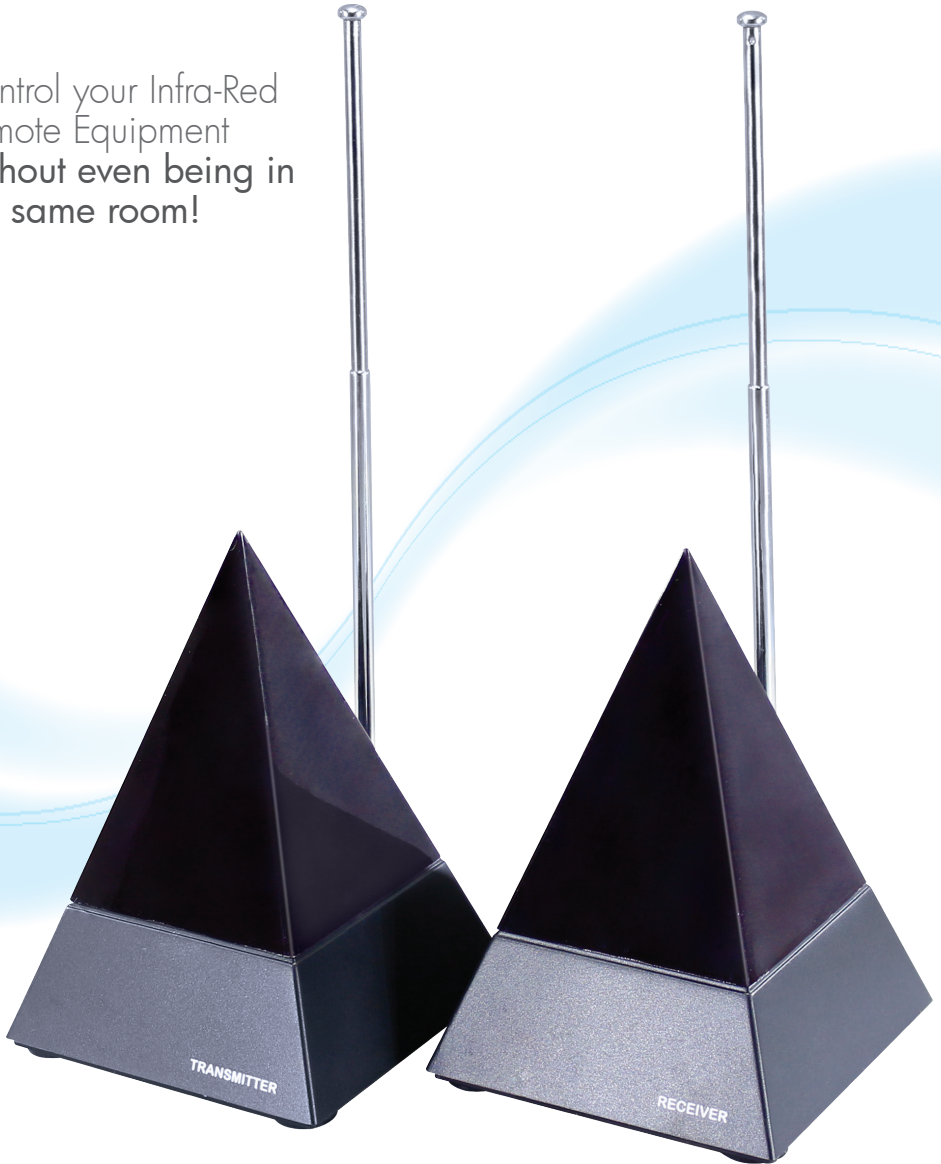


# REM120

Handbook &  
Instructions

Control your Infra-Red  
Remote Equipment  
without even being in  
the same room!



XREM120

## Introduction

The REM120 allows you to control any IR controlled AV equipment without even being in the same room. Using your existing remote, the IR signals are transmitted through walls and ceilings to the receiver up to 30m away.

## Your Kit Includes

Your REM120 IR extender kit consists of the transmitter unit, receiver unit and two PSUs.

### Transmitter Unit

The transmitter unit senses the Infrared signals from your remote control handset. The unit then converts these remote control signals into radio frequency transmissions which are picked up by the receiver unit. The transmitter can pick up IR signals from up to 6m.

### Receiver Unit

The receiver unit receives the radio frequency transmissions and converts them back to IR signals. This can be used to control your DVR, TV, satellite receiver etc. The unit will operate up to 30m away from the transmitter. Transmission distance depends on how many walls and ceilings the signal has to travel through. The receiver unit can control devices up to 6m away.

### PSUs

You also receive two 9V DC 100mA power supply units.



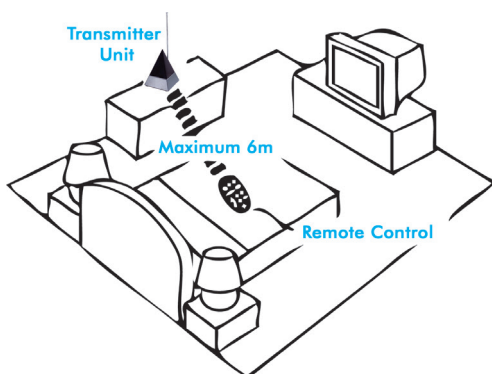
## Transmitter Unit Setup

### Where To Use

Install the transmitter in the room where you want to use your IR remote control.

### How To Install

1. Plug the unit into a standard electrical outlet.
2. Place the logo side of the unit towards you. It can be placed up to 6m from where you will be using the remote control handset.
3. Place the transmitter unit away from the AV equipment and the receiver. (In another room for example.)



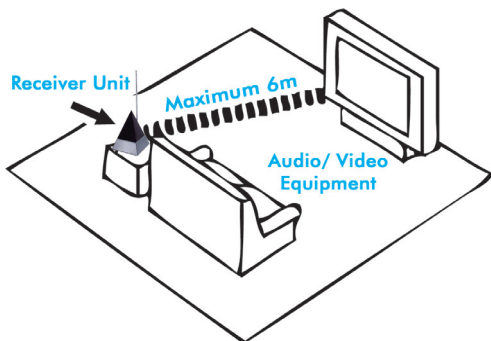
## Receiver Unit Setup

### Where To Use

Install the receiver in the room where AV equipment you wish to control is situated.

### How To Install

1. Plug the unit into a standard electrical outlet.
2. Point the front of the device (logo side) towards the AV equipment's remote sensor.
3. Check that the unit is within 6m of the AV equipment, and that the receiver is no more than 30m away from the transmitter.



## How To Use

After setting up both units, operate the remote control extender by aiming your remote handset at the transmitter label on the front of the transmitter unit.

## Troubleshooting

If your AV equipment does not appear to respond when using the REM120 IR extender kit, try the following solutions:

- Make sure you are pointing your remote at the front of the transmitter unit. (Label is on the front.)
- Make sure you are within 6m of the transmitter unit.
- Make sure nothing is blocking the path between the remote and the transmitter unit.
- Make sure the receiver front is pointing at the front of your AV equipment.
- Make sure nothing is blocking the front of the receiver and the AV equipment.
- Extend the antenna all the way up or move the antenna to a different position for better reception.
- Make sure the transmitter unit is no more than 30m from the receiver unit.
- Other 433Mhz devices (e.g. wireless headphones, wireless speakers) may effect the range. Try turning these off when using the REM120 IR extenders.

## Specifications

FUNCTION	SPECIFICATION
Transmit Distance	30M (Clear line of sight)
Transmitter Frequency	433.92 MHz
Receiver Frequency	433.92 MHz
PSUs	Supplied
Dimensions	75 x 75 x 115mm

## Operating Precautions

When using your remote control extender as with any other electrical device, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Please read and understand all the enclosed instructions.
2. Follow all warnings and instructions marked on the product.
3. Do not use this product near water.
4. Do not place this product on an unstable stand or table. The product may fall causing damage.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Unplug this product from the wall outlet and refer to a qualified service personnel under the following conditions:
  - A. When the plug is damaged.
  - B. If liquid has been spilled into the product.
  - C. The product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions.
  - E. If the product has been dropped or the casing has been damaged.
  - F. If the product exhibits a distinct change in performance.
7. This product should be operated only from the type of power source indicated on the label.
8. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service person when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks and voids warranty. Incorrect reassembly can cause electric when the product is subsequently used.

All specifications are approximate. System Q Ltd reserves the right to change any product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q Ltd cannot be held responsible in any way for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment that these instructions refer to.



WEE/CG0783SS

This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.