

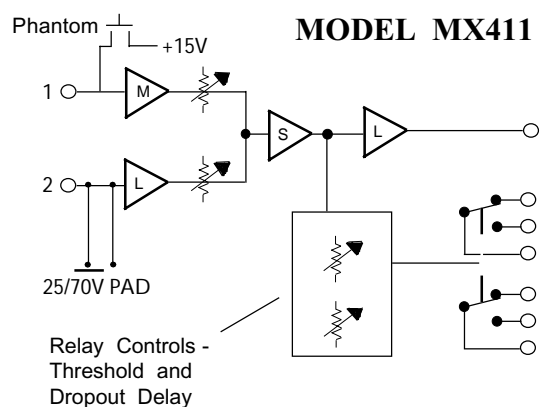
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All Quicktrack products use a consistent ground scheme. The MXT-1 power supply provides the necessary ground conductor. Power supplies without the 3rd conductor ground should not be used with Quicktrack products.

**CAUTION:** Do not plug power supply into AC receptacle until the secondary conductors have been attached to the Quicktrack module. Doing so may cause the power supply conductors to short and damage the supply.

Installation steps for the Quicktrack modules are as follows;

- 1- Remove the cover screw (All modules except MX410) and cover.
- 2- Press down on the lower edge of the Quicktrack mounting extrusion until the lower edge of the printed circuit assembly comes free.
- 3- Slip the printed circuit assembly out of the upper edge of the mounting extrusion.
- 4- Mount the Quicktrack mounting extrusion in an appropriate location, away from moisture, heat sources, and AC fields.
- 5- Connect all audio connections to the barrier connector using double conductor shielded cables designed for low level audio signals. Do not use multiple solid conductor cables.
- 6- Connect the 3 power supply conductors to the power supply connection points on the barrier connector.
- 7- Plug the power supply into an AC receptacle.
- 8- Check for proper illumination of the LED power indicator.
- 9- Adjust all audio levels as necessary.
- 10- Mount the cover onto the Quicktrack module being careful not to over-tighten the mounting screw.



The Model MX411 has one mic input, and one line input, mixed to a common signal, and sent to the output. Both inputs have adjustable gain. The mic input has a push-on jumper for internal 15 volt phantom power. The line input has a switchable pad to allow either standard line level signals (0dBv Ref.), or 25/70 Volt signals.

The threshold and the dropout delay for the relay are adjustable. Audio signals entering either input can be used to activate the relay.

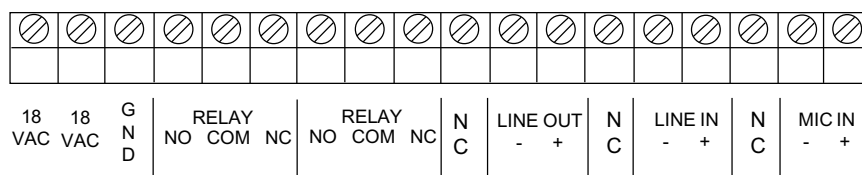
Both inputs and the output are electronically balanced. The output may be used in either a balanced or unbalanced configuration. Requires low voltage AC power (See MXT-1).

All initial adjustments on the MX411 are made at the factory. If after installing the unit higher or lower output levels are desired follow these steps.

Adjust audio levels for desired output before adjusting.

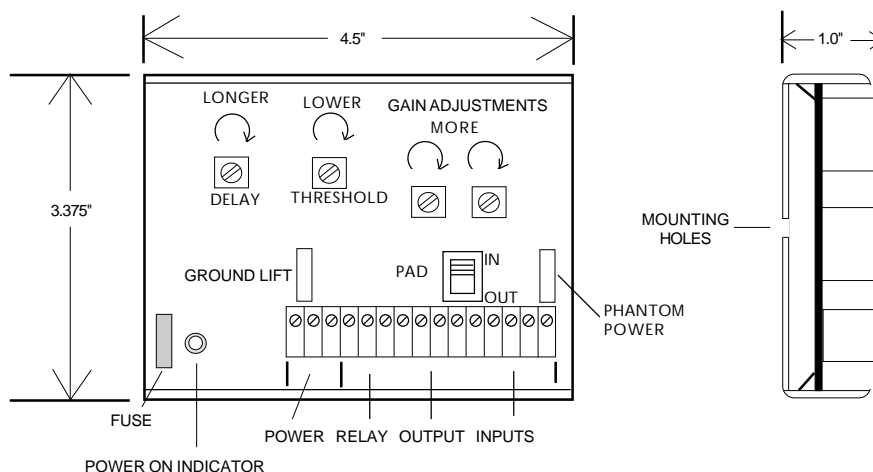
Next adjust threshold and delay trimpots for desired triggering and dropout delay.

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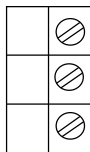
### CONNECTIONS

ALL  
QUICKTRACK  
PRODUCTS  
USE  
CONSISTENT  
GROUNDING  
SCHEMES  
AND  
PACKAGING

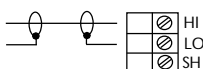


POWER FROM  
MXT  
TRANSFORMER

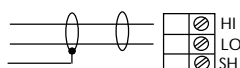
RED - AC  
BLACK - AC  
GREEN - (GND)



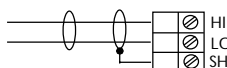
UNBALANCED LINE INPUT  
CONNECTION



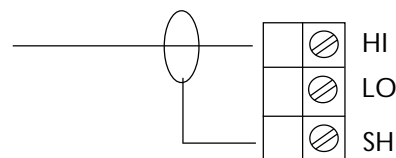
BALANCED LINE INPUT  
CONNECTION



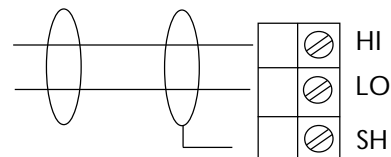
MICROPHONE INPUT  
CONNECTION

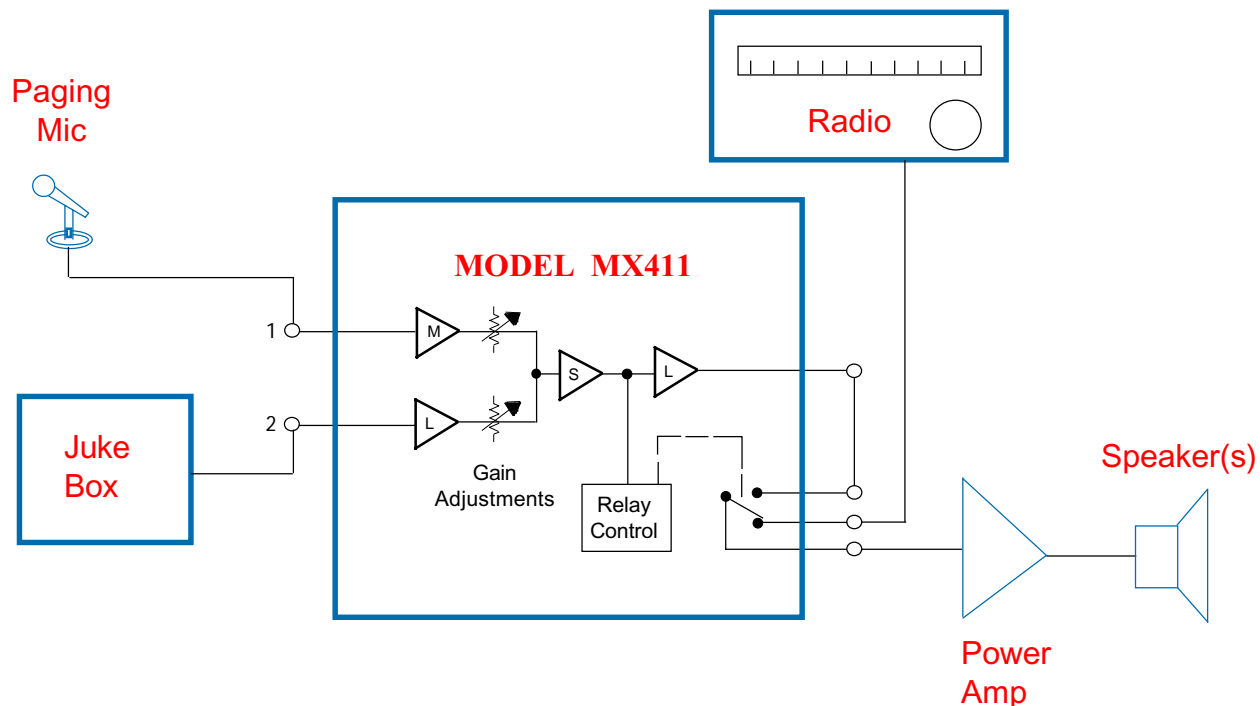


UNBALANCED LINE OUTPUT  
CONNECTION



BALANCED LINE OUTPUT  
CONNECTION





When patrons play the juke box, the MX411 automatically switches from the radio to the juke box.

If a page is made, while the radio is playing, the MX411 automatically switches from the radio to the page signal.

If a page is made while the juke box is playing, the page is heard while the juke box plays.

When the page is over, or the juke box stops playing, the MX411 automatically switches back to the radio.

The radio is used as an example music source. It could be a cassette or CD player.

This set-up frees restaurant employees from having to do the switching.