

## AUDIO DISTRIBUTION AMPLIFIER

**Comcon ADA-44** is a professional audio distribution amplifier, designed to economically distribute the audio signals in a broadcast station or a recording studio. The ADA-44 can effectively feed to four destinations the same source with transparent quality. The outputs of ADA-44 are through isolation transformer. This floating output configuration allows the inputs and outputs patched freely through patching panel and drive long lines without interference.

Comcon ADA-44 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  $\pm 5$ db level adjustment. The unit is housed in a 19" rack mount chassis with power connections as per IEC recommendation.

### FEATURES

**Adjustable Gain  $\pm 5$  db.**  
**Short Circuit Protected.**  
**Excellent Isolation.**  
**Very Low Noise.**  
**Excellent Frequency Response.**  
**Extremely Low Distortion.**  
**Stabilized Power Supply.**  
**Wide Dynamic Range.**  
**Low cross Talk**



ADA 44

### Technical specifications

#### Input

No. of Inputs level	Two (XLR female)
Impedance	+0 dbu (+20 dbu Max. )
Indicators (optional)	600 or 20k ohm's balanced.
	Led bar graph

#### Output

Output level	+0 dbu nominal into 600 ohm's
Output impedance	$\leq 50$ ohm's (600 ohm's load)
Gain control	$\pm 5$ db.
Frequency response	20 Hz to 20KHz $\pm 0.1$ db.
Harmonic distortion	$< 0.01\%$ .
Phase Difference	$< 5^\circ$ 30 Hz to 20 KHz
Signal to Noise ratio	$> 95$ db.
No. Of outputs	Four stereo
Inter Channel Cross Talk	$> 95$ db. @15 KHz
Protections	Short circuit

#### Others

Power	110/230 volts 50/60 Hz (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.