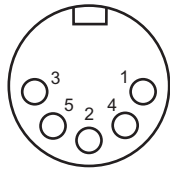


# Telephone Dialup Facilities Wiring

Each version of the Telephone Dialup System (TDS) has a facilities socket. This is a 5 pin DIN connector and allows you to add remote controlled switching and remote indicators to further extend the versatility of the TDS. Full details can be found in the product handbooks but a brief resume is given in the diagrams below.

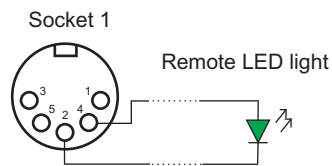
TDS (All)  
Facilities Socket 1 is  
a 5 Pin DIN  
Connector



Pin Description

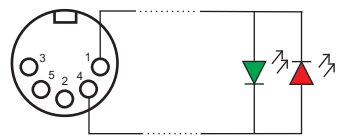
- 1 Remote Start
- 2 0V
- 3 Remote AUTOMATIC
- 4 Remote LED
- 5 Remote MANUAL

Note that no ballast resistor is required

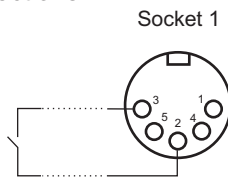


Socket 2 TDS1S/R Only Remote Active / Answer LED

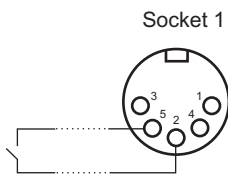
This can be any Bi-Directional LED and does not need a series resistor. Active would normally be green and Answer, Red. If the colours are wrong, reverse the connections.



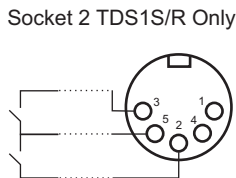
Close switch to enable AUTOMATIC mode



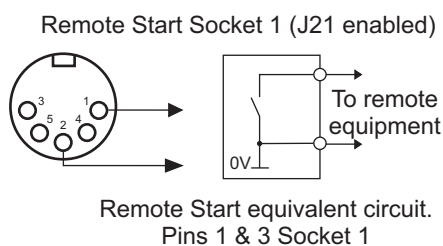
Press switch to Hold / Release a MANUAL call



Close switch to enable permanent transmit on Auto Answer (J24 disabled)



Close switch to change to Answer mode



## Remote Active Light

This feature allows the front panel Active light to be displayed remotely from the TDS unit. The TDS2 has connections for two indicator lights, one for each circuit.

The TDS1S/R has a bi-directional output. If you connect the correct type of light, it will display green for a connection and red when set to receive audio. Any standard LED type indicator light will work.

## Remote Switching

The Automatic and Manual switching can be extended to allow remote control of the TDS. When using remote switching, make sure the switch on the TDS unit is set to the centre OFF position.

For a TDS2, both sets of switching can be extended. Facility socket 1 is for circuit 1, facilities socket 2 for circuit 2.

On the TDS1S/R, facilities socket 2 allows the changeover between audio send and receive to be remote controlled.

## Remote Start

When the TDS connects to the telephone line, the remote start operates. This can be used to start other equipment such as a CD player or digital speech announcement service. It could also be wired to control a relay circuit. Note: Later versions of TDS1 and TDS1SR using the Dialup 8 and later PCB have an additional link option (J20 J21). Enable link J20 to convert the remote start output to a second LED remote active light.

Remote Start. Pins 1 & 3 Socket 1

