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DIRECTIONS FOR IRX-1 OPERATIONS Version IRX-1JT

HOOK-UP

Connect 12VDC to the coaxial power jack. The two SPDT relay contacts are available on the terminal block.

PROGRAMMING

You can have up to 16 boards in one room. Each board has a 4 position DIP switch used to set the address of the individual board. The address switches are marked A1, A2, A4, and A8 and follow standard binary coding. Set the DIP switch to the code that you wish to use for your board and point the IR LED at the Universal Remote control and place it in “Learn” mode. Then slide the PGM switch to the ON position to program relay one. The green LED will flash on and off. The Universal Remote should beep or give some other indication that it has received the code generated by the board. To program relay two, turn on Dip switch position 7, SEL 1, and follow the same procedure. When finished programming turn off the PGM Switch.

OPERATION

You must slide the “PGM” switch back to the off position. There are three modes of operation.

MODE 1: When SEL 1 is off both relays are toggle on/off. When you point your remote at the board and press the button associated with it, it should toggle the relay on and off. The red LED’s will turn on and off with the relays.

MODE 2: When SEL 1 is on the relays will operate in a “mutually exclusive” mode. In other words, when relay one is turned on relay two will be turned off if it was previously on, relay one will turn off. Each relay will also toggle off if its control button is pressed again when it is on. With the JT version a 35 second timer is set each time an IR control burst is received. After 35 seconds of no new control signals whichever relay is on will turn off.

MODE 3: When SEL 2 is on, each relay will pulse momentarily for about 1 second when its code is received.