



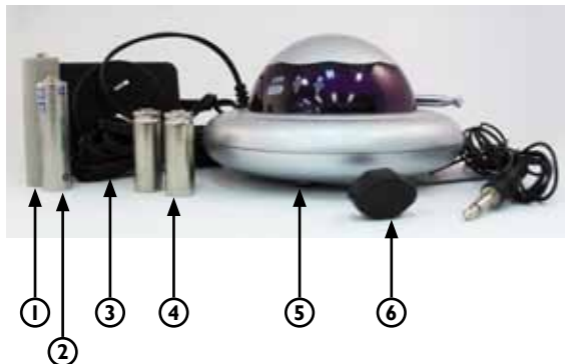
05MM-RE03
Remote Control
Extender
User's Manual





Introduction

This Remote Control Extender uses the smartest and easiest technology in extending the remote control operation. By installing the transmitter in the battery pocket only, your remote control now detects the key signals and transmits them far away. This extender kit (called Remote Control Extender) includes transmitter (battery type), receiver (UFO shape), adaptor, eye emitter, two 2/3 AAA rechargeable batteries and AA sleeve.



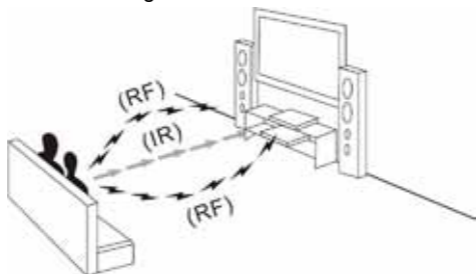
- 1) **AA sleeve**
- 2) **RF transmitter**
- 3) **Adaptor**
- 4) **2/3AAA Rechargeable battery**
- 5) **RF receiver**
- 6) **Eye emitter**

The upgraded remote controls with RF transmitter can operate through doors, windows, floors and walls, And this extender kit removes the worry about line of sight requirements.

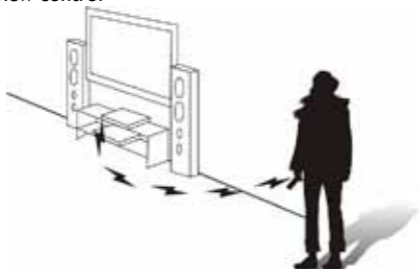
When the RF transmitter is installed, the remote control still transmits the normal infrared signal like a normal remote control. That is, your remote control will transmit both signals in Infrared(IR) and radio frequency(RF) at the same time, regardless of distance or line of sight.

Installing and Operating Cases

1. Normal use in living room

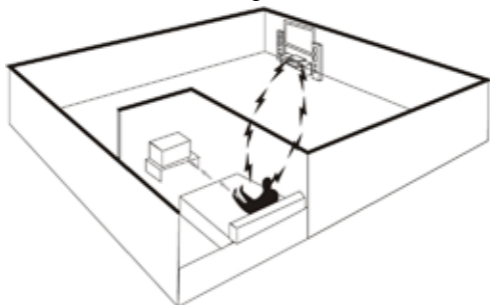


2. Side view control



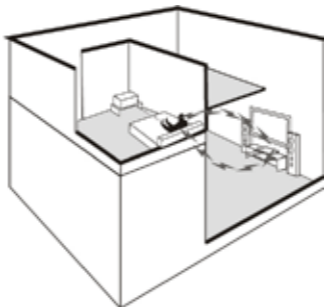
3. Living to bedroom

Control satellite/cable in living room from bedroom

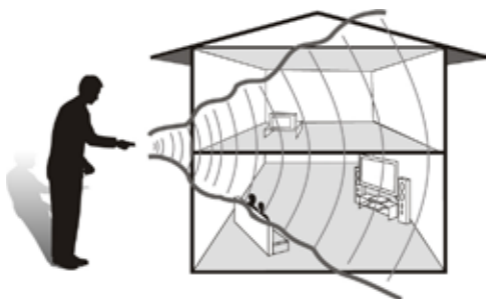


4. Floor to floor

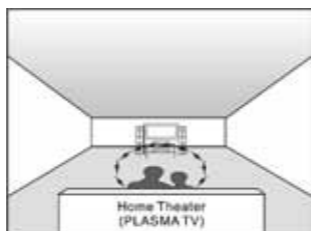
Control satellite/cable in living room from the second floor



5. Outside control



6. Normal longer range



Installing the RF Transmitter

Your remote control will use several AAA or AA size batteries, normally 2 to 4. Please install RF transmitter instead of a battery (one of batteries only). Below shows the battery AAA and AA size using in normal remote control.

1. AAA battery

Install AAA size transmitter like a normal AAA battery



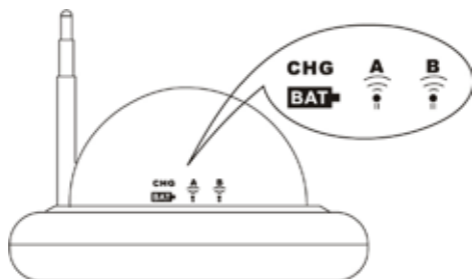
2. AA battery

Insert AAA transmitter into AA size sleeve and install like a normal AA battery

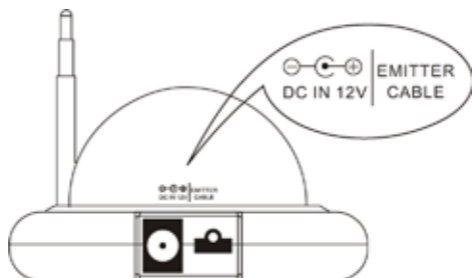


Installing the Receiver

Front

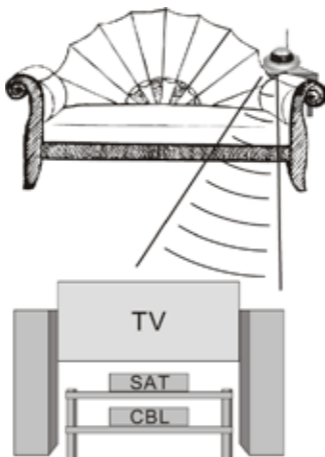


Rear



Place the receiver in front of the audio/video and direct it towards the audio/video equipment.

1) Within 5-10 meters of the audio/video equipment.



2) The front of the receiver should directly face the audio/video remote sensor.



3) If there is no space for the receiver in front of audio/video equipment, please place near the audio/video equipment and use the eye emitter(see section to Connecting the Eye Emitter).



4) Fully extend the antenna.

Connecting Adaptor

1. Connect the AC/DC adaptor's barrel plug into receiver's 12V jack then connect the adaptor's AC plug to a standard AC outlet.

2. When the power is connected initially in the receiver, the LEDs on the receiver will blink alternately and stop.

Connecting the Eye Emitter

You can connect the supplied Eye Emitter cord when you need to place the receiver next to your audio/video equipment instead of in front of it .

1. Insert the Eye Emitter cord plug into the receiver IR output jack on the back of the receiver.
2. Position the Emitter bulb facing your audio/video equipment's IR sensor.
3. Remove the adhesive tape on the bottom of the bulb and stick it on front of the audio/video equipment sensor.
4. Recommendation for best position is in the center of receiving window of audio/video. Normally, the receiving window is square or round shape in a glass/plastic plate.



Eye Emitters (length: 1.8 meters)

You will have one eye emitter with 1 eye, 2eyes, or 3eyes.

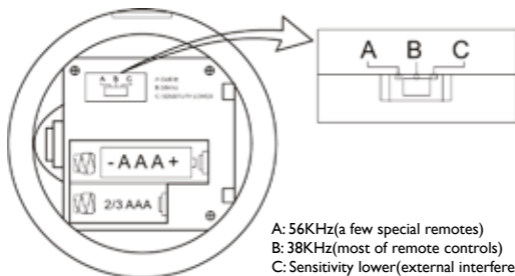
Please refer to the pictures below.

- 1) 1 eye:TV or Cable or Satellite etc
- 2) 2 eyes:TV, Cable or Satellite etc
- 3) 3 eyes:TV, Cable or Satellite,Audio etc



Function Switch Selection (A,B,C)

You will find slide switch on the bottom of receiver if you remove the Plastic case. The positions A,B,C are used to set the receiver to different remote controls. The factory setting is on position B (Most of remote control use position B).



- A: 56KHz(a few special remotes)
- B: 38KHz(most of remote controls)
- C: Sensitivity lower(external interference etc.)

Interference

Your extender can cause TV or radio interference even when it is operating properly. To determine whether your extender is causing the interference if your receiver does not function properly, the two LEDs(A & B) will blink continuously or one LED will blink even without you using a remote control. IF THIS OCCURS PLEASE SEE BELOW.

1. Move your transmitter away from the receiver and check then realign.
2. Reduce the antenna length.
3. Select position "C" of slide switch on the back of the receiver. Please remove the plastic cover first.
4. If you cannot eliminate the interference, please contact your dealer.

Recharging Battery

Your RF transmitter is installed with small recharging battery (2/3 AAA size) and the performance of the extender deteriorates (the LEDs do not blink when you press the remote button), you need to recharge (replace) the battery.

1. Remove the RF transmitter from your remote control and take rechargeable battery out.
2. Find the recharging pocket on the bottom of receiver. There should be an extra battery, fully charged already in the pocket.
3. Install fully-charged battery in transmitter and insert old battery onto the 2/3 AAA pocket for recharging. Close the cover. While the battery is recharging, the LED CHG (BAT) will blink in the receiver. LED will blink when the recharging battery is inserted in the pocket. Full recharging time is approx. 12 hours and 6-8 hours when the battery is not fully flat.

After replacement of rechargeable battery, you need to test the function. If you feel it has working problem, replace normal battery (AA or AAA) with new one.

Caution

1. Do not use a normal battery in recharging pocket.
2. Only use a rechargeable battery.

Care

Keep the extender dry, if it gets wet, wipe it dry immediately. Use and store the extender only in normal temperature environments. Handle the extender carefully and do not drop it. Keep the extender away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Limited Warranty

Warrants this product against defects of workmanship for one year from the date of purchase. During this warranty period, this product will be repaired or replaced, at option, without charge. Please read your instructions thoroughly and use this product only as directed. This warranty does not cover any damage due to commercial use, accidental, misuse, abuse or negligence. Repair or replacement as provided under this warranty is the exclusive remedy of the consumer. The retailer shall not be liable for any incidental or consequential damage due to breach of any expressed or implied warranty of merchantability or fitness for a particular purpose on this product is limited to the duration of this warranty.

F.C.C Caution

This device complies with FCC Rules Part 15. 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 undesired operation.

Specifications

Operating Range: Up to 30+ meters(100+ feet)

Operating Frequency: 433.92MHz

A/C adaptor Voltage: according to specification of national electricity

Ex)USA:

Input: 120V AC, 60Hz

Output: DC 12V, 200mA over

Ex)Europe:

Input: 210-220V AC, 55or 60Hz, Output DC 12V, 200mA over

Battery (included): two 1.2V 2/3AAA(Rechargeable)

For more information call:
AUST TOLL FREE: 1800-AERIAL
(1800-237425)
www.matchmaster.com.au

NZ TOLL FREE: 0800-AERIAL
(0800-237425)
www.matchmaster.co.nz