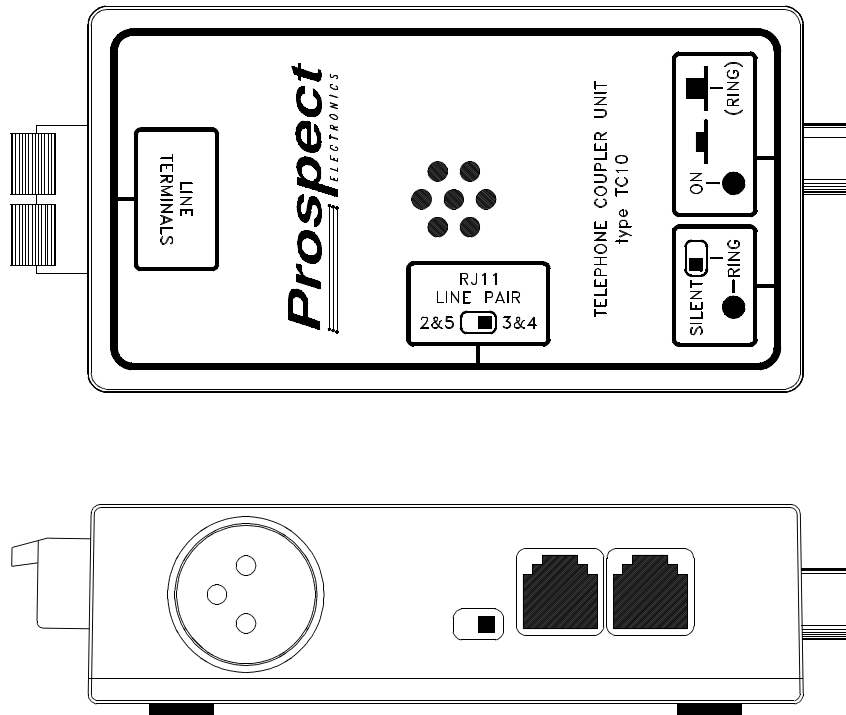


TELEPHONE LINE COUPLER type TC10

The TC10 provides a low-loss audio interface to a telephone line. The line-powered unit is compatible with all analogue direct exchange lines, and includes both an LED indication of incoming calls and a ringer with mute switch. Although the unit is commonly used with an earpiece amplifier to receive an audio feed by telephone from the studio, it can also be used to couple the studio output to the line.



FEATURES

- * Audio interface to analogue direct exchange lines - send or receive with electrical isolation from line.
- * Line powered - requires no battery or external power.
- * Indicator LED's show "ring" and "in use" conditions.
- * Internal ringer, with "silent" switch.
- * Loop-thru line sockets provide in-line connection with existing telephone.
- * Line connections to British or American sockets, or spring terminals.
- * Existing telephone remains connected when the unit is in use.
- * XLR3 male audio connector.
- * Small, rugged metal case.

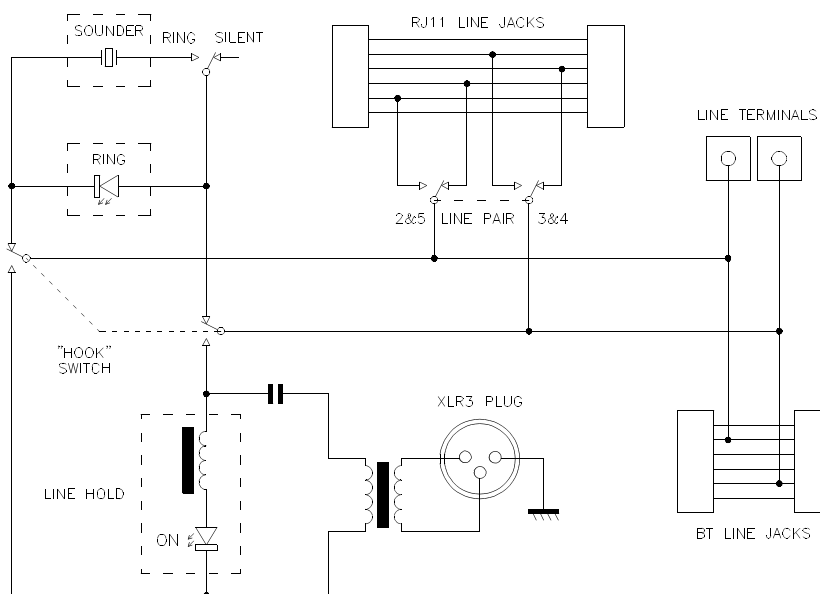
TELEPHONE LINE COUPLER type TC10

DESCRIPTION

The line and telephone set are connected to the unit in order to make an outgoing call. A telephone may not be required if calls are only incoming, as a ringer and flashing LED are built into the unit. In either case, the "hook" switch is pressed to make the line connection. The ON LED then indicates that the unit is powered and that the audio circuit is routed to the line. A mute switch disables the ringer, when not required.

If needed, suitable adaptors can be connected to either of the RJ11 line sockets to enable the unit to be used with the public telephone system in any country. Spring terminals and line sockets to the British Telecom standard are also provided for direct line connection.

BLOCK DIAGRAM



SPECIFICATIONS

AUDIO INPUT/OUTPUT

INPUT/OUTPUT IMPEDANCE 600 ohm(nominal), transformer coupled on XLR3M connector

2-WIRE

OFF-HOOK VOLTAGE 4V (min).

2-WIRE CONNECTORS RJ11 (American), BT 603A (British)

PHYSICAL

DIMENSIONS H34mm W60mm L130mm

WEIGHT 235g

CASE Metal alloy with light grey and black finish