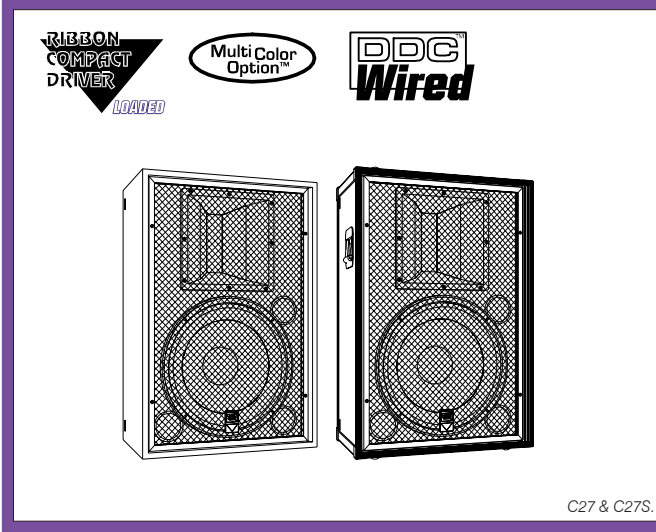




stage accompany

Technical specifications C27 & C27S



Champ C27(S)

In this documentation you will find information about:

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

Placement

When placing the C27(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 C27(S) has two 4-pole Speakon connectors. If you use the C27(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 C27(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!).

Maintenance

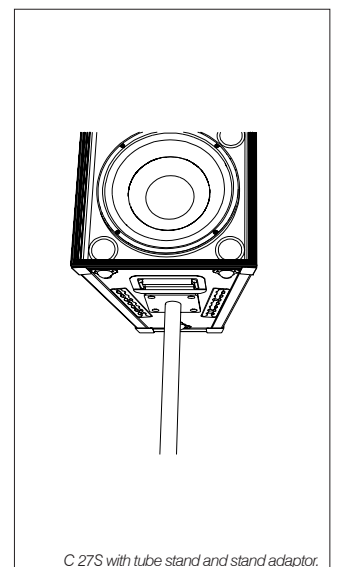
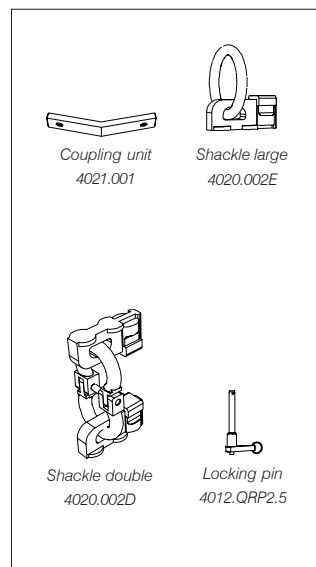
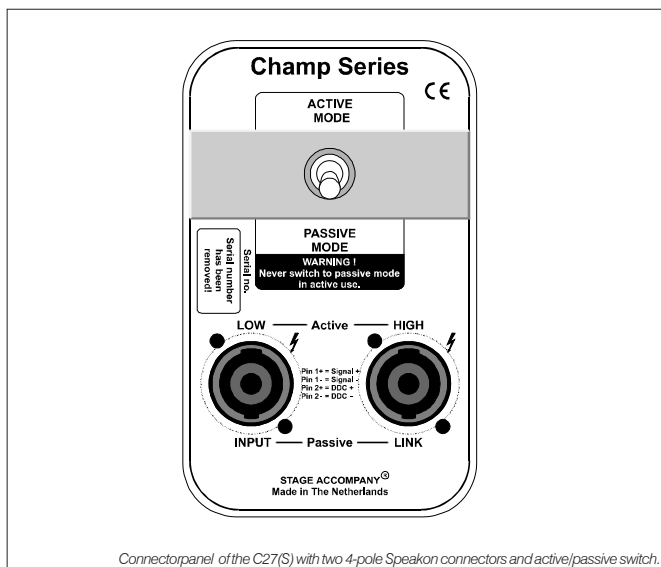
Maintenance on the C27(S), especially on the drivers and filters is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

Options

The C27 and C27S are standard finished in SA Black. The standard version (C27) is also available in any possible RAL color (Multi Color Option™).

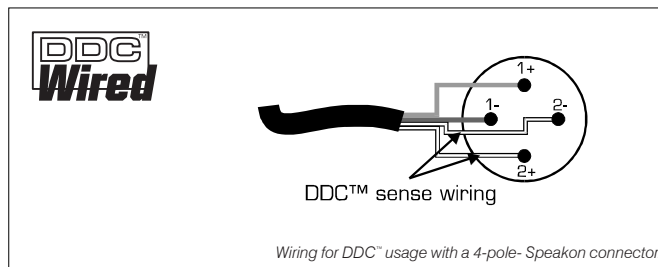
Flying system

The C27(S) is standard equipped with the Uni-Rig™ flying system. The accompanying "fly-ware" can be ordered at your local Stage Shop or dealer.



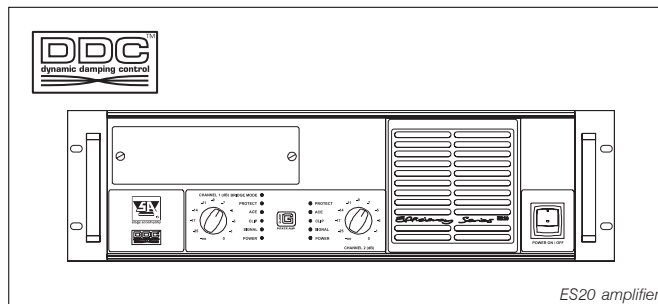
Dynamic Damping Control DDC™

For absolute top quality sound reproduction, the C27(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.



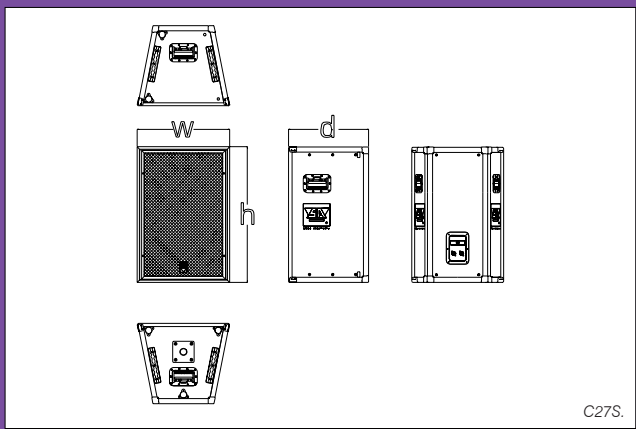
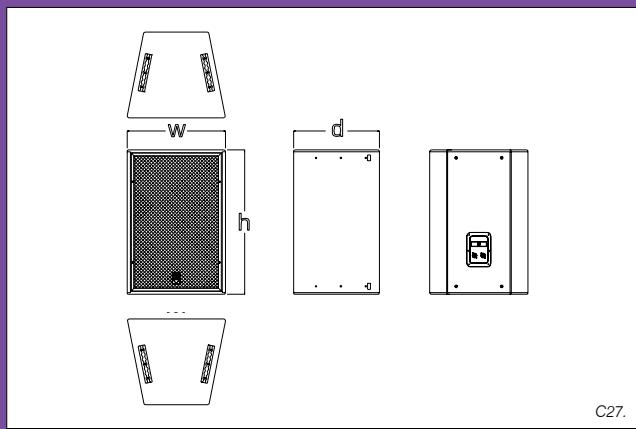
Recommendation

To use the C27(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 ES20 amplifier, use Stage Accompany 4-pole LW Speakon cable. The ES20'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 Ohm	8 Ohm (LF) 13 Ohm (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	: SA 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)	: C27 758 x 516 x 450 mm (29.8 x 20.3 x 17.7 in.) C27S 763 x 521 x 455 mm (30.0 x 20.5 x 17.9 in.)	
Weight	: C27 40 kg (90 lb), C27S 45 kg (99 lb)	



Stage Accompany
 Anodeweg 4
 1627 LJ HOORN
 The Netherlands
 Tel: +31 (0)229 282930
 Fax: +31 (0)229 282920
 E-mail: info@StageAccompany.com

© Copyright 1999-2005 Stage Accompany.
 The information in this document is continually being developed. Whilst every effort has been made to make it as accurate as possible, no warranty of accuracy is made or implied by the makers. Stage Accompany shall have neither liability, nor responsibility to any person or entity with respect to loss or damages in connection with or arising from the information contained in this document.

www.StageAccompany.com

That's How Music Should Sound!