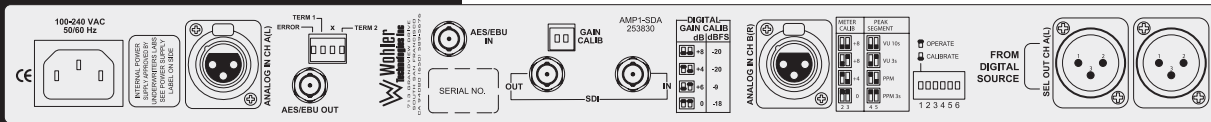


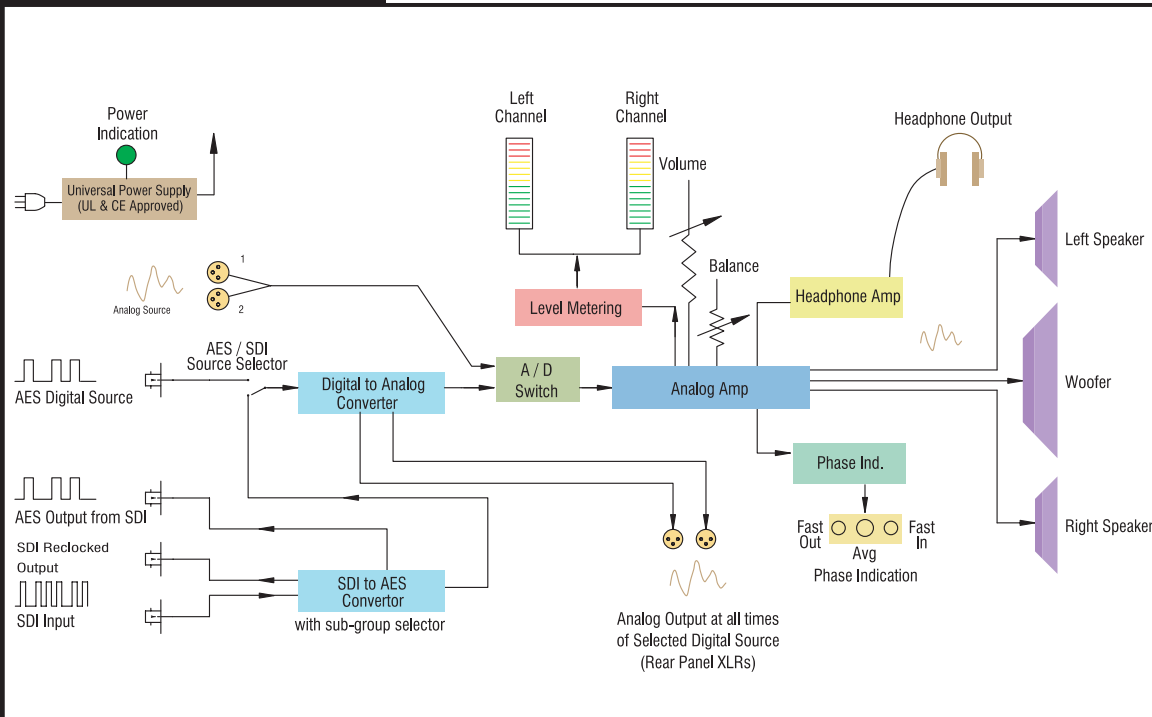
# WOHLER AMP1-SDA

Compact, High Quality, 2 Channel, Analog, AES/EBU & SDI Self-Powered Speaker System

## Rear Panel:



## System Diagram:



## Specifications:

Analog input	. . . . . 2 balanced analog inputs, XLR
AES/EBU input	. . . . . 1 unbalanced AES/EBU input, BNC
SDI input	. . . . . 1 SDI input, BNC
Analog output	. . . . . balanced analog output of selected digital pair, XLR
AES/EBU output	. . . . . 1 unbalanced AES/EBU from SDI input, BNC
SDI output	. . . . . 1 relocked SDI output, BNC
Level meters	. . . . . 2 x 26 segment
Level meter scale	. . . . . +12 to -50 dB
Level meter threshold	. . . . . 0, +4, +6 or +8dBv - DIP switch selectable
Level meter dynamics	. . . . . Simultaneous VU & PPM
Midscale resolution	. . . . . 2dB
Peak acoustic output @ 2 feet	. . . . . 98dB SPL
Power output	. . . . . RMS each side (2 Ohms) - 5W, 7W peak RMS center WOOFER (4 Ohms) - 11W, 16W peak
Frequency response (1/6 octave)	. . . . . 80Hz - 20kHz (±5dB) (-10dB @ 50Hz, 22kHz)
Analog input impedance	. . . . . >40 kOhms balanced
AES/EBU input termination	. . . . . 75 Ohms unbalanced
SDI input termination	. . . . . 75 Ohms unbalanced
AES/EBU input sampling rate	. . . . . 32-48kHz, auto-detecting
Hum and noise	. . . . . better than -68dB below full output
Electrical distortion	. . . . . <0.15% at any level below limit threshold
Acoustic distortion	. . . . . .8% or less worst case frequencies above 180Hz including cabinet resonance, typically <2%
Magnetic shielding	. . . . . <0.5 gauss any adjacent surface
Power consumption (AVG. MAX.)	. . . . . 30W
Dimensions (HxWxD)	. . . . . 1.75 x 19 x 12" (44.5 x 483 x 305mm)
Weight	. . . . . 9.5lbs (4.3kg)
Power Supply	. . . . . 100 to 240VAC, 50/60Hz universal input CE and UL approved

All specifications are subject to improvement



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