



BP112 / 113



BP113

The BP112 and BP113 dual circuit headset outstations are very similar to the well proven BP111 single circuit unit, and use the same electronics and controls. However a recessed toggle switch is provided in the top panel of the unit to enable users to select either channel A or channel B operation

On the BP112, two XLR 3 pin female connectors are provided for connection to the rings, one connector for each circuit. This version will be useful where users want to use only standard twin screened (ie. microphone) cables. As both connector positions on the beltpack are used, there is no facility for loop-in, loop-out on this version.

On the BP113, two XLR 6 pin (Neutrik) connectors are provided, one female and one male, for loop-in, loop-out purposes. This version is intended for applications where only a single cable connection is wanted.

## Features

### Dual circuit (switchable)

- Circuit selection on beltpack
- Recessed circuit selector switch
- 2 XLR 3 pin connectors for separate circuit connections on BP112
- XLR 6 pin connectors for single cable connection on BP113
- Economical method for providing choice of operating channels

## 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 - BP112 & BP113 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.....	BP112 – two XLR 3-pin female BP113 – XLR 6 pin (Neutrik) male and female – system loopthrough Both versions – XLR 4 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
- BP114 and BP115 BELTPACK HEADSET OUTSTATIONS** - Dual circuit (monaural)
- BP116 and BP117 BELTPACK HEADSET OUTSTATION** - Dual circuit (binaural)
- 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**

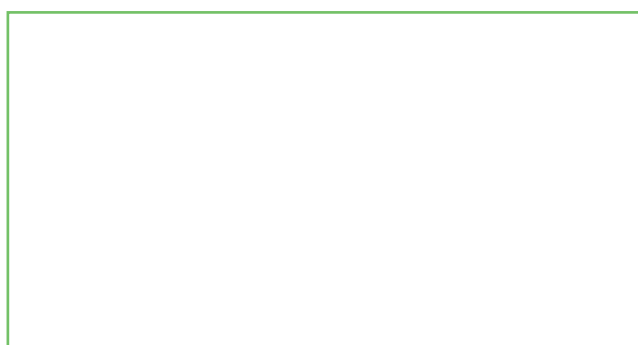
### HEADSETS:

- 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

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