

# RF Smart Repeater

## Model SR731

### INSTALLATION AND OPERATING INSTRUCTIONS

The RF Smart Repeater is designed to increase the range of X10 wireless remote controls, motion sensors, and security products that operate at 310 MHz. It does this by boosting and retransmitting RF signals it receives from those products. You should locate the RF Smart Repeater somewhere centrally between the product you are transmitting from and the product you want to receive the repeated commands. In some instances you might need to experiment with the location so that the receiver doesn't see the repeated commands as well as the original commands, although in most instances this is not likely to be a problem.

#### INSTALLING THE REPEATER

1. Find a suitable location, preferably at least 3 feet above the ground and centrally located between the transmitter and the receiver.
2. Plug the Smart Repeater into an AC outlet. Extend the antenna.
3. Set the codewheel on the Smart Repeater to any letter between A and D. If you are using more than one repeater, set each one to a different sequential letter. Install each repeater at least 50 ft. apart. Experiment with placement. Note, ABCD is the same as EFGH, or IJKL or MNOP.

#### TESTING THE SMART REPEATER

1. Set the housecode on an X10 Transceiver to M (its Unit Code is always 1).
2. Press the TEST button on the Smart Repeater. The Transceiver clicks on and off for each successive press.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

**NOTE:** Modifications to this product will void the user's authority to operate this equipment.

#### X10 Wireless Technology, Inc. Limited One Year Warranty

X10.com, a division of X10 Wireless Technology, Inc. (X10) warrants X10 products to be free from defective material and workmanship for a period of one (1) year from the original date of purchase at retail. X10 agrees to repair or replace, at its sole discretion, a defective X10 product if returned to X10 within the warranty period and with proof of purchase. If service is required under this warranty:

Call 1-800-442-5065, visit [www.x10.com](http://www.x10.com), or e-mail [support@x10.com](mailto:support@x10.com).

**For help or more information on setup, please visit:**

**<http://www.x10.com/support>**