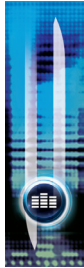


REFERENCE MONITOR RM-HD(E)1 INSTALLATION V1.01



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Reference Monitor RM-HD1 Installation Information

Fitting The Expansion Card

To install an RM-HD1 or RM-HDE1 expansion card into a Reference Monitor, follow the procedure below.

- 1) Remove the self tapping screw from the centre of the plate on the RM-HD(E)1 expansion board and remove the plate. Also remove the two 27mm M3 pillars from the rear of the expansion board.
- 2) Disconnect the Reference Monitor from the mains supply.
- 3) Remove the 19 M3 x 8mm countersink screws in the lid and take off the lid.
- 4) Remove the rear blanking plate from the Reference Monitor rear panel (4 x M3 x 6 screws).
- 5) Remove two Nylock nuts from the main PCB. (these are on the left of the unit when looking from the rear) and fit the two 27mm M3 pillars onto the exposed studs.
- 6) Place the expansion board plate into the rear of the unit and loosely fit it with the 4 x M3 x 6 screws (do not tighten fully yet as it will need to be loose to aid in the alignment of the expansion board).
- 7) Plug the expansion board trailing cable into the expansion connector on the main board and form the cable to fit under the expansion board (make sure that you check the orientation of the cable connector and that the retaining locks on the board connector clip over to hold the connector securely).
- 8) Insert the expansion board into the rear of the unit, putting the BNC connectors through the loose plate first.
- 9) Re-fit the expansion board to the plate with the self tap screw into the plastic mount on the board (do not tighten fully yet).
- 10) Screw the expansion board to the pillars with the M3 x 6 screws supplied (do not tighten fully yet)
- 11) Once in position, tighten all of the screws starting with the two screws into the 27mm pillars, then the self tapping screw in the expansion plate and finally tightening the expansion plate to the rear of the unit.
- 12) Refit the lid with the 19 off M3 x 8mm countersunk screws. (Note: Take care with this so as not to cross-thread the screws). Ensure that all screws are fitted loosely before finally tightening.
- 13) Reconnect your Reference Monitor to the mains supply and check operation.
- 14) Update the Reference Monitor's firmware to the latest version using the Sonifex SCI software. Full instructions for this are provided in the Reference Monitor handbook and the firmware is downloadable from the Sonifex website.

Please note DIP switch 10 should be set to off for RM-2S4 units.