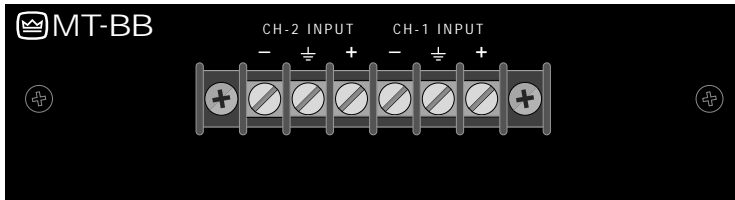


# MT-BB

## REFERENCE MANUAL



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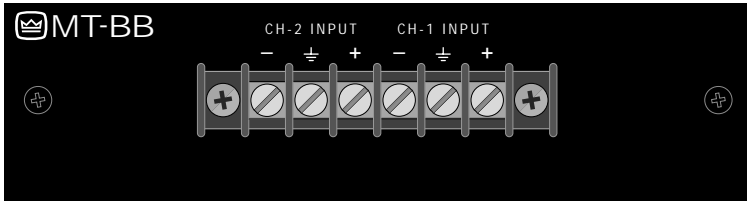


Fig. 1.1 MT-BB

## 1 Welcome

The *MT-BB* Accessory Panel is designed to give your *Micro-Tech*<sup>®</sup>, *Power Base* or *CSL*<sup>™</sup> amplifier barrier block type inputs for permanent installations. Installing it requires the access of the top side of the Main Circuit Board and should only be attempted by a qualified technician.

The barrier block connector is wired as follows:

- Negative Input (inverting)
- ⊥ Signal Ground
- + Positive Input (non-inverting)

Both balanced and unbalanced input wiring are shown in Figures 1.2 and 1.3 opposite. Please note the jumper between pins 1 and 3 when connecting an unbalanced line to the input.

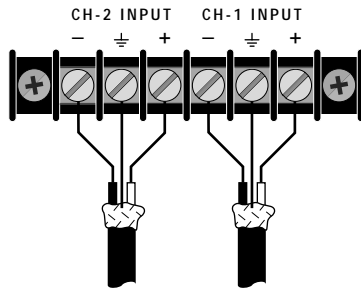


Fig. 1.2 Balanced Input Wiring

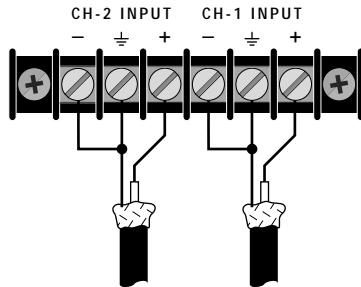


Fig. 1.3 Unbalanced Input Wiring

## 2 Installation

**CAUTION:** The *MT-BB* should only be installed by qualified service personnel in the following manner:

1. Turn down the level controls (full counterclockwise), turn off the amplifier and unplug it from the AC power source.
2. Remove the filter/grille from the front panel (3 phillips screws). Remove the rear cover plate on the rear 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 that secure it to the chassis. Remove the nuts that secure the input phone jacks to the rear panel. Lift the front of the Main Board to clear the stand-offs. Slide the Main Board toward the front until the phone jacks and level control shafts clear the rear panel then carefully lift the rear of the board to expose its top side (Figure 2.2).

FRONT  
↑

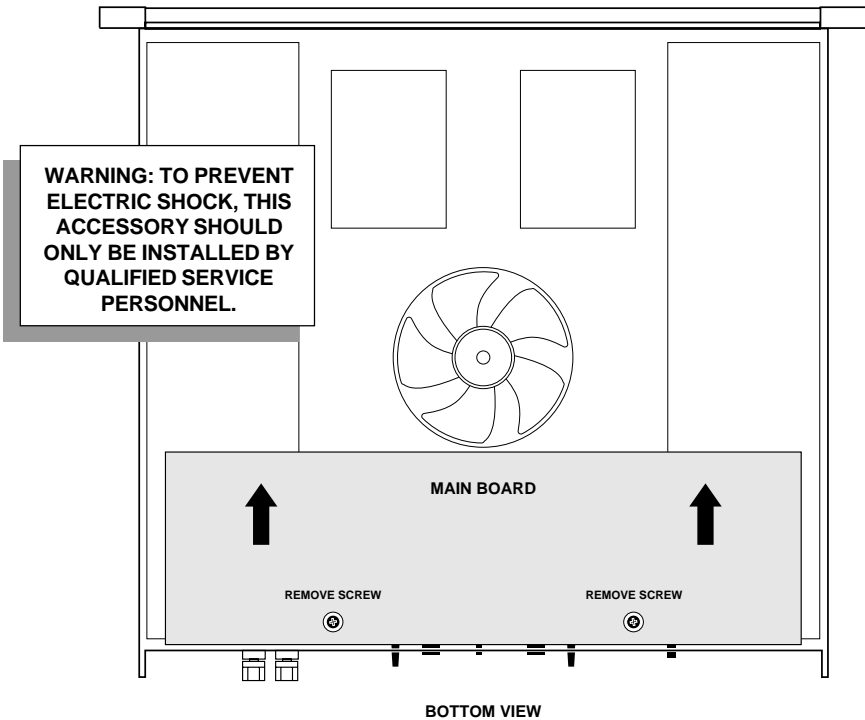


Fig. 2.1 Inside an Amplifier

5. Insert the cable of the *MT-BB* through the rear panel opening, and through the rectangular chassis hole directly behind the fan.
6. Plug the *MT-BB* connector into J1 on the Main Board. J1 is the five-pin header located immediately behind the Ground Lift Switch. The wires at the connector should face the rear with the black wire on the left and the green wire on the right.
7. Fasten the *MT-BB* panel in place using the screws provided and reassemble the amplifier by reversing steps 4 through 2.
8. Restore power to the unit and readjust the level controls.

**IMPORTANT: Check that no wires impede the fan rotation.**

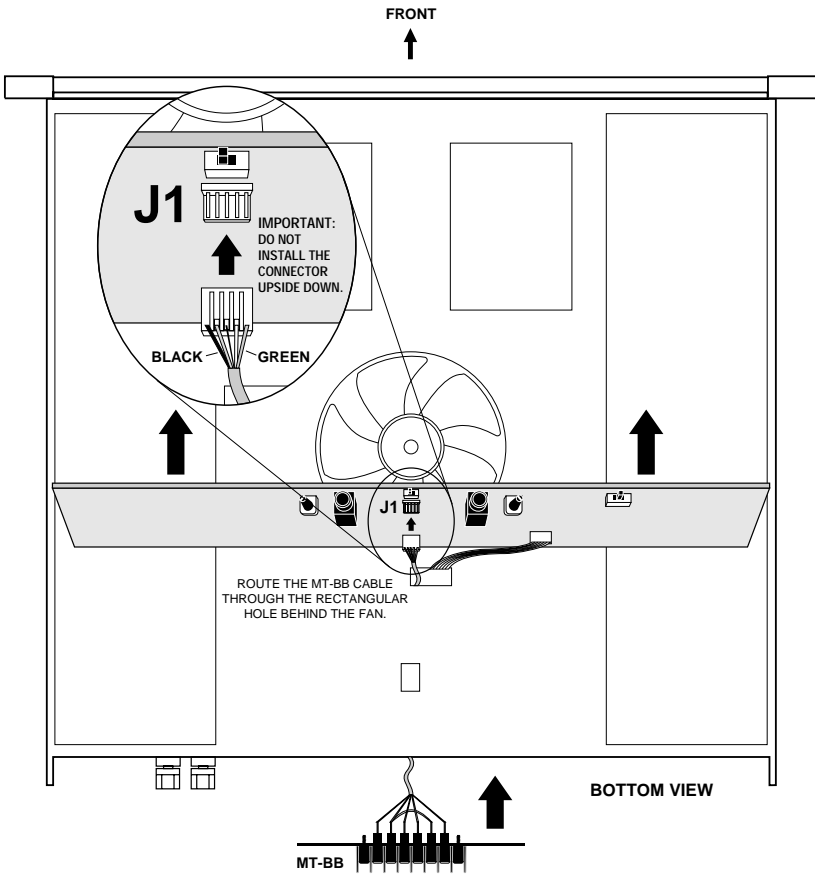


Fig. 2.2 Installing an *MT-BB*