

Operating Precautions



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER BACK
NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

When using your Remote Control Signal sender as with any other electrical device, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following :

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Do not use this product near water, for example : near a bath tub, washbowl, kitchen sink, or laundry tub, in a wet basement, or in or near a swimming pool.
4. Do not place this product on an unstable cart, stand, or table.
The product may fall, causing serious damage to the product.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions :
 - A. When the plug is damaged.
 - B. If liquid has been spilled into the product.
 - C. The product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operating instructions.

Operating Precautions

E. If the product has been dropped or the cabinet has been damaged.

F. If the product exhibits a distinct change in performance.

- No repairs to the unit(s) should be attempted by the customer.
 - **NOTE:** This equipment has been tested and found to comply with the limits for remote control security devices in accordance with the specifications in sub parts C and E of part 15 of 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 Radio Frequency Energy 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 or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and Base Unit.
 - Connect the equipment into an outlet on a circuit different from that to which the Base unit is connected.
 - Consult the dealer or an experienced Radio/TV technician for help.
7. This product should be operated only from the type of power source indicated on the marking label.
8. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceperson when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks and voids warranty. Incorrect reassembly can cause electric shock when the product is subsequently used.

System contents

You TR-8000 Remote Control Signal Sender consists of two units (Extension Unit and Base Unit), an infrared extender, and two AC adapters.

Extension Unit

The Extension unit senses the infrared signals from your remote control and an LED lights to indicate that signals are being detected. The Extension Unit converts the remote control signals into radio frequency transmissions for communication with the Base Unit.



Base Unit

The Base unit has an antenna, power cord, and a jack for the Infrared Extender. The Base Unit receives Radio Frequency (RF) transmissions from the Extension Unit. A light indicates that a signal is being received. The Base Unit then converts the RF transmissions back into Infrared signals used to control your DSS Receiver or other compatible components, (see below) The Base Unit will operate up to 100 feet away from the Extension Unit.



Infrared Extender

This device consists of an Infrared diode connected to a 4ft. extension wire and plug. It plugs into the Base Unit for situations where placement in front of the instrument is difficult.



Compatible Components

- Television
- VCRs
- Stereo Receivers
- Tape Decks
- DSS Receiver
- Cable Converter
- CD players
- Anything operated by Infrared Remote control

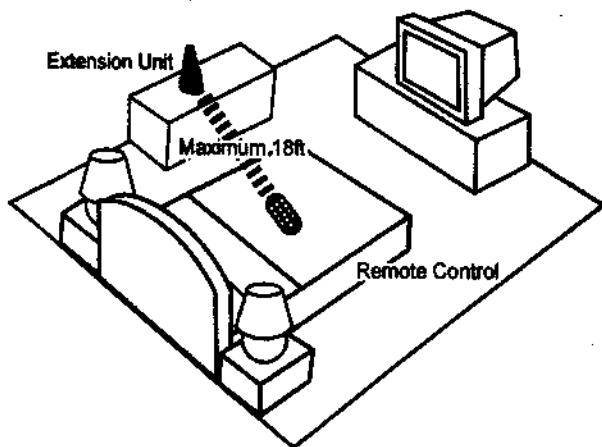
Extension Unit Set-Up

Where to Use

Use in the room where you want to use your remote control (example: use in the additional room wired to receive DSS System signal).

How to Install

1. Plug the Extension Unit into a standard electrical outlet.
2. Place the logo side of the Extension Unit facing you. It can be placed up to 18feet from where you will be using the remote control.
3. Place the Extension Unit away from the AUDIO / VIDEO equipment and the base unit (in another room, for example)



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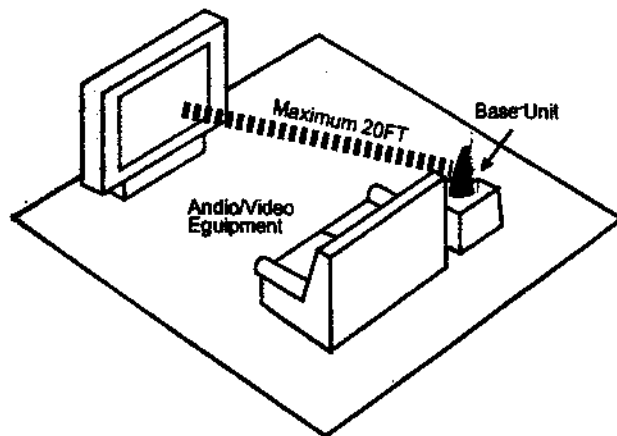
Base Unit Set-Up

Where to Use.

For example : Use in the room where the AUDIO / VIDEO equipment's video sensor is located.

How to Set-Up

1. Plug the Base Unit power cord into standard electrical outlet.
2. Point the front of the Unit (logo side) facing the AUDIO / VIDEO equipments's remote sensor.
3. Check the following distances
Base Unit is within 20 feet of the AUDIO / VIDEO equipment.
Base Unit is within 1000feet of Extension Unit.



After setting up your Extension and Base Units, operate the Signal Sender by aiming your remote at the RCA logo on the front of the Extension Unit.

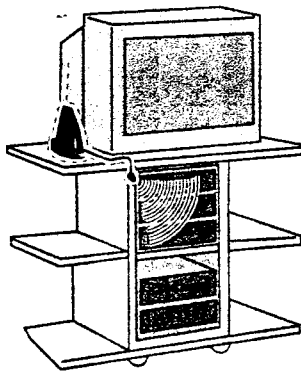
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Where to Use

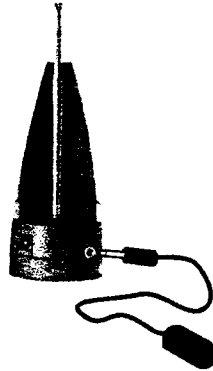
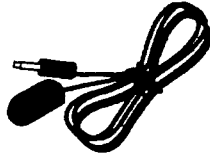
- Use when Base Unit cannot be easily placed in front of the AUDIO/VIDEO equipment. (Example : when the AUDIO / VIDEO equipment and Base Unit are located in a closed cabinet).
- Use when you would prefer to conceal the Base Unit in a cabinet or behind furniture.

How To Us

1. Plug the Infrared Extender into back of Base Unit.
2. Place the Infrared Diode (located on the opposite end of the extension cord) in clear view of the AUDIO/VIDEO equipment to enable signal transmission.



Example of Application: TV & A/V equipment in Cabinet



1. Make sure both units are plugged into a standard electrical outlet.
2. If the red light inside the Extension Unit does not light when the Remote Control is operated:
 - Make sure you are pointing at the front of the extension Unit (the RCA logo is on the front).
 - Make sure you are within 18 feet of the front of the Extension Unit.
 - Make sure nothing is blocking the path between the remote and the Extension Unit.
3. If your AUDIO/VIDEO equipment does not respond but the red light inside the Base Unit lights when a remote control is used:
 - Make sure the Base Unit is within 20 feet of your AUDIO/VIDEO equipment
 - Make sure the Base Unit front is pointing at the front of your AUDIO/VIDEO equipment.
 - Make sure nothing is blocking the Base Unit and the AUDIO/VIDEO equipment.
4. If the red light on the Extension Unit lights when you operate the remote but does not light in the Base Unit:
 - Extend the antenna all the way up or move the antenna to a different position for better reception.
 - Make sure the Extension Unit is no more than 100 feet from the Base Unit.
5. Move the Unit that appears not to be working to another location and try it again.
6. Attach the infrared extender to the Base Unit for situations where there is an obstruction (TV Cabinet, etc.)

Notice:

The change or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.