

PRO-SIGNAL



BI DIRECTION WIRELESS IR REPEATER KIT PSG3459

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

When using electrical appliances basic safety precautions should always be followed.

- To prevent fire or shock hazard, do not expose this product to rain or moisture, for indoor use only.
- Only use the PSU supplied or one of identical specification.
- Beware of static electricity which may damage the device. Use ESD precautions when installing.

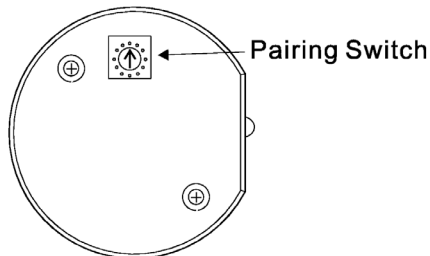
OVERVIEW

- Works with all major brands of Audio/Video IR remote controls.
- Compatible with Alexa, Google and Logitech smart devices.
- CFL lighting friendly allows installation in most lighting environments.
- 3.5mm Jack sockets for receiver and emitters.
- Powered by 12V, 1A PSU (supplied).
- Acts as an IR repeater and also a bi-directional IR extender in multi room environments.
- Excellent RF interference and noise suppression.
- This system works in the following combinations:
 - One transmitter to one receiver.
 - One transmitter to multi receiver.
 - Multi-transmitter to one receiver.
 - Multi-transmitter to multi-receiver.

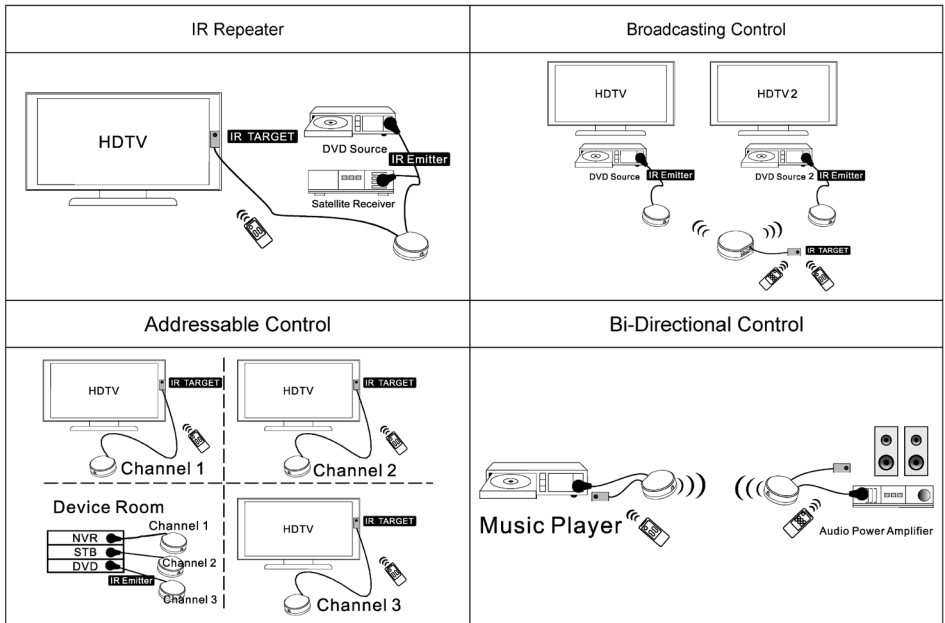
INSTALLATION

- Connect the IR receiver to the receiver socket and ensure it is in line of sight to the remote control.
- If required connect the IR emitter pair to the emitter socket and using the self adhesive strips on the base of the emitter, after testing the location, attach in line of sight to the local destination device IR receivers.
- Connect the PSU 12VDC jack to the power input socket and turn on the power and the LED will illuminate.
- Repeat for the second or additional units in either local, remote or both locations.
- On the rear of each unit is a rotary switch which is used to 'pair' multiple units.
- Set this switch to the identical position for all devices that you require to be in the same grouping.

Rear View



APPLICATIONS



- The devices are bi-directional so the remote control in the display location can control both source devices locally and also in a remote location and the remote control in the remote location can also control the output display as well as local source devices and remote source devices.

NOTE: more reliable IR transmission can be achieved by slightly increasing the distance between IR emitter and the equipment. 5-10cm can achieve better results so experiment before attaching the emitters permanently.

- The working distance between the IR receiver and the remote control is governed by the remote control being used and the battery state so if the range is poor check and replace the remote control batteries.
- The range of transmission between devices is dependent on the environment they are operating in. Walls, steelwork, equipment cabinets etc can all reduce the distance as do other conflicting wireless signals and devices.

CLEANING & MAINTENANCE

- Clean the outside casing with a soft cloth lightly moistened with a mild detergent.
- Never use any abrasive or solvents.

SPECIFICATIONS

Radio frequency (RF)	866MHz
RF transmission range	Up to 100m in open space
IR carrier tuning frequency	20-60kHz
IR receiver distance	up to 7 meters
Transmitter frequency	38kHz and 56kHz
Receiving sensitivity	-90dBm
Power	12VDC 1A

CPC Farnell declares that the radio equipment for wireless transmitter/receivers is in compliance with Radio Equipment Directive 2014/53/EU



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.



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