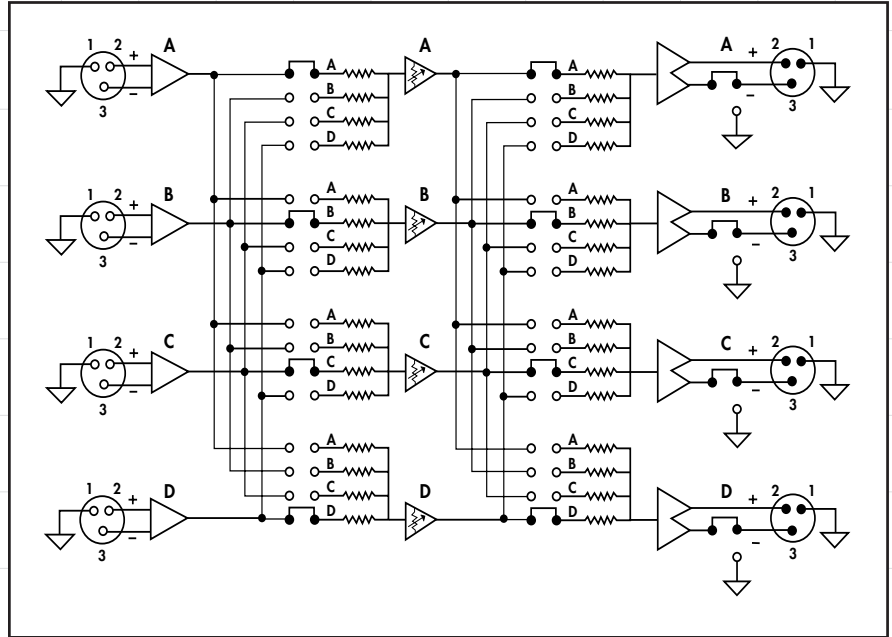


The Oxmoor 4x4™ is a compact four-channel buffer/mixer/distribution amplifier. Any of the four inputs can be assigned to any (or all) of the four outputs. Two independent mixing buses enable signals to be mixed before or after the gain stage. Front panel controls provide  $\pm 15$  dB of gain adjustment that may be assigned to the inputs or outputs, and the outputs can deliver +24 dBm to a 600 ohm or higher impedance load. Jumper blocks are used to configure the unit, thus affording complete flexibility with security; nobody can casually reconfigure your system by twiddling the knobs.



*The 4x4 can route any of four inputs to any or all of four outputs.*

All inputs and outputs are via XLR connectors and are electronically balanced: output transformers are optional (4x4T version). The inputs are RFI protected so the unit works perfectly even in a broadcast facility.

While the 4x4 is a great DA with four independently adjustable outputs, this unit does more than distribute audio. Its mixing capability enables it to combine four inputs to drive a single output. It can be used as a zone mixer or a line driver. It is ideal for matching up the levels in any sound system, including awkward hi-fi to pro-level conversions (which the 4x4 can perform while also giving you stereo output and a mono sum, too, if you wish).

All this capability occupies just 1-3/4" space in a standard EIA 19" rack.

As with all Oxmoor products, the 4x4 Buffer Amplifier is designed and built to the highest professional standards. Its conservative design, top quality components, solder-masked circuit board, rugged extruded aluminum chassis and quality connectors all ensure long-term reliability. Audio quality will be unaffected by the 4x4 with its ruler-flat response, 100 dB dynamic range, and extremely low distortion. What's more, 80 dB of separation all the way out to 20 kHz, means that those four inputs and outputs will remain discrete unless you intentionally mix them.

Think of the Oxmoor 4x4 as a basic tool of your trade, one that can perform a host of functions with flawless performance. Moreover, the unit can save you enough in system design and installation time to pay for itself.

*For more information on this or any Oxmoor product, please contact the Oxmoor Sales Department. Or download complete product brochures and manuals at our website: [www.oxmoor.com](http://www.oxmoor.com).*

# 4x4 & 4x4T SPECIFICATIONS



<b>FREQUENCY RESPONSE</b>	20 Hz to 20 kHz ..... +0, -0.3 dB
<b>HUM AND NOISE</b>	Ref. +4 dBm Output @ Unity Gain ..... -94 dB (20 Hz to 20 kHz, Unweighted)
<b>DISTORTION</b>	Ref. +4 dBm Output @ Unity Gain THD + Noise ..... 0.0016% (20 Hz to 20 kHz) SMPTE IMD* ..... 0.0021% Transient IMD ..... 0.0031% (3.15 kHz SQ + 15 kHz Probe, 30 kHz)
<b>CROSSTALK</b>	Channel to Channel** ..... -80 dB (20 Hz to 20 kHz)
<b>AUDIO INPUTS</b>	Type ..... Electronically Balanced (RF Suppressed) Connectors ..... Female, 3-Pin, XLR-Type Input Impedance ..... 80 K Ohms Input Sensitivity ..... Nominal +4 dBu, Maximum +24 dBu Common Mode Rejection Ratio ..... 50 dB at 1 kHz
<b>AUDIO OUTPUTS</b>	Type ..... Electronically Balanced (RF Suppressed) Connectors ..... Male, 3-Pin, XLR-Type Source Impedance ..... 150 Ohms (75 Ohms/Side) Recommended Load Impedance ..... 600 Ohms or Greater Maximum Output Level ..... Ref. 1 kHz @ Rated THD Terminated w/600 Ohms ..... +24 dBm (All Outputs Driven Simultaneously) Underterminated ..... +26 dBu
<b>TRIM POT GAIN RANGE</b>	Ref. +4 dBm, Output @ Unity Gain ..... ±15 dB
<b>SAFETY</b>	Listings ..... UL and CE
<b>MAINS POWER</b>	Power Requirements ..... 100 to 125 VAC or 200 to 230 VAC, 50/60 Hz Current Requirements ..... 8 Watts Fuse Type ..... 125 mA (1/8 Amp) SB @ 115 VAC 65 mA (1/16 Amp) SB @ 230 VAC
<b>ENVIRONMENTAL</b>	Storage Temperature ..... -25°C to 70°C (-13°F to 158°F) Operating Temperature ..... -10°C to 50°C (-14°F to 122°F) Humidity ..... Less than 80% RH, Non-Condensing
<b>MECHANICAL</b>	Overall Dimensions ..... 44 H x 482 W x 183 D mm (1.72 "H x 19" W x 7.18" D in ) Finish ..... Textured Black Paint Weight ..... Shipping: 3.9 Kg (8.5 lb) Net: 3.1 Kg (6.9 lb)

\* SMPTE Method; 60 Hz + 7 kHz mixed 4:1.

\*\* Input terminated w/600 ohms, unity gain, adjacent channel driven to +4 dBm output.

*Specifications subject to change without notice.*



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