User Manual

solutions C100



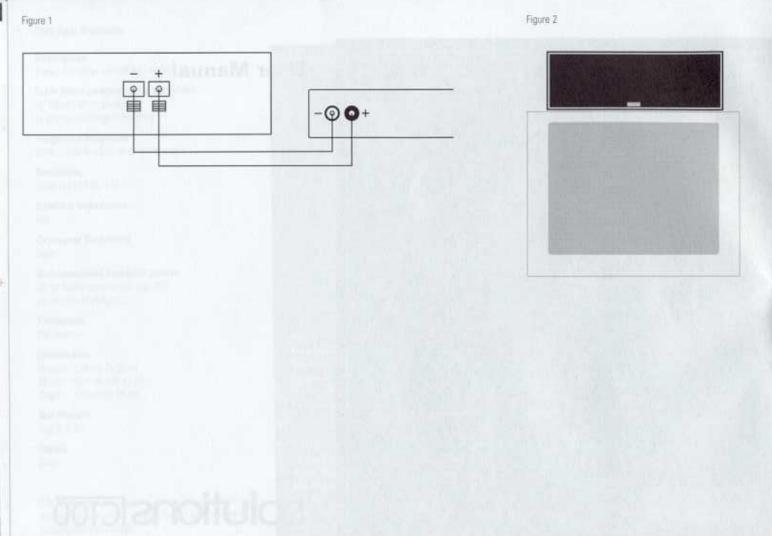
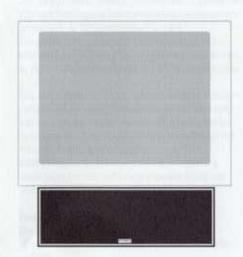


Figure 3



SOLID Solutions C100

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Introduction

Congratulations and thank you for choosing SOLID. This small but powerful centre channel monitor speaker has been stylishly designed for SOLID.

To ensure the maximum sound quality we teamed up with B&W Loudspeakers for the acoustical engineering of this high quality monitor speaker.

SOUD's gently curving front baffle design minimises unwanted diffraction and the fully moulded cabinet reduces troublesome internal cabinet resonances. B&W's renowned expertise has resulted in an exceptionally smooth-sounding unit giving remarkable detail.

Unpacking and aftercare

The SOLID carton contains:

- one SOLID Solutions C100 centre channel monitor speaker
- · four stick on rubber feet

We suggest you retain the packaging for future use.

The cabinet normally only requires dusting. If you wish to use an aerosol cleaner, remove the grille first by gently pulling it away from the cabinet. Spray onto the cleaning cloth, not directly onto the cabinet. The grille fabric may be cleaned with a normal clothes brush after removing the grille from the cabinet.

Avoid touching the drive units, especially the tweeter, as damage may result.

Connections (figure 1)

All connections should be made with the equipment turned off.

Connect the positive terminal on the speaker (marked + and coloured red) to the positive terminal on the power amplifier and negative (-, black) to negative. Failure to observe correct polarity will result in poor imaging and loss of bass.

Positioning (figures 2 & 3)

The ideal position for a centre channel speaker is in line with the centre of the screen. Position the speaker either immediately above or below the screen, choosing whichever position places the speaker nearest ear level. Line the front of the speaker approximately in line with the plane of the screen.

Fix the 4 self-adhesive rubber feet to the base of the speaker to protect both the surface on which the speaker stands and the underside of the speaker.

Distortion of television pictures

The drive units in the C100 are magnetically shielded so that the system may be used in close proximity to television and computer monitor screens, but the stray magnetic field can never be completely eliminated. The typical maximum value of the stray field at any point on the surface of the cabinet is 120A/m (flux density 1.5 gauss) which is low enough not to cause picture distortion with the vast majority of screens.

Description

2-way 4th-order vented-box system

Drive Units (magnetically shielded)

2x 100mm (4 in) bass/mid 1x 25mm (1 in) high-frequency

Frequency Response

95Hz - 20kHz ±3dB on reference axis

Sensitivity

90dB spl (2.83V, 1m)

Nominal Impedance

8Ω

Crossover Frequency

3kHz

Recommended amplifier power

Up to 100W continuous into 8Ω on unclipped program.

Protection

Polyswitch

Dimensions

Height: 138mm (5 ½ in) Width: 420mm (16 ½ in) Depth: 145mm (5 ¾ in)

Net Weight

3kg (6.6 lb)

Finish

Black

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