
433MHz IR REMOTE CONTROL EXTENDER

USER'S MANUAL

(PLEASE READ BEFORE USE)



PLEASE CONSULT THE BACK COVER OF THIS OWNER'S MANUAL FOR MODEL AND FEATURE

□ Important-Safety Precautions

To prevent fire or shock hazard, do not expose this product to rain or moisture. do not use near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool .To avoid electrical shock, do not open this product . This product should be operated to use the power supply must have the same voltage as the local area. Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock. Refer servicing to qualified personnel only.

Caution: Changes or modifications not expressly approved by the Party responsible for compliance could avoid the user'S authority to operate the equipment.

□ Note:

This equipment has been tested and found to comply with CE EMC, LVD directive. 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 instruction, 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 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

A. Checking Contents of Box

Check to ensure all of the components shown as below are included with your wireless IR remote control extender system. If something is missing, please contact your dealer as soon as possible.



1. Transmitter x1



2. Receiver x1



3. □ IR extender to connect to
□ receiver's rear panel x1



4. Power adapter x2
(240VAC to 9VDC) DC in Jack (9V 100mA)

5. Owner's manual x1

B. The Using Attention

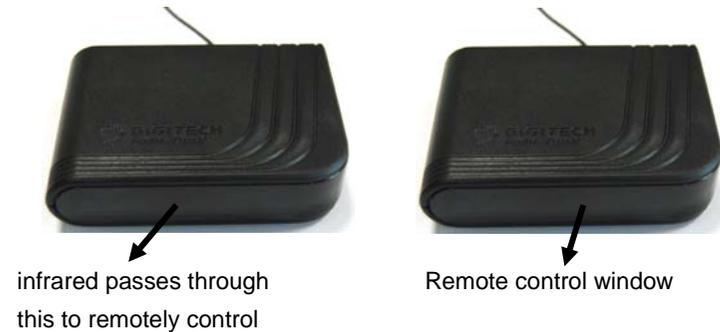
- 1 . The outlet of the power supply must have the same voltage as the local area.
- 2 . Be sure the transmitter and the receiver were connected to power supply.
- 3 . In some situation, there are two or more equipment is used within 50m at the same time, perhaps the equipment may not work well.
- 4 . Please do not use another one which operation frequency is similar to when the equipment is working .
- 5 .To make the remote control face to the transmitter's IR Remote control window, and the receiver's IR remote control window (or extender accessory) to the source equipment, the IR remote distance should be in the Specifications range.
- 6 .The LED of the receiver and the transmitter's IR remote control window would flash if receiving the remote control signal when there is not harmful interference in the ambient.

Caution: If the receiver's indication LED flash when the transmitter is not operating. It indicates there is interference in the ambient. Then perhaps, you can't control the system so well.

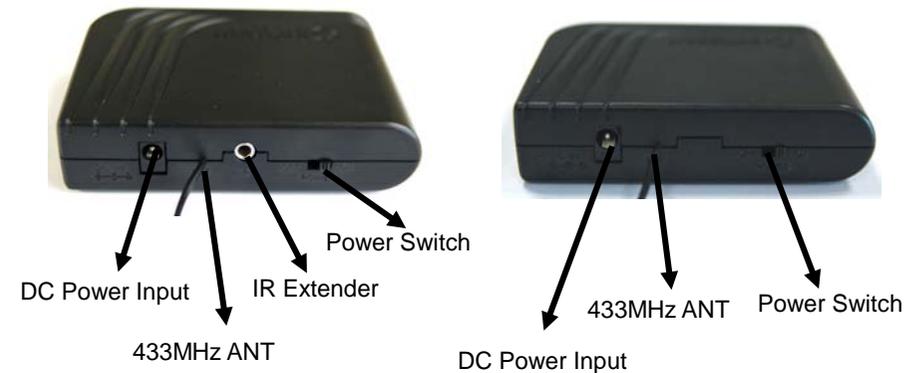
C. Panel Controls and Features of Universal Type

The following illustrations show the names of each component on the transmitter and receiver.

FRONT VIEW FOR TRANSMITTER AND RECEIVER



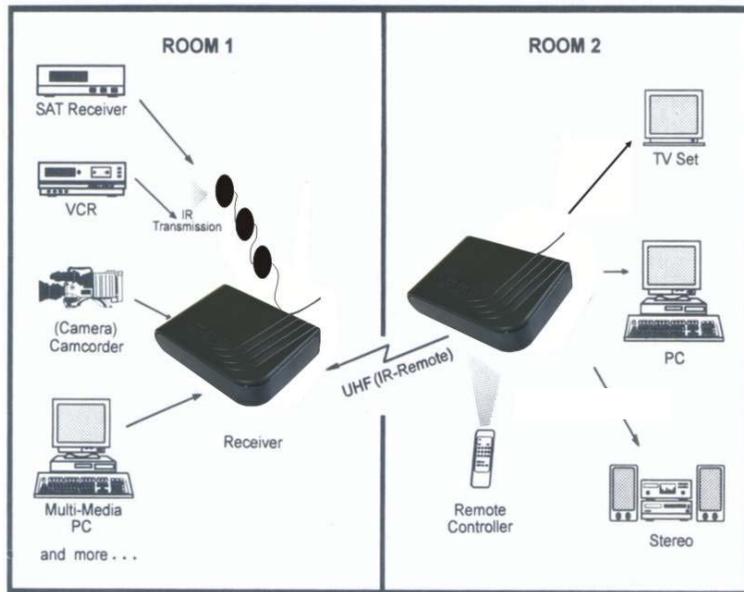
REAR VIEW FOR TRANSMITTER AND RECEIVER



D. How to Use the IR Remote Control Extender

The extender accessory emits an IR signal, sending your AV equipment with the remote signal. To use the IR extender accessory, follow the instructions below :

- 1 . Plug the IR extender into the transmitter in rear panel.
- 2 . Orient the end of the IR extender so that it points in the general direction of the IR sensors of the source AV equipment you wish to be controlled. Cut a length of provided fastener strip to secure the IR extender, which is always in it's position.
- 3 . Position the receiver so that your remote control signal can strike the IR window on the bottom front of the unit. To use your remote control, point it at the front of the receiver.



E. Troubleshooting , Care and Maintenance

Please read this owner's manual carefully and follow the steps described in it. If you still have difficulties, consult the following table. It will guide you though the most common problems and their solutions.

Problem	Possible solution
<input type="checkbox"/> Remote control extender dose not work	<input type="checkbox"/> Check the path between the receiver and the audio/video source and clear any obstructions. <input type="checkbox"/> Check to see if the IR window on the top front of the receiver is blocked. Make sure IR extender accessory is properly rotated in the A/V equipment you wish to control. (see section on "How to use the IR Remote Control extender" in this manual) Adjust remote control antennas.

Note: Clean the outside plastic packaging with a soft cloth lightly moistened with mild soap and water. Never use any abrasive scouring powder or solvent.

F. Specifications

Transmitter:

Max. RF output Level	10 mW
Operation Carrier frequency	433.92MHz
Power Supply	9VDC / 100mA
Dimension	72mmx50mmx18mm
Weight	35g

Receiver:

Receive Sensitivity	-82dBm
Receive Carrier frequency	433.92MHz
Power Supply	9VDC / 100mA
Dimension	72mmx50mmx18mm
Weight	34g

System:

Operation temperature range	0°C~50°C
Remote control range	Up to 50m

All specification subject to change without notice