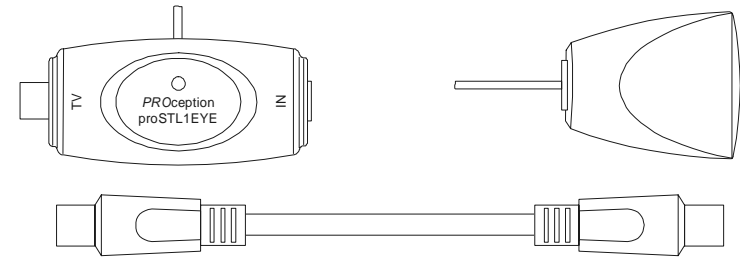


INSTRUCTIONS

This starLINK infra-red receiver 'eye' is an accessory for use with the PROception starLINK remote control extender kit (proSTL1KIT). It allows a further extension room to be equipped for 'universal' remote control in a household TV signal distribution system equipped with a PROception starBOX hub.



Compatibility disclaimer

Occasionally equipment may be found that cannot be controlled via starLINK. Although we guarantee that starLINK equipment will perform its intended opto-electronic functions, PROception cannot guarantee interoperability of this system with every piece of audio or video equipment on the market. Some known incompatibilities are listed under the heading "Compatibility" on Page 1.

2-Year Guarantee

This guarantee covers failure of your PROception product resulting from manufacturing defect within a period of 2 years from the date of supply to the end-user.

This guarantee does not cover damage to the product caused by abuse, tampering, defective installation or natural causes such as lightning discharge. Repair or attempted repair, other than by the manufacturer, will render this guarantee void.

This guarantee does not affect a consumer's statutory rights.

Performance data given are typical unless otherwise stated. Proception Limited reserves the right to change product designs and specifications without prior notice.

Proception Limited,
177-187 Rutland Road
SHEFFIELD
S3 9PT
United Kingdom

Web: <http://www.proception.co.uk/>
e-mail: support@proception.co.uk



PD2011-9023-01

Compatibility

This eye product is for use with the PROception starLINK and starBOX systems only. StarLINK is a wired infra-red re-emission type of remote control extender and is compatible with the majority of household sound and vision equipment. StarLINK is not compatible with UK Digital Cable set-top boxes or with B&O 'Beolink' equipment.

Where remote control is required from multiple extension rooms, the signal connection between the starLINK base unit and the TV outlet in each room **must** be via a PROception starBOX RF Hub. StarLINK is not compatible with other types of 'return path amplifier' and may not be compatible with amplifier bypass kits from other manufacturers.

Installation notes

Installation with an existing TV

If the extension room already has a TV installed, correctly connected via one of the extension room outlets of a PROception starBOX, then adding the starLINK eye is a very simple procedure:

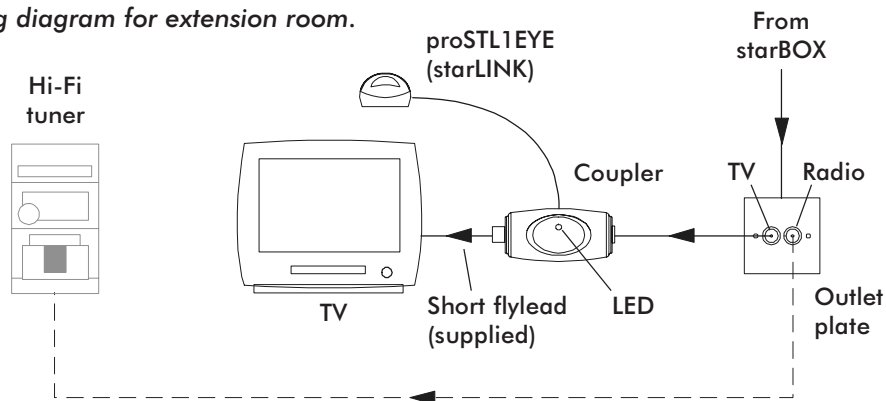
1. Unplug the aerial lead from the TV and plug it into the female IN connector of the coupler.
2. Plug the male TV connector of the coupler into the TV's aerial socket via the short flylead provided.
3. Position the receiver eye on top of the TV, or in a suitable nearby location, facing toward the seating or TV viewing area of the room.
4. Select a VCR or set-top box channel on the TV and check that remote control operation of the relevant source equipment is working.

New extension room installation

The connections required for a new extension room installation are shown in the diagram below. Take care to ensure that the coupler is connected the right way round (the IN and TV connectors are clearly marked). Where a dual TV & radio outlet plate is installed in the extension room, as shown in the diagram, take care to connect the coupler and TV to the TV side of the plate.

If further set-top TV equipment, such as a local VCR or Freeview box, is to be used in an extension room it should be connected between the coupler and the TV. The output channel from such equipment will only be available in that extension room.

Wiring diagram for extension room.



Tuning

In a wholly new installation, extension room TVs will need tuning-in to the output channel(s) from the source set-top equipment at the master location (usually the main living room). To tune-in these TVs leave a tape or disk playing on a VCR or DVD player, or select a known channel on a digital receiver, then tune an unused channel setting on each of the remote TVs into the video or digital programme. Repeat this procedure for each set-top item. For instructions on how to tune a TV refer to its instruction manual or the manufacturer's help line or Web site. Similar tuning will be required for the CCTV camera output, where installed.

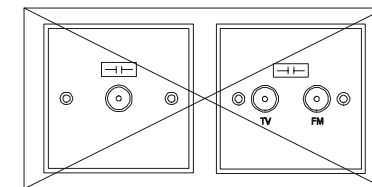
If more than one item of set-top equipment is connected in the system you may experience severe interference (patterning) when more than one output channel is present. In this case the output channel number (modulator channel) for one or more items will need to be changed, and the relevant TV(s) retuned.

Testing

Once installation is complete and TV pictures are available in the extension room, test the system to ensure that remote control of each item of source equipment is working in every extension room. For example, if you are watching a Freeview[†] or Sky* Digital channel from a Freeview[†] or Sky* box in the living room it should be possible to control the relevant box from any extension room equipped with a starLINK eye. The normal remote handset for each item of equipment should be used (or alternatively a suitable 'universal' handset programmed for your equipment).

Avoiding problems

- The eye should be positioned so that it faces toward the viewing area of the room. Avoid placing it where it could be exposed to full sunlight, or near other bright lights, particularly compact fluorescent lamps. (These light sources could inhibit correct operation of the infra-red receiver.)
- Don't plug the coupler directly into the aerial socket of a TV, since its weight could place excessive stress on the TV's connector and cause damage. Always use the short flylead supplied for this purpose.
- The signal connection to the extension room must not include any isolated outlet plates. These will not pass the power supply from the starBOX to the eye and will need to be replaced to ensure correct operation of the system. For further information please refer to the instructions supplied with your starBOX.



Old isolated outlet plates - not compatible with proSTL1EYE

Troubleshooting hints

The following list may help if you are experiencing remote control problems.

Checklist	Comments
Are you using the right remote handset for the equipment you are trying to control?	Check obvious things first!
Is the master location (living room) installation OK?	Check that the base unit and emitters (or blaster) are correctly installed – see proSTL1KIT instructions. Problems here will affect operation in ALL extension rooms.
Is the coupler connected the right way round?	If the coupler is connected backwards TV pictures will be OK, but remote control will not work.
Does the red LED indicator on the coupler flash when a handset button is pressed?	If not, the most common problem is a lack of power from the starBOX. This is usually due to a connection problem, such as a badly fitted coax plug, damaged flylead or the presence of an isolated outlet plate (see text above). Check all connection carefully. (There should be 8 - 9 V DC on the IN connection to the coupler – check with a multimeter if necessary.)
Is the eye positioned away from bright light sources?	Direct sunlight or bright light from fluorescent lamps (or the TV screen itself) falling on the receiver eye can inhibit operation. This will also stop the coupler's LED indicator flashing. Experiment by re-positioning the eye (or lamps).

* "Sky" and "Sky+" are registered trade marks of Sky Broadcasting Group PLC.

[†]"Freeview" is a registered trade mark of the British Broadcasting Corporation.