

# Remote Control Extender

With the Remote Control Extender, you have complete control of your digital satellite receiver and other entertainment system components from anywhere inside of the house. It converts IR (Infra-Red) signals emitted by the remote control into a powerful radio signal which is then broadcast up to a distance of 150 feet to the receiver base station. No tools are needed to install the Remote Extender.

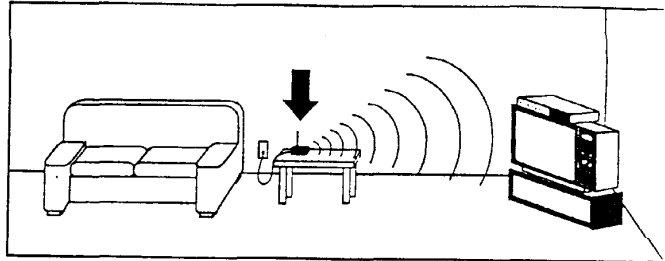
The Remote Control Extender consists of two components; the transmitter "nose cone" (which attaches to the front of the remote control) and the receiver "base station" (which is placed in the room where the digital satellite receiver is located).

## Receiver Base Station Installation

(LF-DISH RX)

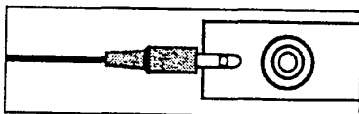
Place the receiver base station in the room where your digital satellite receiver is located. Choose a location that is near an electrical outlet on an opposing wall to where your equipment is installed. Point the front of the base station towards the receiver. Try to use your remote control from your chosen location to confirm that it is within the operating "view" of your digital satellite receiver.

Plug the AC power adapter (included with your Remote Control Extender) in the wall outlet. Attach the small plug from the transformer into the jack on the receiver base station. The power light should illuminate. Extend the antenna fully. The Remote Control Extender base station is ready for use.



Base station placement

## Using the Control Cable



The control cable and receiver station

With the proper connection, you can hide the receiver base station behind your entertainment system and still control your digital satellite receiver. First, plug the control cable into the side of the receiver base station. The emitter end of the control cable must then be attached to the front of the satellite receiver to communicate with the remote control sensor. The remote control sensor is commonly identifiable by a small plastic window. For reference, the sensor is circled on the digital satellite receiver models shown below. A recommended location for the emitter is designated with a box on the models shown below. You may have to try different locations for optimum performance. You can permanently attach the emitter using the peel-and-stick backing. This attachment should not interfere with normal operation.

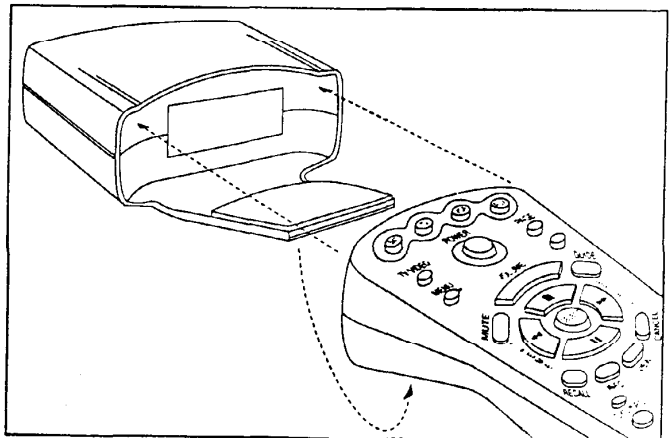
## Transmitter Nose Cone Installation

(LF-DISH TX)

The Remote Control Extender nose cone has been designed to attach to the front of your remote control. Firmly press the nose cone onto the front of the remote control unit; it will be held in place by the bumps on the bottom.

Before the nose cone transmitter can function, you will need to install the supplied battery. To do this, begin by simply opening the small door on the bottom of the nose cone. Install the battery noting the proper polarity (+/-). Then replace the door.

You are now ready to use your Remote Control Extender equipped remote control. You should find that using your remote control from another room will work just as though you were right in front of your digital satellite receiver and other entertainment equipment. Note that you do not need to point it toward the room for it to work. The signals are broadcast from the nose cone in all directions - even through walls, ceilings, and furniture!



## Battery Replacement

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Your operating range will start to decrease as the battery life decreases. Replacement batteries are conveniently available at most electronic stores. To replace the battery, follow the directions above. Remember to dispose of the old battery properly. BATTERY: Type mn21 12v or equivalent.

Modifications not authorized by the manufacturer may void users authority to operate this device.