

JESMAY

IR REMOTE CONTROL EXTENDER

2079T/R

OWNER'S MANUAL

(PLEASE READ BEFORE USE)

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JESMAY ELECTRONICS CO., LTD.

☐ 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 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 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.



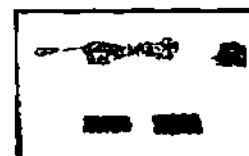
1. Transmitter
(model: 2079T)

X 1



2. Receiver
(model: 2079R)

X 1



3. ☐ IR extender to connect to
☐ receiver's rear panel

X 1

4. ☐ Fasten strips

X 2

5. Owner's manual

X 1

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 (the LED has been lighted up already).
3. In some situation, there are two or more equipment is used within 150 feet 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 (2079T) IR Remote control window, and the receiver's (2079R) 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 (2079R) and the transmitter's (2079T) 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

UHF antenna sends and receives remote control signal

Power indicator

Remote control window infrared passes through this to remotely control audio/video source

REAR VIEW FOR TRANSMITTER AND RECEIVER

DC power input, connect to Power adapters (12VDC)

IR led output port

AC input (120VAC, 60Hz or)

D. How to Use the IR Remote Control Extender

This IR remote control extender will give you the ability to control the source using your existing remote control device. It converts the infrared (IR) signal emitted by your remote control to a radio frequency (RF) signal in UHF band at the transmitter (2079T) and sends it back to the receiver (2079R) where the RF signal is converted back to the original IR signal and beamed to the audio/video source.

There are two means to make your source A/V equipment can be controlled well by existing remote control through IR remote control extender.

1. To orient the receiver unit (2079T) face to face the source A/V equipment, this would allow the converted IR signal which from receiver IR remote control window be able to send to the source A/V equipment(s) front panel.

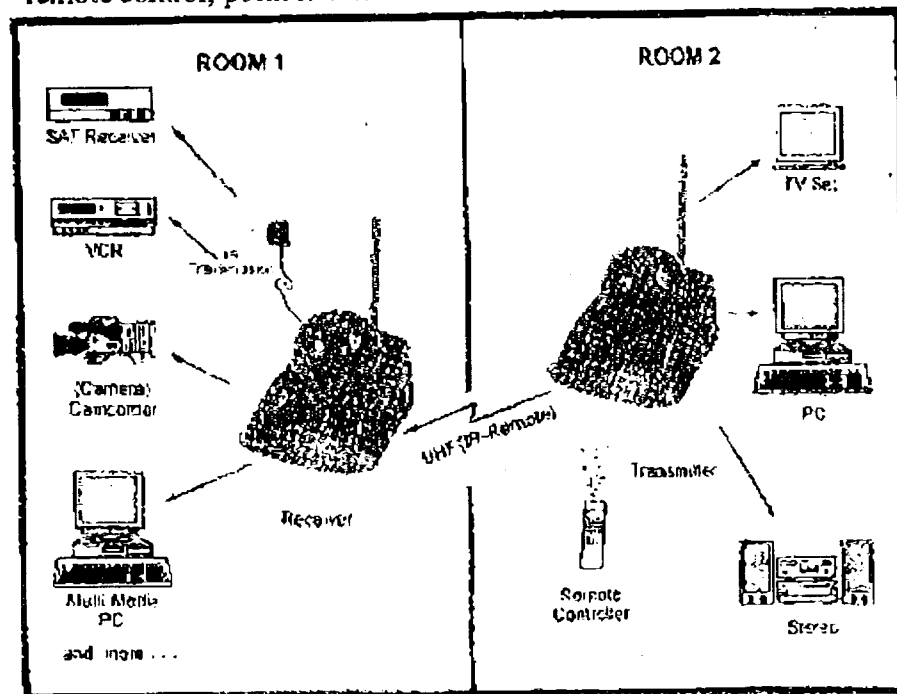
2. Simply connect an IR extender accessory from receiver and locate this IR extender accessory near the source A/V equipment from panel.

Occasionally it may be difficult or even impossible to orient the receiver unit such that it can be "seen" (means face-to-face) by the A/V equipment you wish to control. Perhaps there is no good surface that allows for this or perhaps you wish to control. Or perhaps you wish to remotely control A/V equipment's in different locations without re-orienting the receiver, in this case, to use in extender accessory will be more convenient.

E. How To Use The IR Extender Accessory

The IR extender accessory was connected to the receiver through its own special Connector plug. The extender accessory emits an IR signal, bathing 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 through the most common problems and their solutions.

Problem	Possible solution
Remote control extender does not work	<ul style="list-style-type: none">• Check the path between the receiver and the audio/video source and clear any obstructions.• 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: 2079T

RF output Level	80dB μ V/m, μ W 3meter
Operation frequency	433.92MHz
Power Supply	120VAC or 12VDC 100mA
Dimension	14cm \times 12cm \times 8cm
Weight	300g

Receiver: 2079R

Receive Sensitivity	-85dBm
Receive frequency	433.92MHz
Power Supply	120VAC or 12vDC 100mA
Dimension	14cm \times 12cm \times 8cm
Weight	300g

System: 2079T and 2079R

Operation temperature range	0°C~50°C
Remote control range	Up to 100R

• All specification subject to change without notice

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

Note: 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 undesired operation.