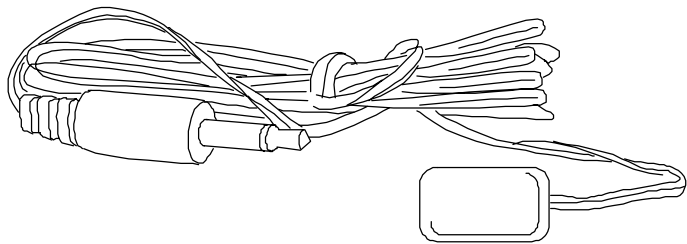


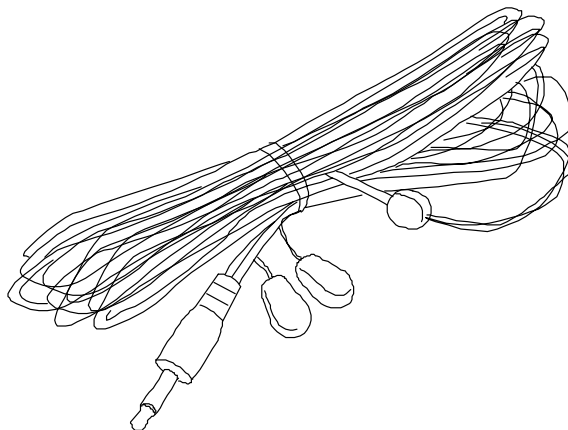


StarServe Infrared Emitter Leads Installation Instructions

8050LD
8050/2LD



8050LD



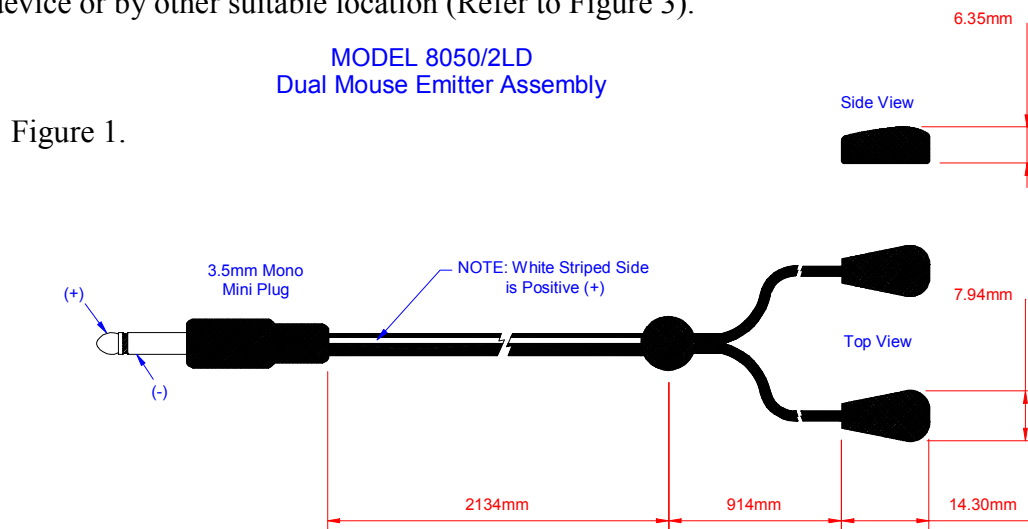
8050/2LD

1.0 Product Range

- 8050LD StarServe Infrared Emitter Lead, Single Head
 8050/2LD StarServe Infrared Emitter Lead, Dual Head

2.0 Description

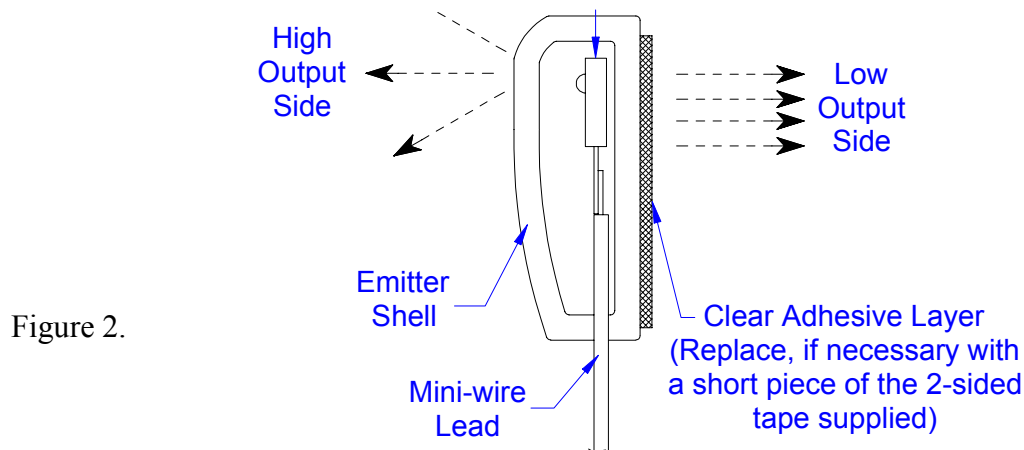
The 8050LD Series Infrared Emitter Lead contains a tiny infrared LED housed in a miniature, mouse shaped, injection moulded plastic shell, and is black in appearance. It emits IR (infrared) control signals sent to it by StarServe infrared receivers or other infrared capable controllers. The 8050LD Series Emitters can be installed directly on the IR sensor window of the controlled device or by other suitable location (Refer to Figure 3).



3.0 Installation Instructions

ATTACHING THE EMITTERS TO IR SENSOR WINDOWS

- Each emitter has a clear adhesive layer on the bottom flat surface of the shell. (Figure 2)

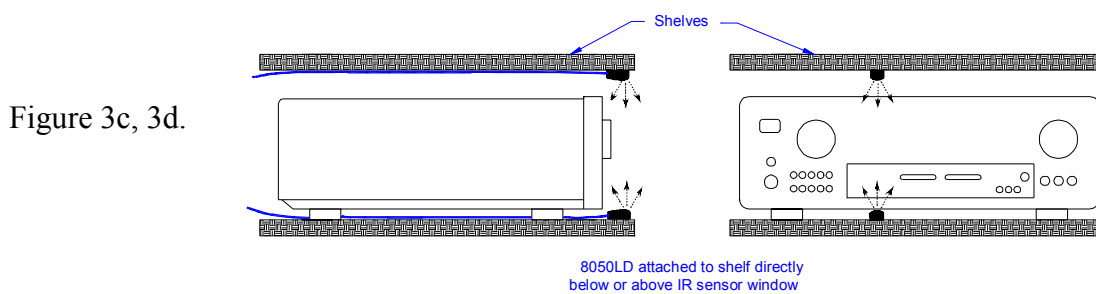
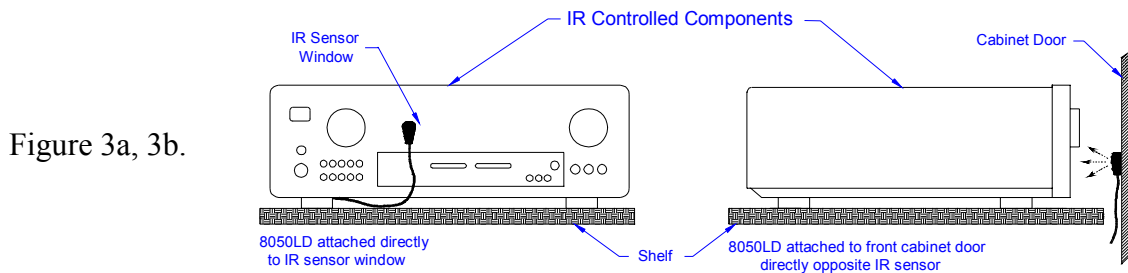


- Simply peel off the adhesive protective cover and stick the emitter to the centre of the IR sensor window on the controlled component's front panel. (See Figure 3a) If you remove the emitter for any reason, it may be necessary to replace the adhesive with a fresh piece of the 2 sided tape (supplied) to restore best adhesion.
- In some cases it may be difficult to find the location of the IR sensor on the component. Consult the owner's manual of the unit, or manufacturer, for the exact IR window location.
- Since the Emitter Shell is transparent to infrared, it allows you to control the component from a hand held remote as well as with the 8050LD Infrared Emitter.

ATTACHING THE EMITTERS TO OTHER LOCATIONS

- The high output from the curved top side of the emitter (Figure 2) permits control from as much as 1 metre (depending on drive current) away when on the axis of the IR sensor window of the component.
- This allows placement on surfaces just below, above or in front of the controlled components for a more pleasing aesthetic appearance.
- Choose a location on a cabinet shelf, door etc. as shown in Figures 3b, c and d. Be sure the edge of the component does not block the IR signal (Figures 3c and d).

CAUTION: Cabinet door locations (Figure 3b) will usually result in interruption of the IR control signals to the components when the door is open.

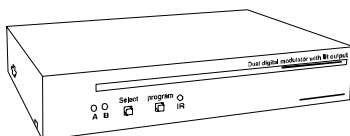


WIRING DETAILS

- Simply insert the mono mini-plug of the 8050LD emitters into the “EMITTERS” or “OUT” jacks on any of the StarServe infrared devices or other IR capable controller.
- Infrared Emitter leads are typically connected to the following devices :



- 2031RFT IR/RF Controller Series wall plates



- 8052VMPIR StarServe Dual Channel Modulator, with IR
- 8054VMPIR StarServe Quad Channel Modulator, with IR

- For further information, including typical IR installation configurations, please refer to the StarServe Installers Guide.

4.0 Product Specifications

Catalogue No.		8050LD	8050/2LD
Electrical Specifications	Maximum Input Voltage	12VDC	
	Maximum Current	100mA (per emitter)	
	Connection	3.5mm Mono Jack	3.5mm Stereo Jack
Mechanical Details	Colour	Black	
	Lead Length	3m	
	Shipping Weight	0.25kg	
	Operating Temperature	0 – 50°C	
	Operating Humidity	10 – 95% RH	
Specifications typical @ 25°C ± 5°C			
No user serviceable parts inside.			

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Technical Support and Troubleshooting

For further assistance in using Clipsal StarServe, please consult your nearest Clipsal Integrated Systems Sales Representative or Technical Support Officer.

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