

IR RECEIVER ADAPTOR

Overview

This unit has been designed to act as an interface between other manufacturers equipment and the Keene IR Distribution system receivers.



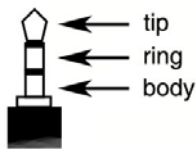
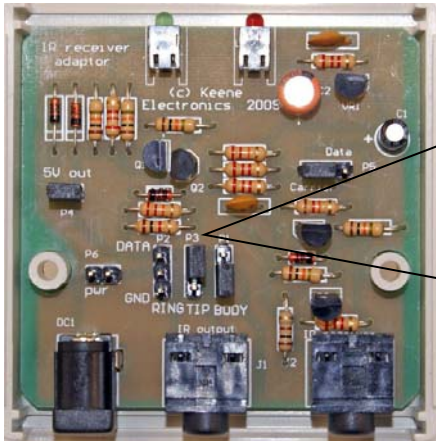
Product Description

Keene IR receivers use a 3 core connection system with 5V supply and the data as 5V Pk -Pk with carrier. The data is on the tip of the 3.5mm plug while the 5v is on the ring and common ground is on the body or barrel of the plug.

Some systems are fine with this format and just require different connections, some don't supply the 5V power and others require 12V data etc. This adaptor will allow you to use Keene IR receivers with a number of different systems simply by configuring the links.

Configuration

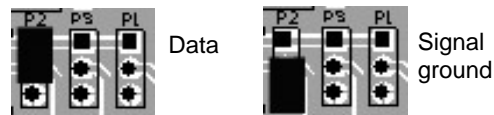
There are six links that need to be configured for you to use the receiver adaptor. To gain access to the links simply remove the two case screws and separate to reveal the PCB.



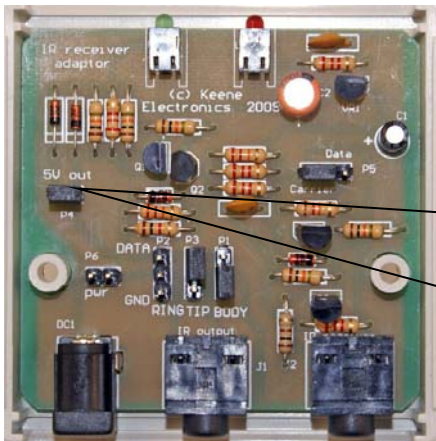
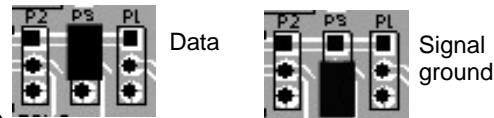
Link P1 This selects the signal that is routed to the body of the output jack. It can be left off for open circuit.



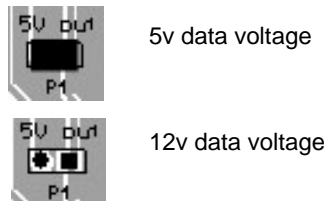
Link P2 Selects the signal routed to the ring of the output jack. It can be left off for open circuit and must be left off if link P6 is used.



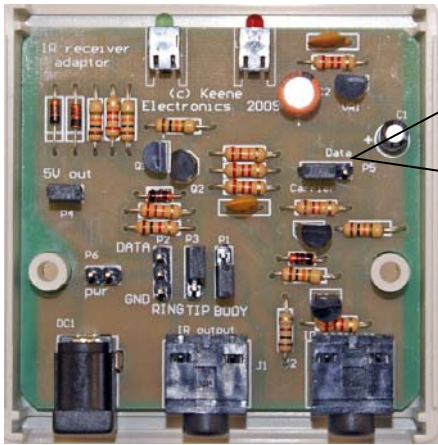
Link P3 Selects the signal connected to the tip of the output jack. It can be left off for open circuit.



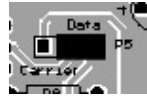
Link P4 Selects 12V or 5V data output. If fitted the output data voltage is 5V if left off then the output data voltage is 12V



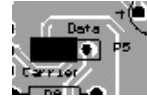
product data sheet



Link P5: Data
Selects either data with carrier or de-modulated data for the output.

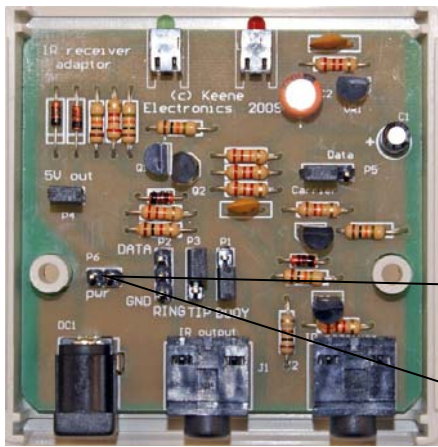


Data only



Data plus carrier

This link cannot be omitted.



Link P6 links the output jack ring to the DC supply line. It can be used to power the receiver adaptor from the ring on the jack plug or to feed power from the receiver adaptor to another device.



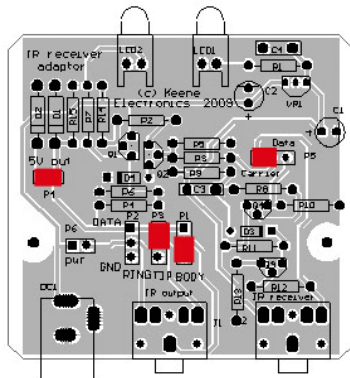
Connects 12v DC supply to the ring of the output connector



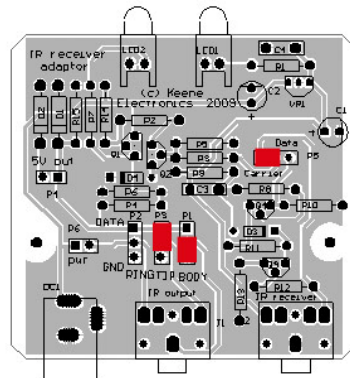
12v DC supply powers the receiver adaptor PCB only.

IF THIS LINK IS FITTED THERE MUST BE NO LINK ON P2 !

Common examples:



Harmon Kardon



Xantech