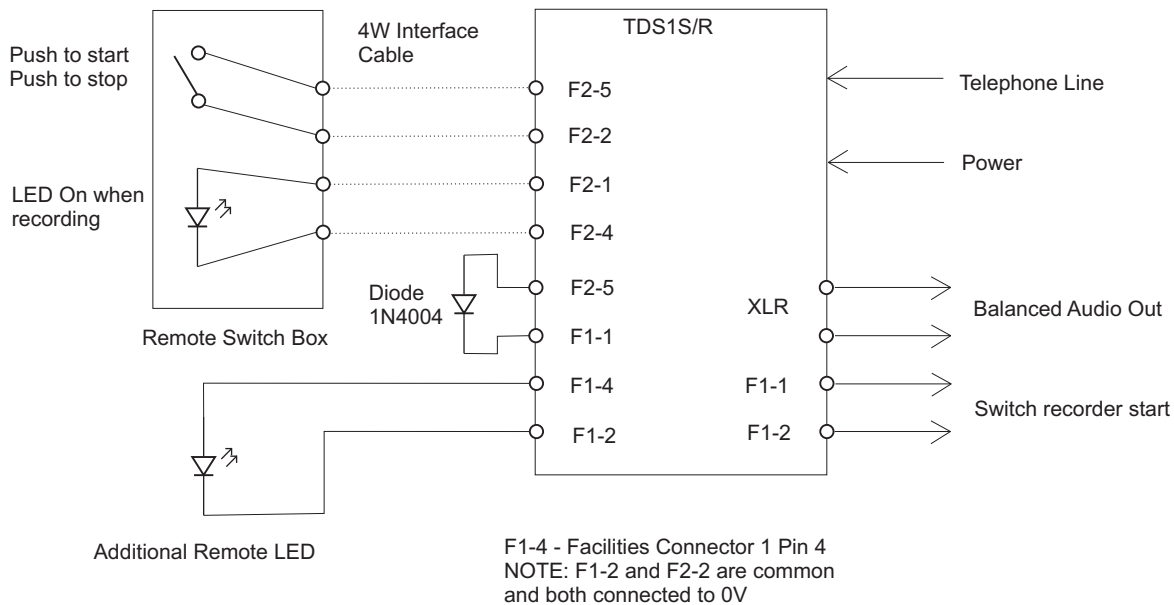




This technical document describes how the TDS1S/R can be configured as an 'On demand' covert telephone line recorder. The system is easy to set up and has sufficient flexibility to be used in many different ways. Access is allowed to all major switching and indicator functions via two Facilities sockets. NOTE: From Nov 09 all TDS1SR units use the Dialup 8 or later PCB and have the diode (F2-5 - F1-1) fitted internally. Invoke the function by linking Facilities Socket 2 pins 3 and 5 with a switch or by enabling internal link J24.

**Brief:** Provide a simple to use covert telephone recording system



Wired as shown above, the TDS1S/R is entirely controlled by a single push switch. When pressed, the TDS1S/R bridges across the telephone line and ports a balanced audio signal out to the recorder. Simultaneously, the Remote Start (F1-1) switches low and starts the remote recorder in record mode.

Audio from the telephone line is recorded until: The push switch is pressed and held for 2 seconds or, until the tape (or recording media) runs out or, until the internal 3hr timer cuts in (can be link defeated).

The Remote Switch Box could be duplicated to allow more than one operate position by using the additional LED output. Both LEDs are ON when the system is recording and OFF when idle. By paralleling LEDs, it may be possible to have up to four operate positions though LED brightness could be an issue. Certainly two positions will work perfectly.

**Remote Recorder Start:** The output (F1-1 & F1-2) has a maximum switching capacity of 600mW (50Vdc highest). This could be wired across a recorder Rec start switch, or, used to power the recorder on / off by using a remote relay circuit. Some recorders can be set to start in Rec mode when powered on.

Thus a really simple, press to record system can be made. One system would be needed for each telephone line to be recorded. The actual TDS1S/R would sit in a secure location with all switches set to a center (off) position. It would always be possible to speak to the caller over the normal telephone, or by using a telephone plugged into the front of the TDS unit.

# Remote Recorder Wiring

