



International Broadcast Transmitters Ltd.

Landline Telephone Interconnect – model *LL-PATCH*



The *LL-PATCH* telephone interconnect is used for interfacing a dial-up landline telephone line (or fixed phone line) to a studio console, such as the Wantok-SBS-1 or SBS-2, or any other studio console or audio mixer. This permits the broadcast station to conduct live interviews or broadcast live feeds originating over the telephone network. Examples are field reporting and telephone interviews initiated at the studio.

Features

- Adjustable amplified phone line audio to adjust for various levels of audio entering from the phone line, and various levels required for the console or mixer.
- 10 segment VU meter indicates relative audio output loudness.
- Standard RJ11 telephone line and telephone set connections.
- RCA / phono audio output jack.
- Can be operated from any 4 to 12 Volt DC external source including the auxiliary DC output jack on a Wantok-SBS-1 or Wantok-SBS-2 studio console.
- Comes with three cables: DC-coaxial to DC-coaxial, phono to phono , and RJ11 to RJ11.

INSTRUCTIONS

Setup

- If using an International Broadcast Transmitters Wantok-SBS-1 or Wantok-SBS-2 console, connect the *LL-PATCH*'s DC power jack to the studio console's 12 VDC auxiliary DC output jack with the supplied power cable. Alternatively, any 4 to 12 VDC power source can be used (positive to centre pin).
- Connect the supplied phono to phono cable from *LL-PATCH*'s audio output jack to the studio console's line level input jack. If another style of console / mixer connector is used, use an appropriate audio cable or adapter.
- Connect a telephone line and telephone set to the *LL-PATCH*'s RJ11 connectors (either to either). An RJ11 patch cable is included.



Operation

- Turn the *LL-PATCH*'s power switch to the ON position.
- Make a telephone call with the telephone set in a normal matter.
- Turn *LL-PATCH*'s "Online" switch to the up position; this will complete the connection from the telephone line to the studio console or mixer.
- Adjust the *LL-PATCH*'s OUTPUT LEVEL control and the mixer's input line level for a good incoming audio level on the mixer's indicators. It is normal for the person at the studio end to sound louder than the distant person. Overcome this difference in levels at the studio by reducing speech levels, increasing the distance from mouth to handset, or by using the mixer's Line-in slider to keep both parties more or less at the same level.
- If only the distant party is speaking for an extended period, the studio's telephone handset can be hung up to eliminate studio background sounds.