



User's Manual

PBI

**FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT**

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 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 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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of his device could void the user's authority to operate the equipment.

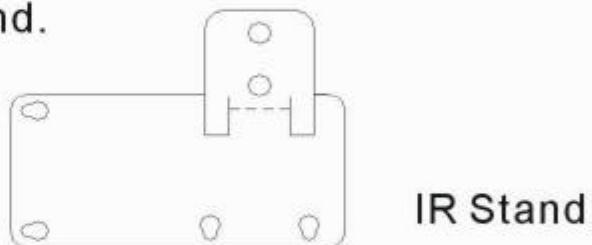
How to install IR 200

Note: The transmitting and receiving of IR signals are from the LED in the IR window of IR-200. Please make sure:

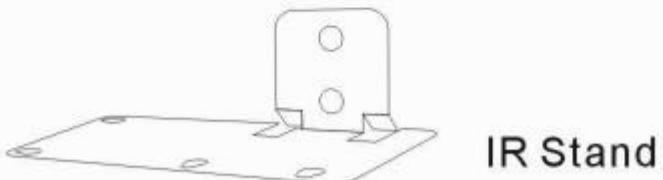
- 1. The IR window of IR-S1 should always point toward the IR sensor window of your A/V sources(for example,satellite receivers).**
- 2. You should always have the IR window of IR-U1 pointed toward the remote control unit.**

A. Install IR-S1/U1 with IR Stand

1. Please pick out the IR Stand.

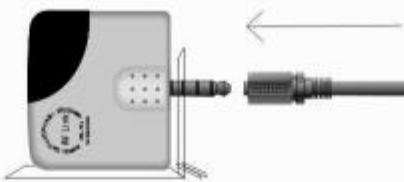


2. Please bend the IR Stand in the way shown as below.

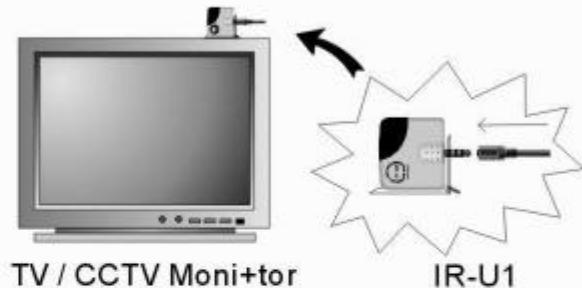


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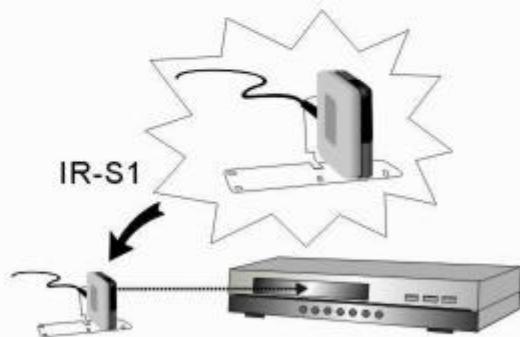
3. Please refer to the Picture shown as below to see how to connect IR-S1/U1 with IR stand



4. Please find a place to put and affix your IR-U1 with IR Stand. Please make sure the IR window of the IR-U1 would be pointed directly to the IR sensor window of the remote control unit.



5. Please find a place to put, affix your IR-S1 with IR Stand. Please make sure the IR window of the IR-S1 would point directly to the IR sensor window of you're A/V sources.



PS: To fix the IR Stand, you can use the fastener strips or tapes

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B. Install IR-S1/U1 with Fastener Strip

1. For IR-U1, please pick out the fastener strip and affix one side onto the back of IR-U1 and affix the other side onto, for example, TV set. Then you can affix these two items together and have IR-U1 fixed.



2. For IR-S1, please put IR-S1 as the way shown in the picture below. You may affix IR-S1 using the fastener or tapes.



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Technical Parameters:

IR-S1/IR-U1

Transmitter IR-S1

Transmitting Frequency	433.92MHz
Transmitting Power	FCC Part 15 Compliant
Transmitting Antenna	Build-in Linear Antenna
Modulation	ASK
Infrared Carrier Frequency	38KHz ± 3KHz
Power Supply	12V DC 30mA (typ.)

Receiver IR-U1

Receiving Sensitivity	-95 dBm
Receiving Antenna	Build-in Linear Antenna
Infrared Carrier Frequency	38KHz ± 1KHz
Infrared Valid Distance	3M
Power Supply	12V DC 30mA (typ.)

