

UNIVERSAL ELECTRONICS
REMOTE CONTROL EXTENDER

INTRODUCTION

The Remote Control Extender is a revolutionary device which will turn virtually any IR (Infrared) remote control into an RF (Radio Frequency) remote control. No longer do your electronic devices need to be out in the open for you to control them. Additional benefits of the Remote Control Extender are:

- Send signals through walls and ceilings.
- Control Audio and Video devices which are placed out of sight.
- RF Transmitter is available wherever the remote control is located.
- Installation is as easy as changing a battery.

Please ensure that all of the components below are included and follow the **5 Easy installation** steps below and start enjoying the power of RF control.

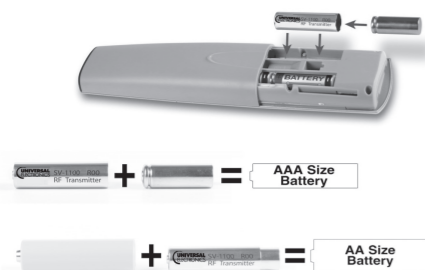
THIS PACKAGE CONTAINS:



1. Remote Extender Receiver
2. IR Blaster Cable (1.5m, 2m and 3.5m in length)
3. "AAA" RF Transmitter Sleeve
4. 2 Rechargeable 2/3 Size "AAA" Batteries
5. "AA" Battery Sleeve

STEP 1: INSTALLING THE RF TRANSMITTER AND BATTERY

Simply install the RF transmitter instead of one of the "AAA" or "AA" batteries inside your remote control.



NOTE: You may have to change the position of the RF transmitter orientation to have better RF performance.

STEP 2: SELECTING THE FREQUENCY

Set the Selection Switch (on the back of the RECEIVER) to...

- A : 58KHz (Try this setting if your Scientific Atlanta Explorer is not responding)
- B : 38KHz (**Default setting and most common setting for IR controlled devices**)
- C : Sensitivity lower e.g. other equipment using 418 MHz (external interference). See section: "Interference".



STEP 3: RECEIVER PLACEMENT

Place the RECEIVER next to the corresponding device(s) you wish to control.

STEP 4: CONNECTING THE IR BLASTER CABLE

Connect the IR Blaster Cable into the back of the RECEIVER and place the IR Eye(s) on the receiving window (IR sensor) of each hidden device you want to control.



NOTE: There are 3 IR Eyes to control 3 separate devices.

NOTE: Remove the adhesive tape on the bottom of the IR Eye to secure it on the front of the audio/video equipment IR sensor.

STEP 5: APPLYING POWER TO THE RECEIVER

Plug the power adaptor in the wall socket and connect the DC connector to the back of the RECEIVER. The POWER LED on the top of the RECEIVER will illuminate.



YOUR REMOTE CONTROL EXTENDER IS NOW READY FOR USE

RE-CHARGING THE 2/3 SIZE "AAA" BATTERY

The Remote Control Extender's receiver is also used to recharge the 2/3 size battery. The Remote Extender comes with 2 rechargeable batteries to ensure your RF remote is always ready for use. If your remote control is functioning at a shorter distance than normal (when the LED (A/B) of the RECEIVER does not blink when a key on the remote control is being pressed) then the battery needs to be recharged.

1. Remove the (2/3 "AAA" size) battery from your remote control.
2. Place the (2/3 "AAA" size) battery in the compartment located on the bottom of the RECEIVER. The LED (BAT) will light up.
3. The LED will switch off as soon as the (2/3 "AAA" size) battery is fully charged.

NOTE: The RF operating range may vary depending on the overall battery charge (e.g. you may have to replace the "AA"/"AAA" alkaline batteries if the operating range decreases).

Caution: Use only with supplied rechargeable battery. Risk of explosion if battery is installed by an incorrect type.

INTERFERENCE

The RECEIVER can be interfered with an external RF signal. The LED (A/B) of the RECEIVER will blink even without pressing a key on the remote control.

If this is the case, please try the below:

1. Try to move the RECEIVER (Reminder: The receiver also transmits IR signals, so try placing the receiver so that it also faces your devices.)
2. Reduce the antenna length.

SAFETY PRECAUTIONS

- This product should only be used with the CEC approved AC Power supply included in the packaging.
- Inadequately protected or sensitive electronic equipment may be affected by the use of this product.
- Before you start, please check whether or not this product can affect surrounding equipment.

COMPLIANCE WITH FCC, IC RULES AND REGULATIONS

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 radiates 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 and correct the interference by one or more of the following measures:

- RE-ORIENT OR RELOCATE THE RECEIVER ANTENNA.
- INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND THE RECEIVER.
- CONNECT THE EQUIPMENT INTO AN OUTLET THAT IS DIFFERENT FROM THAT TO WHICH THE RECEIVER IS CONNECTED
- CONSULT THE DEALER OR AN EXPERIENCED RADIO/TELEVISION TECHNICIAN FOR HELP

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

In compliance with the FCC RF exposure requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Authorization Label Tested To Comply With FCC Standards

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.

FCC ID #: BY4SV1100

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover on the base station, may cause permanent damage to your Remote Extender.

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 For help via e-mail, contact us at: cablehelp@ueic.com