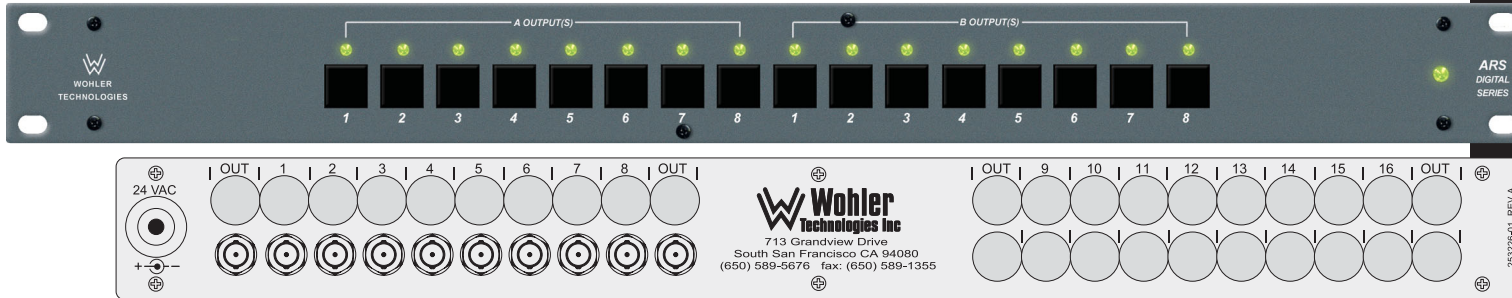


# WOHLER ARS-D82

8 AES/EBU inputs to 2 AES/EBU independent output

February 2, 2004



The ARS Series from Wohler Technologies provides convenient and cost-effective electronic switching for multiple audio sources in a single rack space.

The ARS Series features a flexible design which allows a number of different models to suit a variety of specific application requirements. There are ARS units which accept up to 20 mono or stereo inputs, with signals routed to stereo or dual mono outputs; or a unit can work with four, six or eight channel groups. A total of 19 analog configurations are possible, including one which allows the ARS to serve as a 5 x 4 audio matrix switcher.

Balanced or single-ended inputs are accepted on plug-in, screw clamp terminal blocks. Outputs may be used either balanced or single-ended on XLR or DIN connectors.

Note that the CMOS audio switching elements are NOT "clickless". These units are intended for monitoring / setup / utility applications, rather than for live switching of signals within a broadcast signal path.

Multiple sources may be summed into an output; the interlock feature which normally would prevent this is overridden by holding the button of one source while selecting the other one(s).

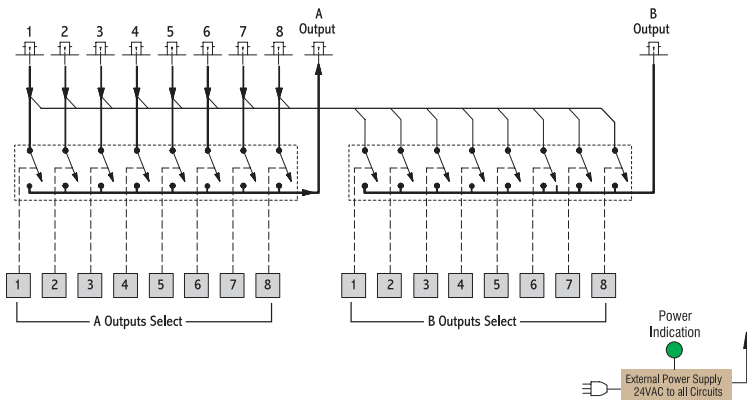
The ARS installs quickly and easily in a single rack space. All input connections on "Phoenix" - style plugin, screw clamp connectors. Output connectors are XLR male (1 or 2 out) or DIN (4 stereo out). Built and rigorously tested in the USA, the ARS Series is backed by a strong warranty and a "Satisfaction Guaranteed" return policy.

## Features:

- Single rack space
- CMOS switching
- Configurations available from 5 x 1 up to 20 x 1, full matrix form 5 x 4. Mono or stereo in/out.
- Applications include broadcast, recording, corporate and industrial video, satellite link facilities, and commercial sound
- Multiple sources may be summed into each output
- Accepts and routes AES/EBU, Dolby Digital or Dolby E

## Specifications:

Input Impedance (min.)	.90 kOhms, balanced
Input Level: (maximum)	+24 dBv
Crosstalk	-70 dB
Distortion	Less than 0.01%
Frequency Response	±3 dB 20 Hz - 20 kHz
Noise	-75 dB
Maximum Output	+24 dBv into 10K Ohms
Dimensions (H x W x D)	1.75 x 19 x 6 in (44.5 x 483 x 149 mm)
Weight	4.3 lbs. (2 kg)
Power Supply	.24 VAC external; UL, CSA & CE approved
0 dBv =	0.775 VRMS



Audio Routers

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