

## LeisureTech Electronics announces



LeisureTech Electronics have been manufacturing infrared relay systems for 15 years to handle the taxing requirements placed on installers by the open living/alfresco designs of the Australian lifestyle.

As standard, Forté IR is built for

- high levels of sunlight
- the need to provide control outdoors in the warmer climates
- the challenges of interference from plasma screens
- today's high speed IR data in cable and satellite boxes

All components in the new Forté IR range have been upgraded with new features to improve performance and flexibility.

### Receivers

The IRR-450 mini receiver has one of the smallest profiles on the market. It ships with interchangeable black, white and silver covers.

The compact barrel IRR-600 also comes with interchangeable colour rings.

Both receivers relay 38kHz and 56kHz frequencies and include status indication for systems that have toggle power commands to indicate if the system is on.

Their cost is similar to other standard receivers; however, they offer outdoor operation and plasma resistance and will not affect the operating range of other receivers in the system.



### Connecting block

As an industry first, the new IRC-130 connecting block has 5 emitter ports all with individual level adjustment to cater for sensitive products. The input connector includes a snap connector plug for easy assembly. A 3.5mm input socket is included as well as a DC socket for status indication.



All Forté IR products are simple and reliable on the first go.

## Specifications

### Connecting Block

The connecting block is the heart of an IR system. If there is more than one receiver in the system they can be wired together in parallel at the connecting block. It features:

#### Inputs

- Four-way snap-in plug for easy connection
- 3.5mm Infrared receiver socket
- Power socket 2.1mm DC
- "Status" socket for 2nd power supply 2.1mm DC (see section on "Status")
- Dimensions 105mm (4.1") x 25mm (.98") x 58mm (2.28") (WHD)

#### Outputs:

- Five emitter sockets, with signal attenuation trim pots
- Trim pots allow you to attenuate the signal output strength of individual emitter sockets in order to fine tune difficult source components.

#### Mounting:

- End tabs with holes for easy installation.



### IR Receivers

Nominal Operating Range:	Up to 5 metres in direct sunlight Up to 30 metres in ideal conditions
Nominal Operating Angle:	45° off axis
Frequency:	Broad Spectrum, Paid TV- ready
Voltage Requirements:	12 volt regulated
Connection:	4 core
Talk Back:	All models include a Talk Back Indicator LED (IRR-450 Green / IRR-600 Blue)
Status:	All models include a Status Indicator LED (IRR-450 Red / IRR-600 Blue)
Dimensions:	IRR-450: 44mm (1.73") x 11mm (.43") x 12mm (.47") (WHD) IRR-600: 50mm (2") x 15mm (.59") bezel diameter x 12 mm (.47") mounting hole diameter



### Emitters

- Forté IR emitters come in either single or dual head versions.
- The shells are IR transparent so the devices can still be directly controlled using the remote handset.
- A "Blank Out" cover is supplied to prevent IR signals going to other components in situations where there are source components with similar IR codes. Improves adhesiveness of the emitter ensuring long term placement.
- Trainer guides are supplied to assist in a tidy installation.

### Power Supply

- The Forté power supplies are recommended as the standard power supply for our IR systems. Will power up to ten Forté IR receivers.
- Supplied with connecting block.

