



BP116 / 117



BP116



BP117

Features

The BP116 and BP117 dual circuit headset outstations offer full simultaneous dual channel communications. Audio from each ring is fed separately to each earpiece. Many users find it easier to follow two different sound sources when they are fed separately to each ear – a system often known as ‘split feed’. Speech and signalling to each circuit is available to either or both simultaneously, as required.

Note that if they are used on single circuit systems, the second (unused) circuit connection needs to be terminated. (An LI906 will provide this termination).

Headsets to operate with these binaural dual channel beltpacks need to be fitted with an XLR 5 pin connector, and to have both earpieces separately wired. For obvious reasons, single muff headsets are not suitable for use with these units.

Dual circuit (binaural)

- Simultaneous communication on two circuits
- Independent volume controls for each circuit
- Each channel independently fed to each earpiece
- Speak to either or both circuits
- Signal (flash) onto either or both circuits
- Superbright LED Flash indicator shows which channel is calling
- Two XLR 3 pin female connectors for separate circuit connections on BP116
- XLR 6 pin connectors for single cable connection on BP117

The Tecpro Communication System

Tecpro is a ‘two wire’ or, as it is sometimes known, ‘party-line’ or ‘ring’ system which enables a number of people to take part in the same conversation. Each participant can hear all other participants on the same circuit while being able to talk to them simultaneously, so a full ‘duplex’ conversation can take place – similar to a telephone system.

The major applications for these systems are in the theatre, conference, live performance and broadcast markets, though new applications are constantly emerging.

A basic Tecpro communication system would comprise a power supply and two or more outstations or beltpacks. An outstation may be wall mounted, free-standing or mounted in a rack. It will usually have a built-in loudspeaker and possibly a microphone. Beltpacks are intended for personal use and work only with a headset. Outstations and beltpacks connect together with two core screened microphone cable which carries system power, audio, and various control signals. Most have a 3-pin XLR input and output and can be simply daisy-chained together. Alternatively interconnection can radiate out from a central, passive splitter. A combination of both methods is often used.

More complex systems can use a master station which has two in-built power supplies and offers two independent communication circuits, A and B, which can be linked if required.



TECHNICAL SPECIFICATION - BP116 & BP117 BELTPACK HEADSET OUTSTATIONS

Power requirements.....	24/30V DC, 10mA quiescent. 40mA max with Signal lamp on.
Headphone output.....	Suits 8 ohm to 4k ohm headphones.
Microphone input.....	Suits 200 ohm to 600 ohm dynamic microphones.
Sidetone rejection.....	Up to 45dB.
Connector.....	BP116 – two XLR 3-pin female BP117 – XLR 6 pin (Neutrik) male and female – system loop through Both versions - XLR 5 pin male for headset.

OTHER TECPRO PRODUCTS

MS741 MASTER STATION - Combined power supply and 2 circuit station
ME742 MASTER STATION EXTENDER - Combined power supply and 2 circuit extender unit
MS 745 MASTER STATION - Basic combined power supply and 2 circuit station
PS711 3 CIRCUIT POWER SUPPLY
PS713 BATTERY POWER UNIT
BA905 BOOST ADAPTOR
BP111 BELTPACK HEADSET OUTSTATIONS - Single circuit
BP112 and BP113 BELTPACK HEADSET OUTSTATIONS - Dual circuit (switchable)
BP 114 and BP115 BELTPACK HEADSET OUTSTATIONS - Dual circuit (monaural)
HS120 SERIES HEADSET OUTSTATIONS - Fixed headset outstations for permanent installations
LS300 SERIES TALKBACK LOUDSPEAKER STATIONS
LS SERIES PAGING LOUDSPEAKER STATIONS
SL909 XENON STROBE LAMP
CONNECTION ACCESSORIES - Standard cables and special function cables
AD903 AUXILLIARY INPUT and OUTPUT ADAPTER - 2 wire to 4 wire interface
AD913 SIMPLEX RADIO ADAPTER
YL916 HEADSET OUTSTATION 'Y' LEAD
SB901 SPLITTER / ISOLATOR BOX
L1906 LINE ISOLATOR
WALLMOUNT CONNECTOR PLATES

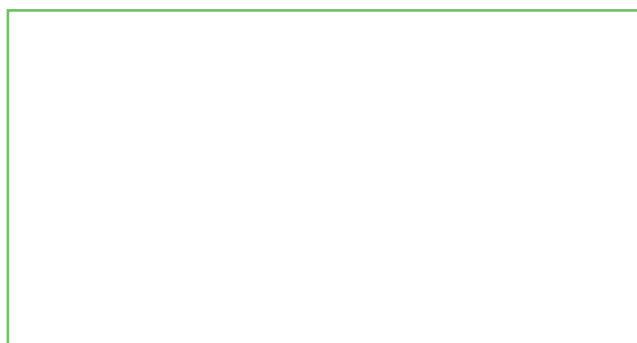
HEADSETS:

DMH320 - Dual muff
SMH310 - Single muff
DMH220 - Dual muff
SMH210 - Single muff
SMH130 - Lightweight single muff with boom

HANDSETS:

HH10 - Telephone handset
HH5 - Fist mic

DEALER



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