

phone jacks and level control knobs clear the back panel. Then carefully lift the rear of the board to expose its top side (Figure 2.2).

5. Insert the MT-XLR cable through the back panel opening, and through the same chassis hole where the ribbon cable is routed.
6. Plug the MT-XLR connector into J1 on the main board. J1 is the five-pin header located immedi-

ately behind the Ground Lift Switch. The wires at the connector should face the rear.

7. Fasten the MT-XLR panel in place using the screws provided and reassemble the amplifier by reversing steps 4 through 2.

IMPORTANT: Make sure no wires impede the fan rotation.

8. Restore power to the unit and re-adjust the level controls.

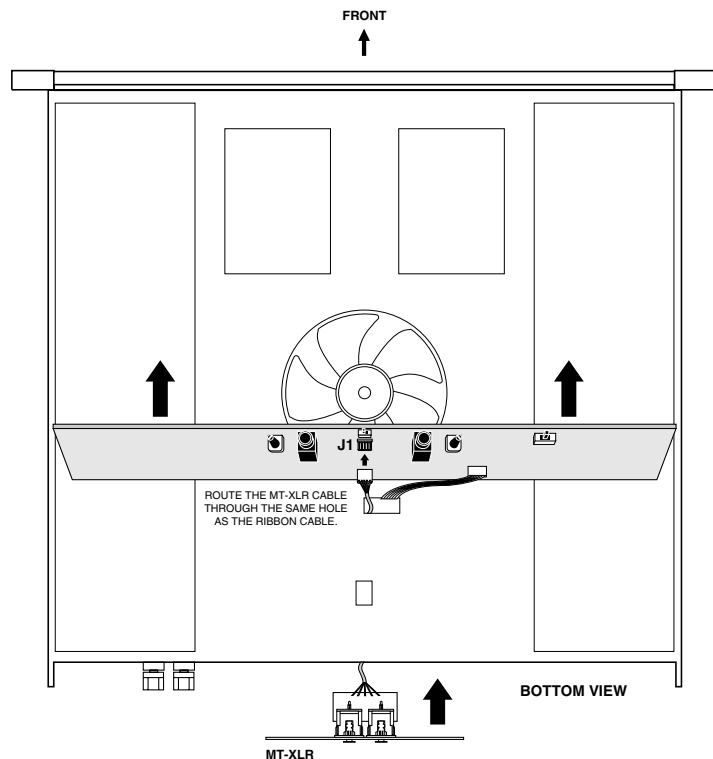
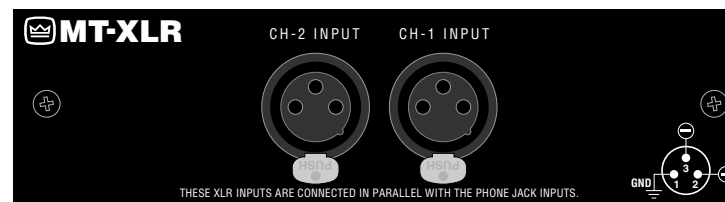


Fig. 2.2 Installing an MT-XLR

MT-XLR

REFERENCE MANUAL



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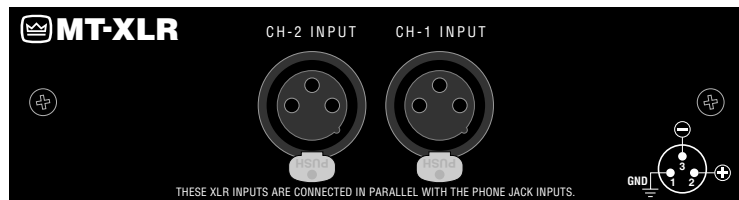


Fig. 1.1 MT-XLR

1 Welcome

The MT-XLR accessory panel is designed to give your Micro-Tech®, Power Base®, Power-Tech™ and CSL® amplifiers the same balanced XLR inputs which are standard for a Macro-Tech® amplifier. Installation requires access to the top side of the main circuit board and should only be attempted by a qualified technician.

The female XLR connectors are wired with the following pin assignments:

- Pin 1 Signal Ground
- Pin 2 Positive (+) Input (non-inverting)
- Pin 3 Negative (-) Input (inverting)

Balanced and unbalanced input wiring is shown in Figures 1.2 and 1.3. Notice that a jumper should

be installed between pins 1 and 3 when connecting an unbalanced source.

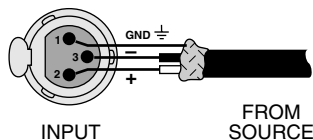


Fig. 1.2 Balanced Input Wiring

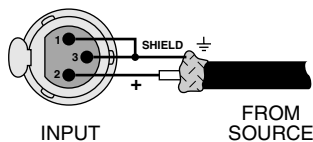


Fig. 1.3 Unbalanced Input Wiring

2 Installation

CAUTION: This input accessory panel should only be installed by qualified service personnel in the following manner:

1. Turn down the level controls (fully counterclockwise), turn off the amplifier and unplug it from the AC power source.
2. Remove the filter/grill from the front panel (3 Phillips screws). Remove the cover plate from the

back panel (2 Phillips screws).

3. Lay the amplifier upside down and remove the bottom cover (8 Phillips screws).
4. Locate the main board (Figure 2.1) and remove the two Phillips screws which secure it to the chassis. Remove the nuts which secure the input phone jacks to the rear panel. Slide the main board toward the front until the

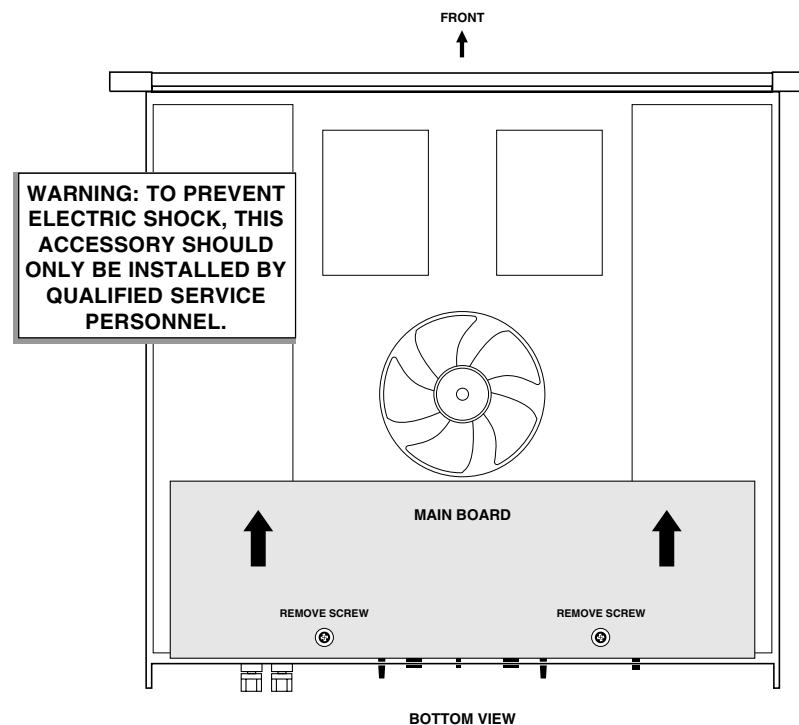


Fig. 2.1 Inside a Micro-Tech