birch	T1	209 10'Rot	T2	321 18'Med	CrEg	376 18'Formu	RdEg
44	Chicken	K	98 Street	S	152 12'Birch	T1R	210 10'Rot	T2R	322 18'Med	CrEg	377 20'Bell	Rd
45	Jive	K	99 Street	S	153 13'Birch	T2	211 12'Rot	T3	323 19'NY	CrEg	378 20'Bell	RdB
46	Layered	K	100 Lite	S	154 13'Birch	T2R	212 12'Rot	T3R	324 19'NY	CrEg	379 20'Bell	RdEg
47	Lazy	K	101 La Fat	S	155 16'Birch	T3	213 14'Rot	T4	269 ClscElec1	T1	325 18'Fast	CrEg
48	HardLow	K	102 Ring	S	156 16'Birch	T3R	214 14'Rot	T4R	270 ClscElec1	T2	326 18'Fast	RdEg
49	Alley	K	103 Whack	S	157 18'Birch	T4	215 16'Rot	T5	271 ClscElec1	T3	327 18'Fast	CrEg
50	DaFloor	K	104 Impulse	S	158 18'Birch	T4R	216 16'Rot	T6	272 ClscElec1	T4	328 Brush	Cr
51	Crash	K	105 Cruddy1	S	159 12'GT	T1	217 18'Rot	T7	273 ClscElec2	T1	329 Brush	CrEg
52	Plastic	K	106 Cruddy2	S	160 12'GT	T1R	218 18'Rot	T8	274 ClscElec2	T2	330 Mallet	Cr
53	Trip	K	107 HotRd	S	161 13'GT	T2	219 18'RotExLo1		275 ClscElec2	T3	<b>SPLASH</b>	
54	Gokigen	K	108 HotRd	SR	162 13'GT	T2R	220 18'RotExLo2		276 ClscElec2	T4	331 6'Splazh	SpEg
55	FX-Wah	K	109 Brush1	SR	163 16'GT	T3	221 Ballad	T1	277 ClscElec3	T1	332 6'Splazh	SpEg
56			110 Brush2	S	164 16'GT	T3R	222 Ballad	T2	278 ClscElec3	T2	333 8'Thin	SpEg
			111 Brush2	T4R	223 Ballad	T3	223 Ballad	T3	279 ClscElec3	T3	334 8'Thin	SpEg
					224 Ballad	T4	224 Ballad	T4	280 ClscElec3	T4	335 8'Beil	SpEg

TD-20 DRUM INSTRUMENTS

No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name
<b>EXP KICK</b>											
607	90sLow	K	607	90sLow	K	653	PrcsMetal	S	699	16'NCmpl	T5
608	AnalogQ1	K	608	AnalogQ2	K	654	PrcsMetal	SR	700	8'PKJaz	T5R
609	AnalogQ2	K	609	AnalogQ3	K	655	PrcsElec1	SR	701	8'PKJaz	T1R
610	AnalogQ3	K	610	AnalogQ4	K	656	PrcsElec1	S	702	8'PKJaz	T1R
611	Synthy	K	611	Synthy	K	657	PrcsElec2	S	703	10'PKJaz	T2
612	Filter1	K	612	Filter1	K	658	PrcsElec2	SR	704	10'PKJaz	T2R
613	Filter2	K	613	Filter2	K	659	PrcsStk	S	705	12'PKJaz	T3
614	Filter3	K	614	Filter3	K	660	PrcsNoise	S	706	12'PKJaz	T3R
615	Filter4	K	615	Filter4	K	661	DynaFilter	S	707	13'PKJaz	T4
616	Jungle	K	616	Jungle	K	662	ClscFat1	S	708	13'PKJaz	T4R
617	Exp Elec1	K	617	Exp Elec1	K	663	ClscFat1	SR	709	16'PKJaz	T5
618	FX Elec2	K	618	FX Elec2	K	664	ClscFat2	S	710	16'PKJaz	T5R
619	FX Elec3	K	619	FX Elec3	K	665	ClscFat2	SR	711	10'Rock	T1
620	FX Elec4	K	620	FX Elec4	K	666	SoundFX1	S	712	10'Rock	T1R
621	TightHd	K	621	TightHd	K	667	SoundFX2	S	713	12'Rock	T2
622	CustomWood	SR	622	CustomWood	SR	668	SoundFX3	S	714	12'Rock	T2R
623	80s Metal	S	623	80s Metal	S	669	SoundFX4	S	715	14'Rock	T3
624	80s Metal	SR	624	80s Metal	SR	670	SoundFX5	S	716	14'Rock	T3R
625	Bronze	S	625	Bronze	S	671	Distorted1	S	717	16'Rock	T4
626	Bronze	SR	626	Bronze	SR	672	Distorted2	S	718	16'Rock	T4R
627	CraStl	SR	627	CraStl	SR	673	Wood	XStk	719	18'Rock	T5
628	CraStl	SR	628	CraStl	SR	674	Wood	XStk	720	18'Rock	T5R
629	OpenBrass	SR	629	OpenBrass	SR	675	Brass	XStk	721	8'Pop	T1
630	OpenBrass	SR	630	OpenBrass	SR	676	80sMtl	XStk	722	8'Pop	T1R
631	50s King	K	631	50s King	K	677	50sKing	XStk	723	10'Pop	T2
632	50s King	SR	632	50s King	SR	678	WhAsh	XStk	724	10'Pop	T2R
633	50s King	SR	633	50s King	SR	679	Light	XStk	725	12'Pop	T3
634	50s King	SR	634	50s King	SR	680	Light	XStk	726	12'Pop	T3R
635	Solid1	K	635	Solid1	K	681	WhiteAsh	S	727	13'Pop	T4
636	Solid2	K	636	Solid2	K	682	ClscElec5	S	728	13'Pop	T4R
637	Solid3	K	637	Solid3	K	683	ClscElec6	S	729	16'Pop	T5
638	Solid4	K	638	Solid4	K	684	ClscElec7	S	730	16'Pop	T5R
639	Reverb	K	639	Reverb	K	685	ClscElec8	S	731	8'Aniq	T1
640	Reverb	K	640	Reverb	K	686	ClscElec9	S	732	8'Aniq	T1R
641	BreakBeats	K	641	BreakBeats	K	687	90sPower	S	733	10'Aniq	T2
642	BreakBeats	K	642	BreakBeats	K	688	90sPower	SR	734	10'Aniq	T2R
643	Stomp	K	643	Stomp	K	689	90sDist	S	735	12'Aniq	T3
644	Stomp	K	644	Stomp	K	690	90sReverb	S	736	12'Aniq	T3R
645	HandK	K	645	HandK	K	691	90sReverb	SR	737	13'Aniq	T4
646	HandK	K	646	HandK	K	692	90sReverb	SR	738	13'Aniq	T4R
647	WhiteAsh	S	647	WhiteAsh	S</						

# Sound Lists

## TD-9 PRESET SONGS

No.	Song Name	No.	Song Name	No.	Song Name	No.	Song Name	No.	Song Name	No.	Song Name	No.	Song Name	No.	Song Name
1	Altura Rock	6	Heavy Rock	11	ShuffleBlues	16	Urban R&B	21	Post Punk	26	FunkSolo Ptn	31	Mixture Ptn	36	NorthSoulPtn
2	Cool Jazz	7	Rock Ballad	12	Acid Jazz	17	NorthernSoul	22	Thrash Metal	27	ProgSolo Ptn	32	HeavyRockPtn	37	Ska Ptn
3	Neo Funk	8	Mixture Rock	13	Contemp Jazz	18	SouthernSoul	23	Skat	28	MedPosPtn	33	AcidJazz Ptn	43	Djembe
4	Medium Pops	9	70's Hard	14	Jazz Funk	19	Break Beat	24	Bossa Nova	29	70'sHard Ptn	34	R&B Ptn	44	AfroCuban6/8
5	New Disco	10	Prog Rock	15	Fusion	20	Jump'n Bass	25	JazzSolo Ptn	30	ContempJzPtn	35	BreakBeatPtn	45	Salsa

## TD-4 DRUM INSTRUMENTS

No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name		
<b>KICK</b>		<b>SNARE</b>		8	Brush R *1	16	TR909 R *1	15	TR808_3	5	TR909	7	TR808 E	<b>PERCUSSION</b>	16	TriangleOp	
1	Maple	1	Maple 1	9	Box	17	TR909_2	16	TR909_1	8	TR909 E	8	Elec	1	Bongo HI *3	17	TriangleCl
2	Deep	2	Maple 1 R *1	10	Whack	1	Wood 12"	17	TR909_3	9	CRASH	2	Bongo Lo	18	SleighBell		
3	Fiber	3	Maple 2 R *1	10	Whack R *1	3	Wood 13"	19	TR909_3	1	Medium16"	1	Heavy/B *2	3	Conga HI *3	19	TreeChimes
4	Compact	4	Steel	11	Barrel	4	Clear 14"	20	TR909_3	1	Medium16"E	1	Heavy/B *2	4	Conga Lo	20	OFF
5	Dark	5	Steel R *1	11	Barrel R *1	5	Clear 12"	21	TR909_3	2	Medium18"	1	Heavy	5	Timbale HI *3		
6	Vintage	6	Brass	12	Club	6	Clear 14"	21	TR909_3	2	Medium18"E	2	Heavy/E	6	Timbale Lo		
7	Tight	7	HatAttack	12	Club R *1	7	Fiber 12"	1	Bright	3	Dark 16"	3	Dark 16"	7	Cajon *3		
8	Solid	8	Solid	13	Clip	8	Fiber 13"	1	Bright E	4	Dark 18"	2	Lite/B *2	8	Cajon Bass		
9	Nu-Hip	9	Lite R *1	13	Clip R *1	9	Fiber 16"	2	Lite	4	Dark 18"	2	Lite	9	Claves		
11	Elec 1	6	Deep	14	Elec	10	Coated 12"	2	Lite E	5	Splash	2	Lite B	10	Shaker		
12	Elec 2	6	Deep R *1	14	Elec R *1	11	Coated 13"	3	Club	5	Splash E	3	Elec/B *2	11	Tambourine		
13	TR808	7	Open	15	TR808	12	Coated 16"	3	Club E	6	China E	3	Elec	12	Cowbell 1		
14	TR909	7	Open R *1	15	TR909 R *1	13	TR808_1	4	TR808	6	China E	3	Elec E	13	Cowbell 2		
		8	Brush	16	TR808_2	14	TR808_2	4	TR808 E	6	China E	3	Elec B	14	WoodBlockH		
										7	TR808_2	3	Elec B	15	WoodBlockL		

\*1: When playing cross stick, set "Xstick Volume" to anything other than "OFF". \*2: The ride and the bow sound will switch depending on the hitting strength. For these types of instruments, "B" is written in the name. \*3: The sound will switch depending on the hitting strength.  
 Concerning the snare sounds: "R" at the end of the name means that it is a rim shot sound. Concerning the cymbal sounds: "... E" or "B" at the end of the name means that it is an edge shot or a bell shot sound. Concerning the snare and cymbal sounds: ... Only the name of the head or the bow sound is shown in the factory preset settings. The rim or the edge sounds are automatically assigned.

## TD-4 PRESET DRUM KITS

No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name	No.	Kit Name		
1	V-Compact	4	Light	7	Fiber	10	Brushes	13	ARENA	16	Percussion	19	Techno	22	Abstract
2	Coated	5	Heavy	8	Short Tail	11	Studio	14	Oldies	17	ISOLATOR	20	Drum'nBass	23	Electronic
3	Power	6	Vintage	9	HALL	12	Tight	15	Reggae	18	HiPHop	21	House	24	TR-808
														25	TR-909

## SPD-20 PRESET INSTRUMENTS

No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	
<b>■Bass Drum (Kick)</b>		<b>■Hi-Hat Cymbal</b>		L77	Samba Loop *2	J10-J11	Matsuri Taiko x2	[Central America]	A15	TR-808 Hand Clap	E37	Drop		
b01-b03	Dry Kick	x3	h01-h05	Pop Hi-Hat	x5	L78	Shaker Loop *2	J12-J14	Taiko x3	A16	TR-909 Hand Clap	E38	Emergency	
b04	Meat Kick		h06-h10	Real Hi-Hat	x5	<b>■Indian Percussion</b>		J15	Matsuri			E39-E40	Woody	
b05	Pillow Kick		h11-h12	Brush Hi-Hat	x2	J16	Sarna Bell	J16	Yuko Dade					
						01	02-06	Bayia	x5	[Korea]				
b21-b22	Reverb Kick	x2	h26-h29	TR-808 Hi-Hat	x2	07-14	Tabla	x8	J17-18	Buk	x2			
b23-b25	Mondo Kick	x3	h30-h31	TR-909 Hi-Hat	x2	015-20	Pot Drum	x6	J19	Jang-Gu				
b26-b27	Snare Kick	x2	h32-h33	CR-78 Hi-Hat	x2	21-24	Dholak	x4	J20-J22	Jing	x3			
						25-27	Madal	x3	J23-J25	Gengari	x3			
b39-b44	TR-808 Kick	x6	<b>■Hi-Hat Cymbal for pedal control</b>		28	Khole		M20	Kalimba					
b45-b48	TR-909 Kick	x4	H01-H02	Pop Hi-Hat	x2	29-32	Dhol	x4	M21	Log Drum				
b49	TR-806 Distortion Kick		H17	Hand Cymbal Hi-Hat		33	Tabla Baya Loop *2		M22	Balaphone				
b50	CR-78 Kick		<b>■African/Middle Eastern/Australian/Other Percussion</b>		F01	Shekere		J35	Nao Bo					
<b>■Snare Drum</b>		<b>■Crash/Ride Cymbal</b>		C01-C04	Chinese Cymbal	x4	F02-F06	Djembe	x5	J36	Xiao Bo			
S01-S03	Piccolo Snare	x3		C05-C07	Chinese Cymbal	x3	F07-F09	Talking Drum	x3	J37-J38	Tam-Tam	x2		
S04-S06	Beech Snare	x3		C15-C20	Ride Cymbal	x6	F10-F13	Afro Drum	x4	J39-J42	Gong	x4		
S07-S09	Acoustic Snare	x3		C21-C26	Sizzle Ride Cymbal	x6	F14	Metal Castanets		J43	Finger Cymbal			
S10-S12	Steel Snare	x3		C35	TR-808 Cymbal		F15	Bell Tree		J44	Rama Cymbal			
S13-S15	Loose Snare	x3		C36	TR-906 Cymbal		F16-F17	Sagat	x2	J45-J46	Chenchen	x2		
S16-S21	Medium Snare	x6	<b>■Latin Percussion</b>		L01-L05	Bongo	x5	F18-F20	Darbuka	x3	J47-J48	Bail Cymbal	x2	
S22-S26	Concert Snare	x5		L06-L13	Conga	x8	F21-F22	Doira	x2	J49	Thai Gong			
S27	Roll Snare			L14-L18	Cowbell	x5	F23-F27	Doholla	x5	J50-J51	Jaws Harp	x2		
S39-S45	Brush Snare	x7		L19-L20	Claves	x2	F28-F31	Rek	x4	<b>■Orchestral Percussion</b>				
S46	Rock Snare			L21-L22	Guaro	x2	F32	Bendir		001	Sleigh Bell			
S47	Rocker Snare			L23	Electronic Snare	x2	F33	Dawul		002	Tree Chimes			
S70-S71	Jungle Snare	x2		L24-L26	Shaker	x3	F34	Castanets	x2	003-004	Triangle	x2		
S72-S73	Electronic Snare	x2		L27-L28	Tambourine	x2	F35	Boomerang		005-006	Triangle	x2		
S74-S75	TR-808 Snare	x2		L29-L32	Timbale	x4	F36	[Other]		007	Wood Block			
S76	TR-909 Snare			L33	Vibra Slap		F37	Bloom Bell		008	Slapstick			
S77	TR-707 Snare			L34-L38	Agogo	x5	F38			009-010	Concert Bass Drum	x2		
S78	TR-806 Snare			L39	Cabasa		F39	Afro Loop *2		011-014	Timpani	x4		
S79	CR-78 Snare			L40-L45	Caixa	x6	F40	Japan Loop *2		015	Church Bell			
S80-S86	Cross Stick	x7		L46-L52	Pandeleiro	x7	F41	Japanese/Korean/Chinese/Southeast Asian Percussion		016-018	Percussion Hit	x3		
<b>■Tom-Tom</b>		<b>■Japan/Korean/Chinese/Southeast Asian Percussion</b>		L53-L57	Surdo	x5	M01	Glockenspiel		019-024	Orchestra Hit	x6		
T01-T04	Big Tom	x4		L58-L61	Tamborim	x4	M02	Vibraphone		A01	DR-55 Claves			
T05-T08	Studio Tom	x4		L62-L65	Samba Whistle	x4	M03	Xylophone		A02	CR-78 Cowbell			
T09-T12	Jazz Tom	x4		L66	Room Tom	x2	J01	Biwa		A03	CR-78 Metallic Beat			
				L67-L70	Berimbau	x4	J02	Atarigane		A04	CR-78 Guiro			
				L71-L74	Caixa	x4	J03	Hyoshigi		A05	CR-78 Tambourine			
I27-I28	Room Tom	x2		L75	Rain Stick		J04	Tsuzumi		A06	CR-78 Maracas			
I29-I30	Acoustic Tom	x2		L76	Samba Bateria		J05-J07	Shime Taiko	x2	A07	CR-78 Bongo			
I38	TR-808 Tom						J08-J09			A08	CR-78 Claves			
I39-I40	TR-909 Tom	x2								A09	TR-707 Cowbell			

## HandSonic 15 PRESET INSTRUMENTS

No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name	No.	Inst Name			
<b>LATIN</b>		L98-I03	Berimbau	x5	F55-F57	Mongu	x3	I55	Dawul	x1	A33	Bend Gong	x1	
L01-L05.L07	Bongo Hi	x6	I04-I06	Caixa	x3	F58	Clapstick	x1	I56-I57	HmrDclmr	x2	A34	Yang Qin	x1
L06, L08	Bongo Lo	x2	I07-I08	Rain Stick	x2	F59	Boomerang	x1	A35-A36	Finger Cym	x2	A37	Rama Cymbal	x1
L09-L18			I09	SambaBateria	x1	F60	Bamboo	x1	A37			A38		
L28-L29	Conga Hi	x12	I10-I11	SpaceConga	x2	F61	BloomBell	x1	A02	Atarigane	x1	A40	Chenchen	x3
L19-L21.L30	Conga Lo	x10	I12-I13	E Conga	x2	F62			A03	Hyoshigi	x1	A41-A43	Bail Cym	x3
L31-L34	Cowbell	x4	I14-I25	AnalogPercs	x12	<b>INDIAN</b>			A04	Ohkawa	x1	A44	Thai Gong	x1
L35-L36	Claves	x2	<b>AFRICAN</b>		I02-I09	Sarna Bell	x1	A05-A06	Tsuzumi	x2	A45-A47	JawsHarp	x3	
L37-L40	Guaro	x4	F01	Shekere	x1	I10-I14	Tabla	x8	A07-A08	Shime Taiko	x2	A48	Bonang	x1
L41	Maracas	x1	F02-F07	Djembe	x6	I15-I19	Dholak	x5	A09-A10	MatsuriTaiko	x2	A49	Gender	x1
L42-L44	Shaker	x3	F08-F13	Small Djembe	x6	I20-I23	Madal	x4	A11-A12	Buk	x2	A50	Saron	x1
L45-L46	Tambourine	x2	F14-F16	TalkingDrum	x3	I24	Khole	x1	A13	Jang-Gu	x1	A51	Angklung	x1
L47-L49	Timbale	x13	F17-F20	Afro Drum	x4	I25-I28	Dhol	x4	A14-A15	Jing	x2	A52-A53	Gamelan	x2
L60	Vibra-slap	x1	F21	Metal Casta	x1	I29-I30	Sitar	x2	A16-A17	Gengari	x2	O01	Sleigh Bell	x1
L61-L62	Steel Drum	x2	F22-F31	Pot Drum	x10	I31-I32	Santor	x2	A18-A20	Ban Gu	x3	O02	Tree Chimes	x1
L63-L69	Agogo	x7	F32	Kalimba	x1	I33-I34	Tambura	x2	A21-A23	Gu	x3	O03	Castanets	x1
L70	Cabasa	x1	F33	Log Drum	x1	I35	Bell Tree	x1	A24-A25	Tang Gu	x2	O04	Claves	x1
L71-L78	Caixa	x8	F34-F41	Gyill	x8	I36-I38	Sagat	x3	A26-A27	Hu Yn Luo	x2	O05	Castanets	x1
L79-L84	Pandeleiro	x6	F42-F49	Balaphone	x8	I39-I41	Darbukka</							

# V-Drums Lite HD-1

## The All-In-One Kit For Every Home



The HD-1 is the proud recipient of:



\*V-Drums Lite HD-1 is available only as a complete kit. The sound source, pads, stands, etc., are not sold individually.  
\*Monitor speakers, mats, and sticks sold separately.

The HD-1 is forged from the same technology as its V-Drums predecessors, but it's smaller, more affordable, and much simpler to use. It's also incredibly quiet, thanks to the newly designed kick beater, cushioned tom pads, and snare head. Most of the HD-1's components are mounted on one stand for easy setup and transport, and for a clean look. Just take it out of the box and play.

### Great sound with complete volume control

The V-Drums Lite HD-1 has 10 carefully selected drum kits built in that inherit the powerful and expressive sound of flagship V-Drums kits. Thanks to the mesh-head snare, cushion tom head, and beaterless kick, the HD-1 enables noise-free playing with complete volume control.

#### Drum Kits

No.	Normal Kit	Variation Kit
01	Acoustic	Jazz
02	Power	Double Bass
03	Drum & Percussion	World
04	Electronic	Dance
05	Voices	Droid

### Simple control, convenient functions

The HD-1's ease of use is exemplified by its friendly layout of knobs and buttons. No guessing, no hunting through menus — everything is clearly labeled and easy to access, including handy features such as the built-in metronome and MIX-IN jack, which lets you incorporate digital-audio players into your practice and performances.



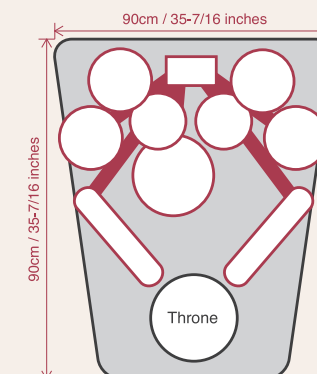
### From setup to performance, the included DVD shows you how

To enhance the experience of setting up and playing the drums, Roland provides a DVD manual with each HD-1. The content covers everything from kit assembly and operational controls to drumming rudiments and playing techniques. This easy-to-understand guide is sure to help even absolute beginners get a fast start.



### Space-Saving Design

#### ■Dimensions



\*Mat and throne sold separately.

A distinguishing feature of the HD-1 is its small footprint. For a drum kit, it requires far less space than you would imagine. Including the throne, it only occupies 90cm x 120cm (35-7/16" x 47-1/4") of floor space. It fits perfectly in a corner of any room.

### Learn more about V-Drums Lite on Roland.com!

[http://www.roland.com/V-Drums\\_Lite/](http://www.roland.com/V-Drums_Lite/)



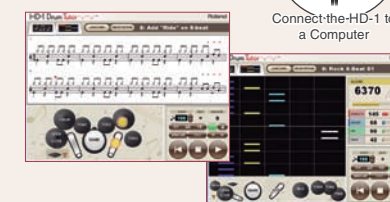
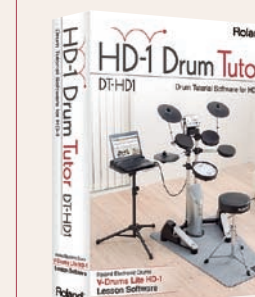
On Roland's official website you'll find a wealth of information on the HD-1, including movies, practice pieces, a Room Layout simulator, and other useful items that you can download free of charge.

#### SPECIFICATIONS

• Kit Configuration Kick Pedal, Snare, Hi-Hat, Hi-Hat Pedal, Tom x 3, Crash, Ride • Drum Kits 10 • Preview Patterns 10 • Controls Drum Kits buttons x 5, Variation button, Metronome button, Volume knob, Tempo knob • Metronome Tempo (40 to 220), Sounds (3 types), Volume (3 levels) • Connectors Output jack (Stereo miniature phone type)\*1, Headphone jack (Stereo miniature phone type), Mix In jack (Stereo miniature phone type), MIDI Out connector (5-pin DIN type), Trigger Cable connector (25-pin D-sub type) • Output Impedance 100Ω • Power Supply AC Adaptor (DC 9 V) • Current Draw 300 mA • Dimensions 850 (W) x 560 (D) x 1170 (H) mm / 33-1/2 (W) x 46-1/16 (D) x 46-1/16 (H) inches • Weight 15 kg / 33 lbs 2 oz (Excluding AC Adaptor) • Accessories Owner's Manual, Set-up Guide, Manual DVD, AC Adaptor (PSB-1U), Trigger Cable (Pre-wired in the DrumStand), Drum Key, Screwdriver, Roland Sticker \*1 Output Jack can be connected with headphones.

### OPTIONS

## HD-1 Drum Tutor DT-HD1



Accessories  
• UM-1G USB-MIDI Interface • HD-1 Drum Tutor CD-ROM  
• Audio Cable • Cable Tie • Install Guide

USB-MIDI Interface Included

Connect the HD-1 to a Computer

### Drum Tutorial Software for HD-1

Roland's HD-1 V-Drum Lite is a big hit with beginners around the world. To enhance the HD-1 experience and help drummers learn the fundamentals, Roland has created DT-HD1, a fun, educational interactive software application. Connect your HD-1 to a PC via USB, launch the software, and play along and learn.



System Requirements  
Operating System: Microsoft Windows XP SP2, Microsoft Windows Vista \* This does not work with the 64-bit Edition of Windows, CPU/Clock: Intel® Core, Pentium processor 1.2 GHz or higher (2.0 GHz or higher is recommended), RAM: 512 MB or more, Hard Disk: 25 MB or more, Display/Colors: 1024 x 768 or higher/65,536 colors (16 Bit High Color) or more, Others: CD-ROM Drive, USB Port

#### Personal Drum Monitor PM-01

Monitoring the HD-1 through headphones is ideal for private practice, but when you want your drumming to be heard in the room, the PM-01 personal monitor is the ideal solution. It's small, great-sounding, affordable, and a perfect cosmetic match for the HD-1.



#### V-Drums Accessory Package DAP-1

This handy drum accessory package is ideal for entry-level V-Drums owners, allowing them to start playing their V-Drums right out of the box.



#### V-Drums Mat TDM-1

This drum mat is specially designed for the HD-1 V-Drums Lite. It helps reduce vibration and protect against floor damage.



#### Support Stand for PC SS-PC1

Position your laptop next to the HD-1 with this sturdy, custom-built stand. It's an ideal accessory when using DT-HD1 software with the HD-1.



\*Computer not included

SPECIFICATIONS  
• Dimensions 640 mm / 25-1/4 inches (W), 555 mm / 21-7/8 inches (D), 600-950 mm / 23-5/8-37-7/16 inches (H) (height of mounting surface) \* Includes the tripod • Weight 3.5 kg / 7 lbs 12 oz • Size of notebook computers that can be mounted Up to E4 size 200-390 mm / 7-7/8-15-3/8 inches (W), up to 300 mm / up to 11-13/16 inches (D), 21-41 mm / 7/8-1-5/8 inches (H) (not including screen) \* It may not be possible to mount some designs of notebook computer • Weight capacity: 4 kg / 8 lbs 14 oz



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