



### HEADPHONE AMPLIFIERS

High quality, push-pull headphone amplifiers are employed with an output level (PS Series) nom. 1W rms @ 200 Ohm and (BASIC Series) 400 mW @ 200 Ohms. The complete system offers a frequency response (BASIC Series) 200 Hz to 13 KHZ (PRO SERIES) 200 Hz to 15 KHZ with a dynamic range of 80 db. Special proprietary frequency contouring circuitry ensures high intelligibility for voice and communications.

### BASIC SERIES FEATURES

- n Strong ABS backpacks for light weight and durability
- n Unique visual and audible call system with volume trimmers
- n Powering for dynamic or electret headset mics as standard
- n Separate TALK- and CALL functions with large LED indicators
- n Auto resetting switch mode power supplies for 110/240 V mains
- n Proprietary frequency correction for high intelligibility
- n Automatic headset detection
- n Auxiliary program input

switch mode type. In case of short circuits, faulty wirings, or dangerous thermal conditions the PSU will stay unharmed, will reduce power, and eventually shut down. Once the faulty condition has been removed, the power supply will automatically reset and full power will be restored.

### TALK

TALK buttons with green LED indicator enable the user to talk to one channel only or more channels

sensitive environments. CALL buttons enable the user to generate a call signal to each channel separately. An incoming or outgoing call signal is indicated by a large red LED. If a CALL button is held for more than 2 seconds, the internal audio BUZZER is activated. The volume of the BUZZER sound can be trimmed or muted.

### AUX INPUT

An electronically balanced auxiliary input on the master stations and

### PRO SERIES FEATURES

- n Latching or momentary TALK buttons
- n One, two, four and six channel user stations
- n Strong ABS backpacks for light weight or strong aluminium backpacks for durability
- n Separate CALL and TALK functions with large LED indicators
- n Unique visual and audible call system with volume trimmers
- n Remote mic mute and buzzer (audible call) mute
- n Powering for dynamic or electret headset mics as standard
- n Headphone volume and dynamic range exceeds normal industry standards
- n Extended frequency response and proprietary frequency correction for high intelligibility
- n Individual side tone and buzzer volume trimmers at each user station
- n Auto resetting switch mode power supplies
- n Auxiliary program inputs
- n Electronic switching
- n Automatic headset detection
- n Optional binaural headset operation for multichannel-stations
- n DC input
- n System Link

# BASIC & PRO SERIES FEATURES

### SIDE TONE

Every user station has a side tone trimmer for each channel. It is used to adjust the level of the users voice as heard over his own headset or loudspeaker.

### POWER SUPPLIES

All the power supplies are of the

simultaneously. The TALK buttons of the PRO SERIES are latching or momentary (latching when only pushed quickly - momentary when holding for longer than 2 seconds).

### CALL

The combined visual and audio call system covers light and/or sound

multi-channel power supplies, feeds auditorium program onto the intercom line. The inputs of the BASIC Series can be switched between line or 30V phantom powered mic level. The PRO Series has a line input with a 'ground lift' switch.

### HEADSETS

Headsets with dynamic or electret microphones can be connected as standard. The mic gain can be adjusted internally to suit all possible input levels. A headset detection circuitry ensures the mic pre-amp is only active when a headset is connected.

Headset/Speaker volume controls enable the user to listen to the communication signal at any required level and, at multi-channel stations, at any required balance.



### BASIC SERIES INTRODUCTION

The BASIC SERIES offers a cost effective solution for smaller networks where full duplex, party-line communication is required. The interconnect system is based on a standard, balanced mic cable with XLR-3 connectors. The installation requires no expert knowledge and the superior control layout allows comfortable operation.

High quality push-pull headphone amplifiers are employed and the complete system offers a frequency response of 200Hz to 13kHz with a dynamic range of 80dB. Special proprietary frequency contouring circuitry ensures high intelligibility for voice communications. A current driven interconnect loop ensures operator listening levels do not change as stations are added or removed from the network.

### BS 216 DUAL CHANNEL MASTER STATION



The BS 216 is a dual channel intercom station with a built-in, switch mode power supply and AUX input for program signals. It is housed in a 19" steel case and provides all the features necessary for a two channel communication system, in conjunction with BS 15 beltpacks.

## B A S I C S E R I E S

### BS 15 SINGLE CHANNEL BELTPACK



The BS 15 is a portable 1-channel intercom station, housed in a strong ABS case and provided with a belt clip. The unit is powered via the intercom line by a BS 216 master station or a BS 181 / BS 286 power supply.

### FEATURES BS 216

(further explained on page 2 + 3)

- n Power Supply Section  
The switch mode power supply is designed to safely drive fifteen BS15 beltpacks, when each is driven to full volume.
- n TALK and CALL Buttons & LEDs
- n Volume Control (Listen Level)
- n Aux Input  
volume control for each channel



**BS 181** SINGLE CHANNEL POWER SUPPLY



The BS 181 is a 1-channel, switch mode power supply in a steel case. It is capable of safely driving fifteen BS15 beltpacks, when each is driven to full volume. It provides all the features necessary for a simple communication system based on BS 15 beltpacks.

**B A S I C   S E R I E S**

**BS 286** DUAL CHANNEL SEPARATE POWER SUPPLY



**FEATURES BS 286**

(further explained on page 2 + 3)

- AUX Input
- Volume control for each channel.

The BS 286 is a 2-channel switch mode power supply with AUX input for program signals. It is housed in a 19"/1U steel case and is designed to be able to safely drive fifteen beltpacks BS 15, when each is driven to full volume.

The BASIC SERIES products are also available as pre-packed intercom systems:

	BS 216	BS 181	BS 15	HS-1/D	HS-2/D
Talkpack 1		1	2		
Talkpack 2		1	2		2
Talkpack 2-1		1	2	2	
Talkpack 3	1		2		



**TALKPACKS**

