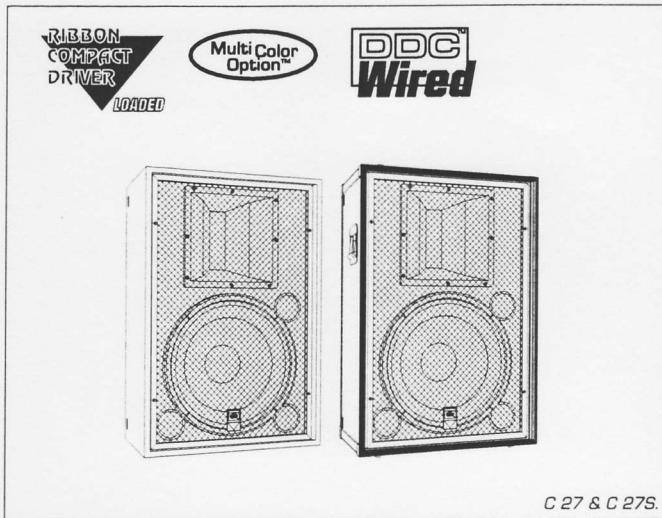




stage accompany

Technical specifications C 27 & C 27S



Placement

When placing the C 27(S) you can use either the tube stand or the integrated Uni-Rig™ flying system. If used with the tube stand you can combine this with a Bass Series cabinet.

Connection

The C 27(S) has two 4-pole Speakon connectors. If you use the C 27(S) cabinet in 'passive' mode, read the mentions below the connectors. If used in 'active' mode, read the mentions above the connectors (Caution: Incorrect connection when used in 'active' mode can cause damage to the loudspeaker components).

Active /Passive switch

The 'active/passive' switch is located on the connector-panel of the C 27(S) cabinet. This switch is submerged to avoid mistakenly switching of the 'active/passive' mode (Caution: Never switch to another mode when the cabinet is in use!).

C 27(S)

In this documentation you will find information about:

- Placement
- Connection
- Maintenance
- Active/Passive switch
- Options
- Flying system
- Dynamic Damping Control™
- Recommendation
- Technical specifications

Maintenance

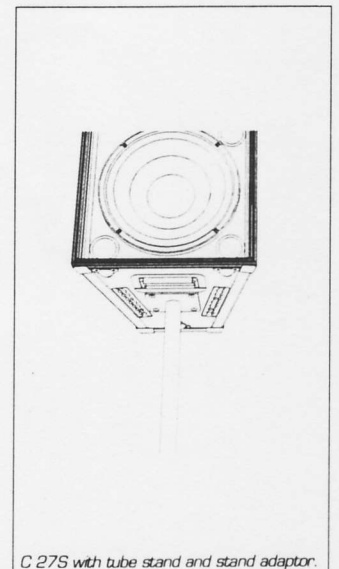
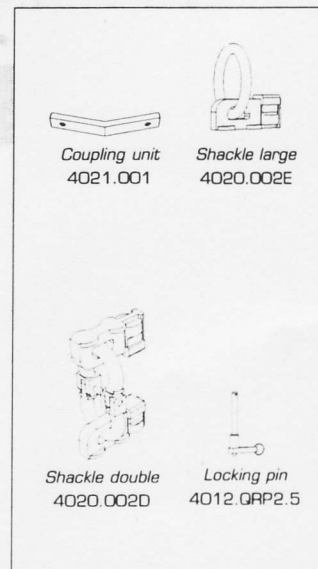
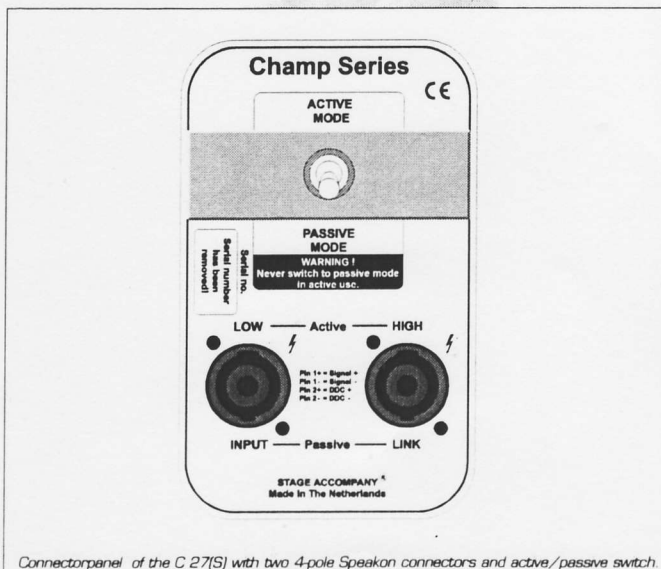
Maintenance on the C 27(S), especially on the drivers and filters is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

Options

The C 27 and C 27S are standard finished in blue or black. The standard version (C 27) is also available in any possible RAL color (Multi Color Option™).

Flying system

The C 27(S) is standard equipped with the Uni-Rig™ flying system. The accompanying "fly-ware" can be ordered at your local Stage Shop or dealer.

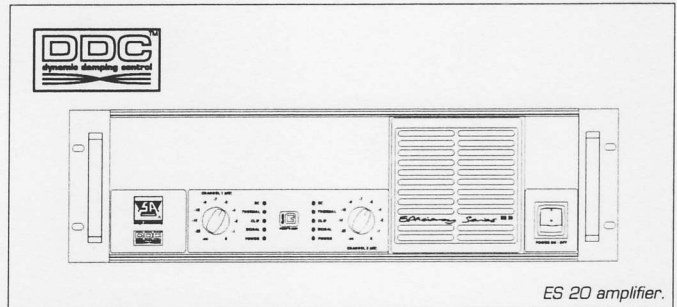
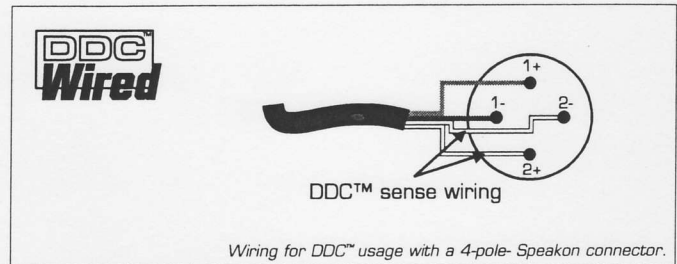


Dynamic Damping Control DDC™

For absolute top quality sound reproduction, the C 27(S) is completely pre wired for Dynamic Damping Control™. The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the (SA) amplifier. Through these "sense wires" the amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.

Recommendation

To use the C 27(S) we recommend the ES 20 power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite amplifier damping factor at the speaker terminals. To use the DDC™ system with an ES 20 amplifier, use Stage Accompany 4-pole LW Speakon cable. The ES 20's Extended Function Network (EFN™) module can provide suitable filtering within the amplifier.

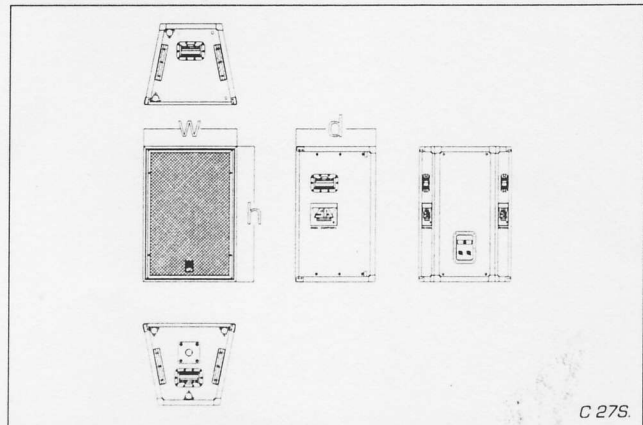
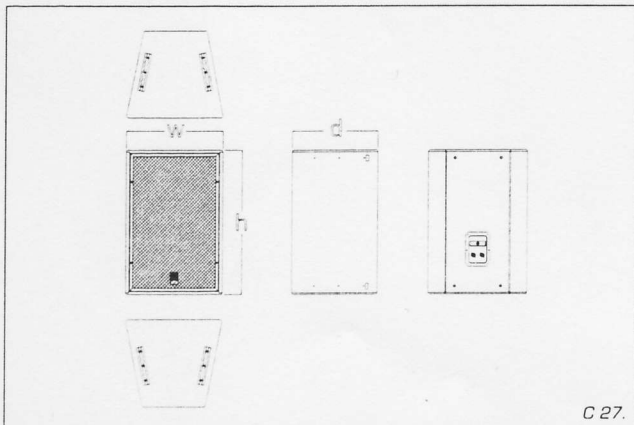


Technical specifications

Passive mode

Active mode

Frequency response	: 55 Hz - 30 kHz (+/- 3dB)	
Drivers	: 1 x SA 1502 LF driver, 1 x SA 8535 MF/HF driver	
Cross-over frequentie	: 1400 Hz	
Nominal impedance	: 8 Ω	8 Ω (LF) 13 Ω (HF)
Sensitivity @ 1W/1m	: 99 dB	100 dB (LF) 107 dB (HF)
Max. RMS power	: 400 W	400 W (LF) 60 W (HF)
Max. Peak power	: 1000 W	1000 W (LF) 1000 W (HF)
SPL program/peak (dB)	: 125/129	126/130 (LF), 125/137 (HF)
Dispersion (2 kHz H x V)	: 70° x 40°	
Color	: Blue, black, other colors on request	
Front	: Expanded metal grille + acoustic transparent cloth	
Connectors	: 2 x 4 pole Speakons; 1 x Input, 1 x Link	
Physical dimensions (h x w x d)	: C 27 758 x 516 x 450 mm (29.8 x 20.3 x 17.7 in.) C 27S 763 x 521 x 455 mm (30.0 x 20.5 x 17.9 in.)	
Weight	: C 27 40 kg (90 lb), C 27S 45 kg (99 lb)	



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