

INSTALLATION INSTRUCTIONS

MODEL CSM1 MRC44 Current Sense Module



Figure 1 – CSM1 MRC44 Current Sense Module

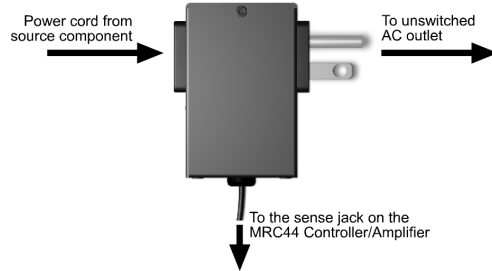


Figure 2 – CSM1 Connections

Sense Input Connections (MRC44 Controller)

The sense input connection will typically be used to sense the power state of a source component using the Xantech CSM1 Current Sense Module. Plug the 3.5mm miniplug from the CSM1 into the appropriate sense jack. Be careful to match the source audio and video connection number on the MRC44 to the sense jack number. The CSM1 plugs into an AC power source. The component power cord plugs into the CSM1 (see Figure 2).

CSM1 Threshold Adjustments

- First, make sure the 3.5mm mini-plug is plugged into the appropriate sense jack on the MRC44 and that the MRC44 is powered ON. (The CSM1 gets low-voltage DC power from the MRC44 – not from the AC line.)
- Select the correct position of the RANGE slider switch – the HI position is for devices with a high current draw when ON, the LO position is for devices with a low current draw when ON (based upon the lowest current draw state of the component when ON).
- Manually turn the component ON.
- Using a small (1/8" wide) blade screwdriver, rotate the current control to the full CLOCKWISE position (LO CURRENT).
- Rotate the control COUNTER-CLOCKWISE (towards the HI CURRENT position) until the Threshold Adjustment LED goes OFF.
- Turn the component OFF manually.
- Rotate the control CLOCKWISE until the Threshold Adjustment just goes ON.
- Set the control to a point midway between these two settings. This should be the correct setting.

NOTE 1: If you have trouble with the threshold adjustment correctly detecting the ON and OFF states of the component, try changing the RANGE slider to the opposite position and then try the adjustment again.

NOTE 2: If the Threshold Adjustment LED does not go ON and OFF with the component power, make minor adjustments to the threshold adjust until the LED is in proper sync.

NOTE 3: Program IR commands for the MRC44 Controller current sensing as described in the MRC44 Installation Instructions, "PROGRAMMING SENSE CODES".

XANTECH CORPORATION
12950 Bradley Avenue, Sylmar CA 91342-3829
phone 818.362.0353 • fax 818.362.9506
www.xantech.com