

APPENDIX H
: USER'S MANUAL

Information To The User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

Warning

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

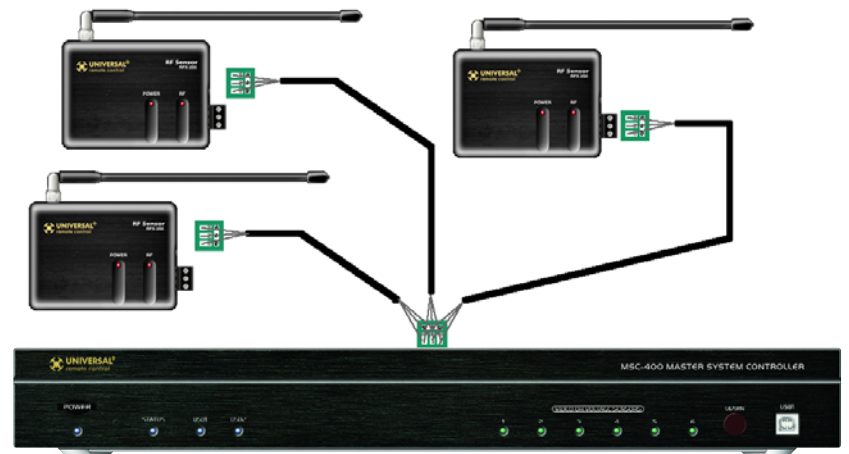


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RFX-250 Installation Manual

Optimizing Narrow Band Reception with the MRF-300 or MSC-400



Universal Remote Control®

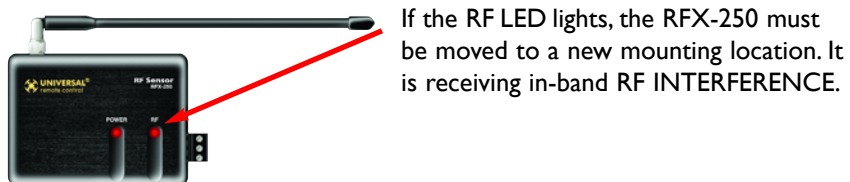
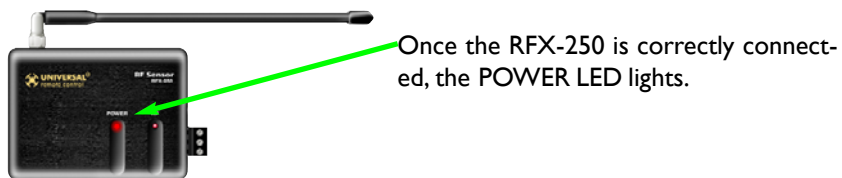
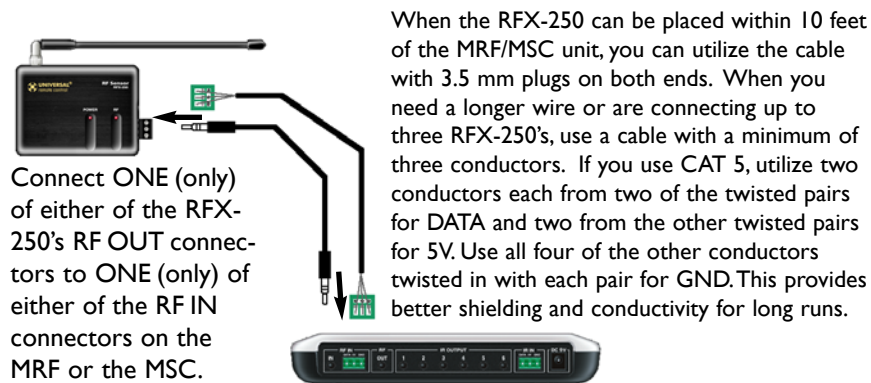
Overview - Compatibility

The RFX-250 is a narrow band RF receiver. It replaces an RFX-150 receiver in either an MRF-300 or MSC-400 system. It is tuned to receive a much narrower band and is more immune to the interference found near component racks (generated by microprocessors and power supplies). It is NOT compatible with all URC remote controls.

NOTE: The RFX-250 is ONLY compatible with the current versions of the MX-3000, MX-950, MX-900 and the TX-1000 remote controls. The RFX-250 is NOT compatible with MX-3000 remote controls manufactured before April 1, 2005.

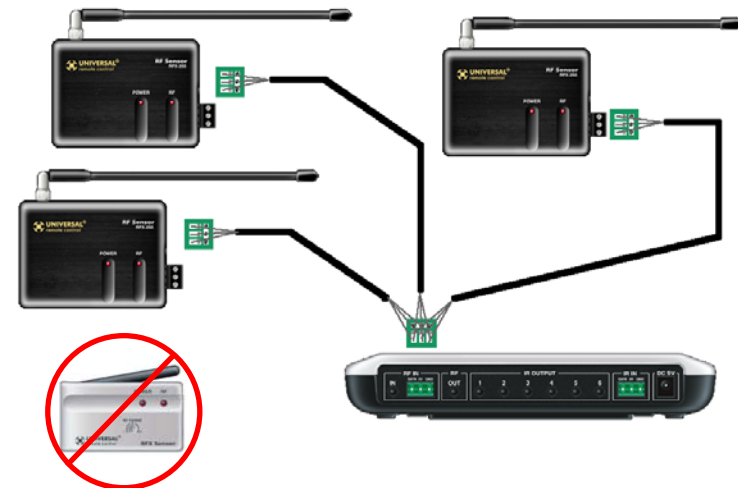
You can identify the build date of an MX-3000 by looking at the serial number. The first 6 digits indicate the build date. If the serial number appears as 122905 014054, the first 6 digits indicate that the remote was built on December 29, 2005.

Connections



Optimizing Range and Reliability

1. Power on all AV components, dim all dimmers to 50% and power on anything that may create RF (particularly devices with high speed microprocessors or hard drives). Observe the RF LED of the RFX-250 by cupping your hand over it. If it is glowing or flickering you must relocate the RFX-250. If you cannot relocate the RFX-250, try removing its antenna.
2. Once you have found a location that is absolutely clean with everything on, test to see if the range is adequate and that macro reliability is perfect. Start with the antenna angle set to 45 degrees and positioned so that the long side of the antenna is facing the customer's favorite seating position.
3. When testing, set both the remote and the MRF/MSU to the same VALID RFID#. Keep in mind that zero (0) is not a valid RFID#. Watch the STATUS LED on MRF/MSU - it should light every time you press a button on the remote. This will tell you that the signal was received and understood. Ignore the RF LED on the RFX-250 (it only indicates that a signal was received, not that it was understood).
4. If the range is inadequate, you may extend wire to any area that is not giving good results and place an additional RFX-250 in that area. Up to three RFX-250's can be connected to each MRF/MSU.



NOTE: The RFX-250 is ONLY compatible with additional RFX-250s. You cannot mix RFX-150s in a system with RFX-250s.