

SOLIDTM



HOME CINEMA SERIES

User Guide

INTRODUCTION

HCM 2 from Solid is the ultimate in compact monitor loudspeakers. The multi radius design of the **HCM 2** is a shelf-top or wall-mount loudspeaker of quite extraordinary versatility. It has been created with multi-use entertainment in mind. **HCM 2** can be used in any room in the house - its small size and unobtrusive mounting brackets enable it to fit into any decor.

It is magnetically shielded so it can be placed close to TVs or computer monitors without the danger of picture distortion that may be caused by conventional speakers. **HCM 2** is therefore ideal as a television speaker or in computer multimedia applications.

Advanced technology from Solid

HCM 2 features Solid's Acoustic Voice Matching (AVM), which ensures precise sonic integration with other members of the AVM family of speakers. Used as a rear channel speaker in combination with the more powerful Solid HCM 1 monitors for left, centre and right front channels and the Solid Active PowerBass subwoofer, a truly awesome home cinema experience can be created.

The specially designed bass/midrange driver uses a fibre cone with laminated damping layer. The tweeter has a critically damped polyester diaphragm to ensure good definition and imaging.

HCM 2 achieves phenomenal sound quality from such a physically small unit through its high sensitivity and 75 watt power handling capability. Its bass reflex loading ensures a free-field response maintained clean down to 80Hz. The speaker is protected against accidental overload by a thermal overload protection device.

Check the contents of the carton

Each **HCM 2** carton contains:

- A pair of **HCM 2** loudspeakers
- A pair of wall mount brackets

If anything is missing, please contact your dealer.

The packaging protects **HCM 2** from damage in transit and should be retained. If you need to transport the speakers at any time we recommend you re-use the original packaging.

Position for best results

HCM 2 can be used for stereo or in front left/right and rear/side positions in a home cinema system (figure 1).

1. For best results, we recommend you mount the **HCM 2** with its back close to a wall, where the bass response will be maintained right down to 55Hz. Try to keep the **HCM 2** away from corners as this excites room resonances and can upset the natural balance of the speaker.
2. When it is used as a front satellite, mount the **HCM 2** with the tweeter angled towards the listening area.
3. Used as a rear satellite speaker, try pointing the **HCM 2** away from the listeners to create a more diffuse sound field.

INSTALLATION

The supplied Close to Surface™ bracket allows you to adjust the speaker's horizontal angle. If you want to adjust the **HCM 2**'s vertical angle, an optional multi-angle bracket is available from your Solid dealer. To attach the **HCM 2** to the wall using the standard bracket (figure 2):

1. Mark the two screw positions on the mounting surface clearly and accurately. Be careful to use the correct screws or mounting bolts for your surface.
2. Attach the **HCM 2** to the bracket using the screw and washer supplied.

Electrical Connection

Connect Red + to Red + on your amplifier and Black - to Black -. Correct phasing of all speakers in an installation is vital. Loss of bass and poor imaging will result if this connection is incorrect.

For details on connecting the **HCM 2** in home cinema systems, please refer to your decoder manual.

HCM 2 contains a thermal overload protection device which turns down the input level when the safe power handling limit is reached. Under these conditions, the input to the speaker should be reduced.

Taking care of your HCM 2

The cabinets may be cleaned using a soft damp cloth. Avoid sprays which may damage the paint finish. The grilles may be lightly dusted using a soft brush.

Warning

Whilst every precaution has been taken to ensure the mechanical soundness of the **HCM 2** fixing arrangements, Rock Solid Sounds Incorporated Ltd. accepts no responsibility for damage or injury caused by failure of either the wall mount or its fixings.

SPECIFICATION

Cabinet	Toughened Co-Polymer multi radius construction
Enclosure Type	Vented-bass enclosure with 4th-order alignment
Drive Units	1x 100mm (4in) dia bass/midrange 1x 25mm (1in) dia high-frequency
Power Handling	75 watts
Sensitivity	87dB spl (2.83V, 1m)
Frequency Response	80Hz - 20kHz (± 3 dB)
Crossover Frequency	3.5kHz
Nominal Impedance	8 Ω

Protection	Polyswitch
Dimensions	Height: 202.5mm (8in) Width: 138mm (5.4in) Depth: 143mm (5.6in)
Weight	1.6kg (3.5lb)
Finishes	Black or White

Rock Solid Sounds Incorporated Ltd. reserves the right to amend details of the specification without notice, in line with technical developments.

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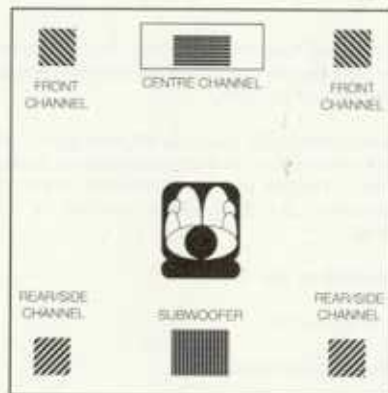


Fig 1. Typical Dolby Surround, Dolby Pro-Logic & Dolby Digital Room Layout

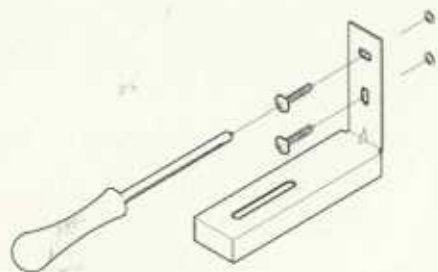


Figure 2.

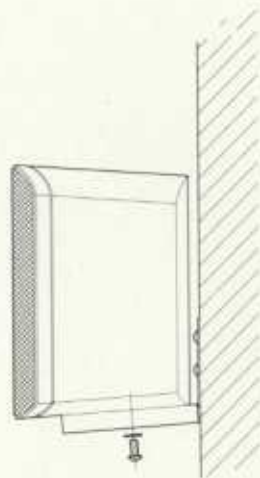


Figure 3.

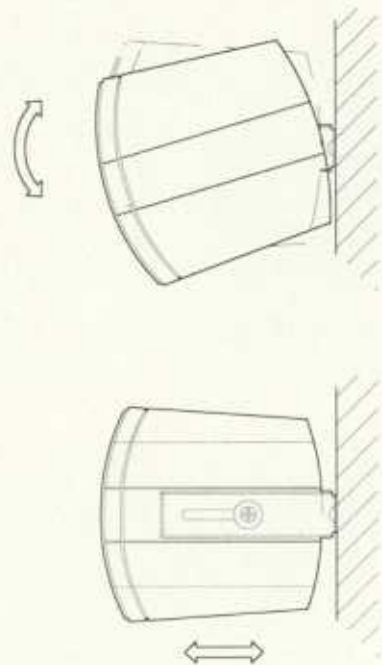


Figure 4.