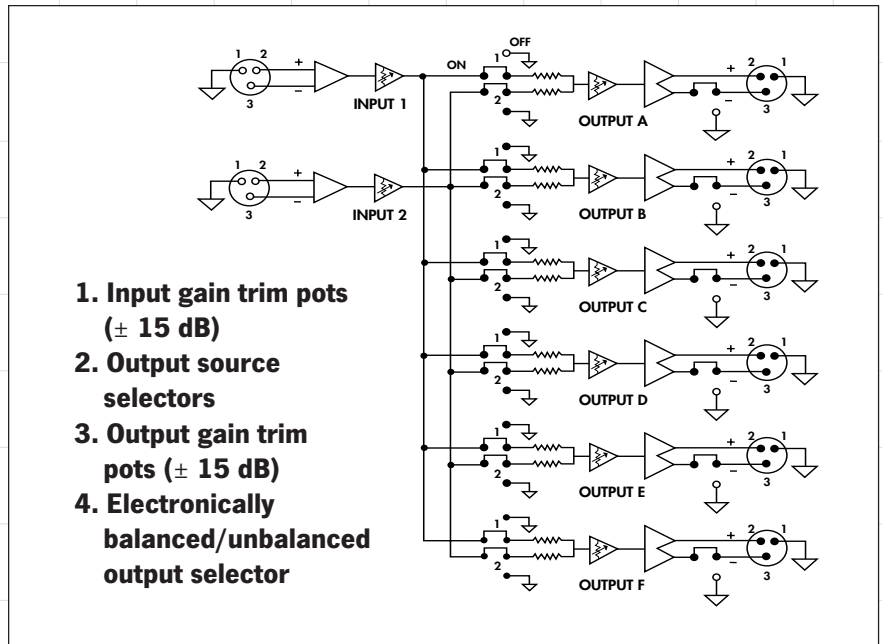


The Oxmoor MDA-16 and MDA-26 are high-performance audio buffer/distribution amplifiers for professional applications. The MDA-16 enables a single input to be distributed among six electrically-isolated output channels. The MDA-26 adds flexibility with two inputs accepting either stereo or two mono sources. Using internal jumpers, each of the MDA-26 outputs can be assigned to either or both inputs.

The MDA-26 permits a wide variety of signal routing and level matching combinations. Example: two one-by-three Distribution Amplifiers or stereo in with stereo out and four mono sum outs.

Each model allows front-panel input gain trim adjustment of ± 15 dB to compensate for varying input signal levels. Outputs also feature independently adjustable gain over a ± 15 dB range and can deliver a maximum level of +24 dBm, 20Hz to 20kHz, with greater than 80dB of isolation between channels.

Inputs and outputs are electroni-



1. Input gain trim pots (± 15 dB)
2. Output source selectors
3. Output gain trim pots (± 15 dB)
4. Electronically balanced/unbalanced output selector

MDA-26 Distribution Amplifier

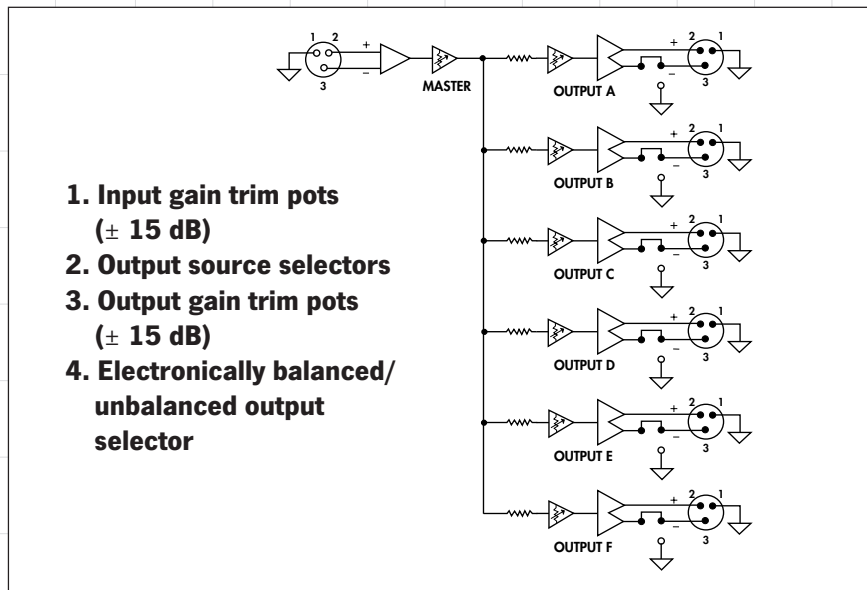
cally balanced and feature standard 3-pin XLR-type connectors. The input circuits accommodate up to +24 dBu signal levels, and incorporate RF suppression to preserve signal integrity in the presence of radio-frequency interference. Each out-

put driver has an internal jumper that allows configuring for balanced or unbalanced operation. Optional output transformers are available by ordering either the MDA-16T or MDA-26T.

Both models are capable of matching disparate signal levels, allowing hi-fi and professional line-level signals to be freely inter-mixed without additional interfaces. Their impressive audio specifications, and compact, rugged construction make them ideally suited to recording and broadcast applications.

Housed in 1U EIA rack-mountable enclosures and UL Listed, the MDA-16 and MDA-26 are the reliable and dependable solutions to whatever audio distribution problems you may have.

For more information on any Oxmoor product, please contact the Oxmoor Sales Department. Or download complete product brochures and manuals at our website: www.oxmoor.com.



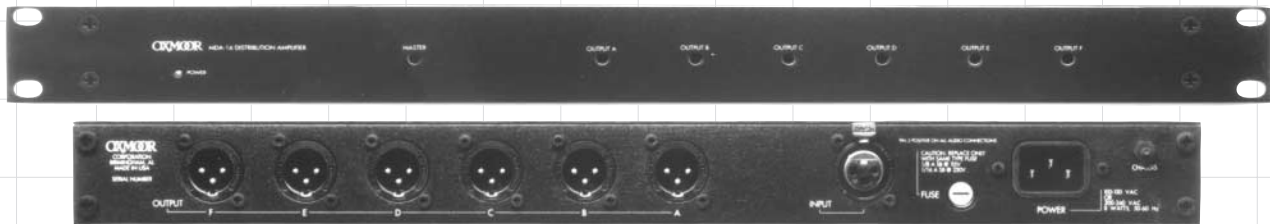
1. Input gain trim pots (± 15 dB)
2. Output source selectors
3. Output gain trim pots (± 15 dB)
4. Electronically balanced/unbalanced output selector

MDA-16 Distribution Amplifier

MDA-26™/MDA-16™ SPECIFICATIONS



FREQUENCY RESPONSE	20 Hz to 20 kHz +0, - 0.3 dB - 3 dB Points, Ref.1 kHz 4 Hz to 60 kHz (+4 dBm Output)
HUM AND NOISE	Ref. +4 dBm Output @ Unity Gain -94 dB (20 Hz to 20 kHz BW, Unweighted)
DISTORTION	Ref. +4 dBm Output @ Unity Gain THD + NOISE 0.0016% (20 Hz to 20 kHz BW) SMPTE IMD 0.0021% (60 Hz + 7 kHz, Mixed 4:1) Transient Intermodulation 0.0031% (3.15kHz SQ + 15kHz Probe, 30kHz BW)
CROSSTALK	Channel to Channel (MDA-26) -80 dB (20 Hz to 20 kHz, Input Terminated w/600 Ohms, Adjacent Channel Driven to +4 dBm)
AUDIO INPUT	Type Electronically Balanced (RF Suppressed) Connector Female XLR Pin Out Pin 1 Shield (Chassis), Pin 2 +, Pin 3 - Input Impedance 80 k Ohms Nominal Input Level +4 dBu Maximum Input Level +24 dBu Trim Pot Gain Range ±15 dB (Ref. 0 dBu Output)
AUDIO OUTPUT	Type Electronically Balanced (Unbalancing Jumpers Provided) Connector Male XLR Pin Out Pin 1 Shield (Chassis), Pin 2 +, Pin 3 - Source Impedance 150 Ohms (75 Ohms/Side) Recommended Load Impedance 600 Ohms or Greater Nominal Output Level +4 dBu (+4 dBu Input) Maximum Output Level (Ref. 1 kHz @ Rated THD) Terminated w/600 Ohms +24 dBm (All Outputs Driven Simultaneously) Unterminated +26 dBu Trim Pot Gain Range ±15 dB (Ref. 0 dBu Output)
SAFETY LISTING	UL 1419
MAINS POWER	Power Requirements 100 to 125 VAC or 200 to 230 VAC 50/60 Hz; 13 Watts Maximum
MECHANICAL	Overall Dimensions 44H x 482W x 183D mm (1.72" H x 19" W x 7.18" D) Finish Textured Black Paint Weight Shipping: 3.8 Kg (8.5 lb.) Net: 3.1 Kg (6.9 lb.)



Specifications subject to change without notice. *SMPTE Method; 60 Hz +7 kHz mixed 4:1.



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