

Digital Audio Distribution Amplifier ADA 6D

COMCON
An ISO 9001 : 2000 company

Features

AES / EBU signal compliant
1 balanced input
6 isolated outputs
Short Circuit Protected.
Excellent Isolation.
Wide sample rate capability
Long line loss compensation
Stabilized Power Supply.



ADA 6D

COMCON ADA 6D is digital distribution amplifier used for distributing digital audio data in AES/EBU format. **ADA 6D** designed to economically distribute audio signals in a broadcast station or a recording studio. The **ADA 6D** can effectively feed the same source to various destinations without affecting the quality. The outputs of **ADA 6D** are through isolated drivers. This floating ground configuration allows the inputs and outputs to be patched freely through patching panel and drive long lines without interference.

COMCON ADA 6D has excellent frequency response and very low distortion, which has been achieved by selectively using integrated circuits and discrete devices. Extremely low noise levels are achieved by eliminating hum at all stages and using low noise devices. There is a common gain control allowing ± 10 dB level adjustments. The unit is housed in a 1U 19" rack mount chassis with power connections as per IEC recommendation.

Technical Specifications

ADA-6D

Input

Input level	-20dBFS to 0 dBFS
Input impedance	110 Ω balanced on XLR
Indicators (optional)	LED bar graph.

Output

Output level	-20dBFS to 0 dBFS
Output impedance	110 Ω balanced On XLR
Gain	Internal re-slicing & shaping of signal
Frequency response	20Hz to 100KHz (192K sample rate)
Resolution	24 Bit
Sample rate supported	22KHz to 200 KHz (Auto select)
No of outputs	Six or Four
Protected against	Short circuits and overload
SPDIF support	Optional
Connectors	3 pin XLR EMI suppressed
Power	115/230V $\pm 10\%$, 50/60Hz $\pm 4\%$, 20VA Max,
Operating Environment	0°C to 50°C, 10% to 95% RH, non-condensing

Mechanical

Size H x W x D	44.5mm x 483mm x 203mm (1.75"x19"x8")
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