

FEATURES **Stereo Audio Distribution Amplifier ADA 66**

- Adjustable Gain ± 5 db.
- Short Circuit Protected.
- Excellent Isolation.
- Very Low Noise.
- Excellent Frequency Response.
- Extremely Low Distortion.
- Stabilized Power Supply.
- Wide Dynamic Range.
- Low cross Talk
- 19" rack Mounting
- Isolated Transformer Output (Optional)



ADA 66

COMCON ADA 66 is a professional audio distribution amplifier, designed to economically distribute the audio signals in a broadcast station or a recording studio. The **ADA 66** can effectively feed to six destinations the same source with transparent quality. The outputs of **ADA 66** are balanced & floating. This floating output configuration allows the inputs and outputs patched freely through patching panel and drive long lines without interference. Option is available for isolated transfer balanced output. The optional output through audio transformer provides very good RF attenuation. If outputs up to three are short circuited, output level does not fall more than 0.1 dB.

COMCON ADA 66 has excellent frequency response and very low distortion, which has been achieved by selectively mixing integrated circuits and discrete devices. Extremely low noise levels are achieved by using low noise devices and eliminating hum at all stages. There is an individual gain control to give ± 5 db level adjustment. Option is available for ± 15 dB level adjustment. The unit is housed in a 19" rack mount chassis with power connections as per **IEC** recommendation.

Technical specifications **ADA 66**

<i>Input</i>	
No. of Inputs level	Two (Active Balanced on XLR female)
Impedance	0 dBu ± 5 dB nominal (+20 dBu Max.)
Indicators (optional)	600 or 20k ohm's balanced.
	LED bar graph
<i>Output</i>	
Output level	0 dBu nominal in 600 ohm's +20 dBu max.
Output impedance	<50 ohm (600 ohm load) Balanced.
Gain control	± 5 dB for each channel.
Frequency response	20 Hz to 20 kHz ± 0.25 dB.
Harmonic distortion	<0.01%.
Inter Modulation Distortion	$\leq 0.1\%$
Phase Difference	< 2° (20 Hz to 20 kHz)
Level Difference	± 0.5 dB (20 Hz to 20 kHz).
Signal to Noise ratio	>95 dB.
No. Of outputs	Four stereo or Six stereo (Active Balanced)
Option	Output through Isolated Transformer
Connectors	3 Pin XLR Male
Inter Channel Cross Talk	>95 dB
Protections	Short circuit & overload
<i>Others</i>	
Power	115/230 volts $\pm 10\%$ 50/60 Hz $\pm 4\%$, 20 VA max.
Size HxWxD	1.75 "x 19"x 7" (in inches) 44 x 483 x 176 (in mm)

Specifications are for a standard product and are subject to revision