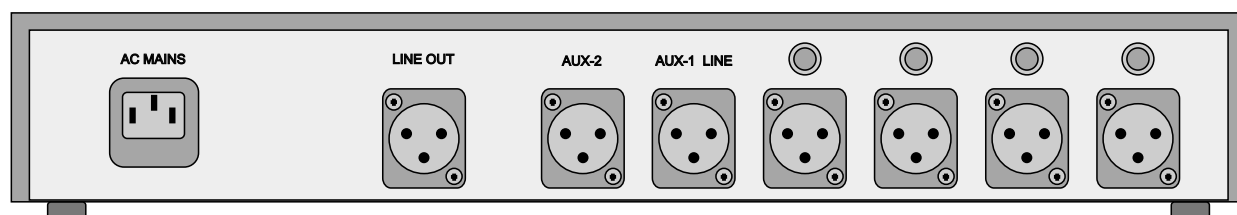
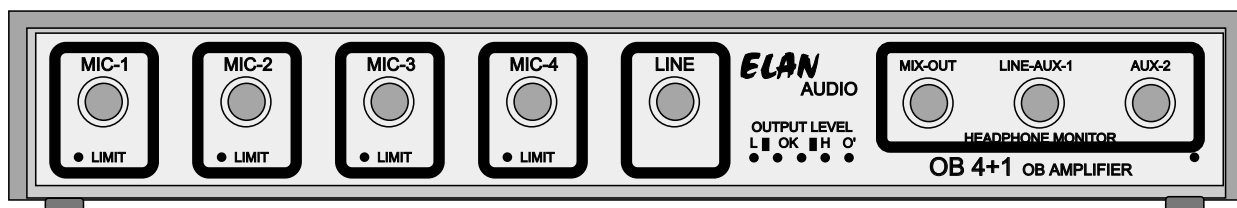


OB 4+1 Outside Broadcast Amplifier

Featuring

4 Balanced Microphone Level Inputs
Phantom Microphone Power
Gain Control Links
Low Frequency Cut Provision
AGC/Limiter on all Microphone Inputs
Differential Balanced Output
LED Output Level Indicator
Balanced Line Level Input

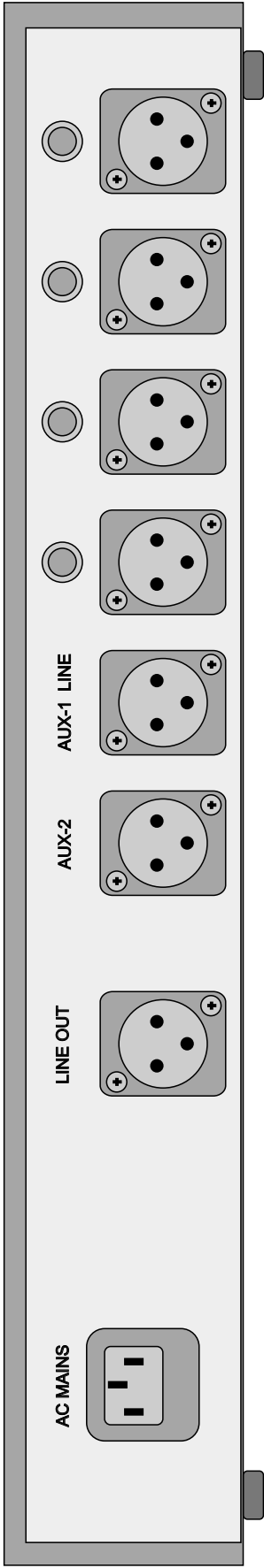
3 Way Headphone Monitor Mixing
2 Balanced Monitor Inputs
Built In AC Power Supply
3 Pin Cannon Microphone Inputs Standard
6.35 mm Headphone Jack Standard
Optional 5 or 6 Pin Cannon for Headsets
Robust and Reliable Construction



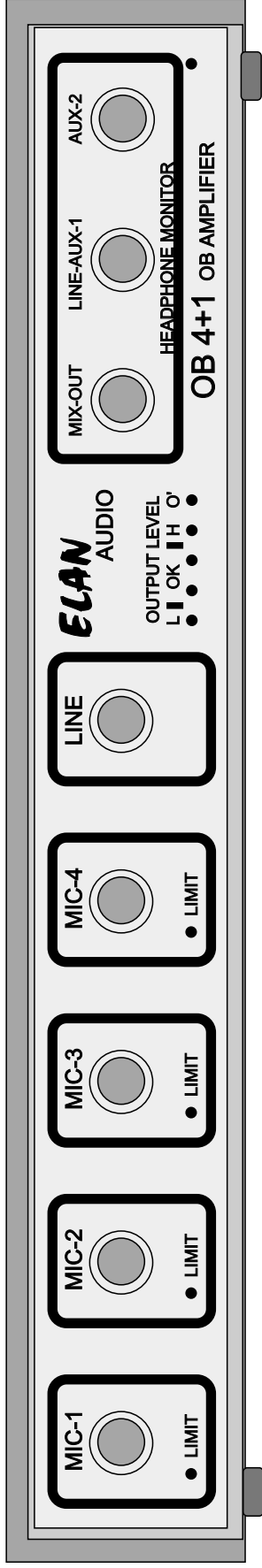
Multipin Cannon Connectors
optional for Headsets

Manufactured in Western Australia by

Elan Audio. 2 Steel Court. South Guildford. Western Australia. 6055. ABN 90 093 605 249
Phone 08 9277 3500. Fax 08 9478 2266. email sales@elan.com.au www.elan.com.au



Rear View



Front View

Dimensions

Height 60 mm
Plus height of Rubber Feet

Width 390 mm

Depth 220 mm

OB 4 + 1 Outside Broadcast Amplifier

Descriptive and Technical Information

OB 4+1 Outside Broadcast Amplifier

The following is written to explain the features of the OB 4+1 Outside Broadcast Amplifier and to draw the attention to features built into it making it a practical piece of Professional Broadcast Equipment.

The OB 4+1 is designed and built in Western Australia by Elan Audio, a wholly Australian owned company and is the culmination of more than 25 years of experience in the design and manufacture of Professional Radio Broadcast Equipment by Poul Kirk and his associates.

It is a standard product providing 4 Balanced Microphone Level Inputs and 1 Balanced Line Level Input, as well as comprehensive Headphone Monitoring Facilities.

The OB 4+1 although primarily designed as an Outside Broadcast Mixer is also an Excellent and Practical High Performance 4 Channel Microphone Mixer for Studio Applications.

The Line Output is Differentially Balanced and is not provided with an Output Transformer, and will feed directly into a normal ISDN Codec, Tie-Line other active Telephone Line Interface.

It does require an approved Transformer based Line Isolating Unit when used into a Land-Line.

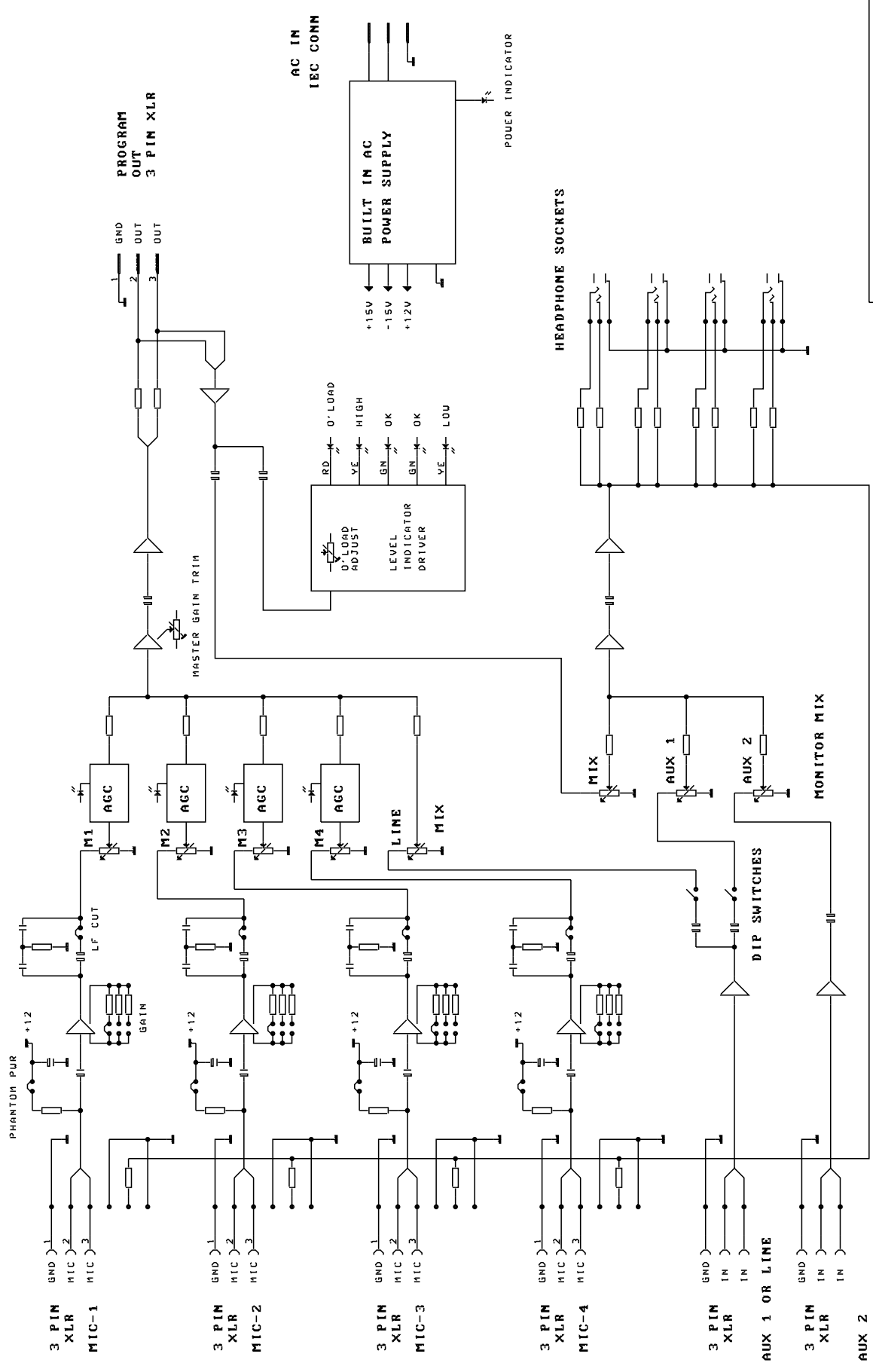
As standard, the OB 4+1 is fitted with 3 Pin Cannon Female Microphone Sockets but is available with 5 or 6 Pin Microphone-Headset sockets at an extra charge.

The OB 4+1 is housed in a sturdy and attractive casing fitted with a practical carrying handle at one end, and measure 390 mm wide x 60 mm high x 220 mm deep.

The unit is AC Powered and feature a built in regulated Power Supply, providing + 15V, - 15V and +5V DC for its operation.

The following is a list of the features of the OB 4+1.

- ◆ 4 Balanced Microphone Level Inputs on 3 Pin XLR Sockets.
- ◆ Link Selectable +15V Phantom Microphone Power.
- ◆ 3 step Link Selectable Microphone Gain control to suit any type of Microphone.
- ◆ Link Selectable Microphone Input LF Cut.
- ◆ Rotary Microphone Gain Controls.
- ◆ Separate AGC/Limiter on each Microphone channel with LED Indicator.
- ◆ Balanced Line Level Input and Rotary Gain Control.
- ◆ Dip Switch to enable/disable Line Input to Mixer Output.
- ◆ Dip Switch to enable/disable Line Input to Headphone Monitor.
- ◆ Master Gain Trim Potentiometer.
- ◆ +4 dBm Differential Balanced Line output.
- ◆ Simplified LED Output Level Metering.
- ◆ Comprehensive Headphone Monitor System.
- ◆ Monitor Mix from Mixer Output, Line/Aux 1 input and Aux-2 Input.
- ◆ Headphone Driver Amplifier of Adequate Power Rating.
- ◆ 4 x 6.35mm Headphone Sockets wired for Standard Hi-Fi Stereo Headphones.
- ◆ Built in AC Power Supply.



ELAN AUDIO AUSTRALIA

Title		OB 4+1 OB AMPLIFIER	
Size	Number	Revision	
A3	OB4-1BK		
Date:	17-AUG-2001	Sheet	of
File:	OB4-1BK/1	Drawn	By:

MULTIPIN CANNON CONNECTORS ARE AVAILABLE AT EXTRA COST FOR USE WITH MICROPHONE HEADSETS