

PROFESSIONAL AUDIO DISTRIBUTION AMPLIFIER 400



FEATURES

- Individual Adjustable Gain ± 5 dB
- Short Circuit Protected
- Excellent Isolation
- Ultra Low Noise
- Flat Frequency Response
- Extremely Low Distortion
- Universal Power Supply
- Wide Dynamic Range
- Easy and Simple Maintenance

DIGISYS PRO AUDIO DA 400 is a professional audio distribution amplifier, designed to economically distribute the audio signals in a broadcast station or a recording studio. The **PRO AUDIO DA 400** can effectively feed to various destinations the same source with transparent quality. The active output configuration allows the inputs and outputs patched freely through patching panel and drive long lines without interference.

DIGISYS PRO AUDIO DA 400 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 an individual gain control to give ± 5 dB level adjustment. The unit is housed in a 19" rack mount chassis with power connections as per IEC recommendation.

TECHNICAL SPECIFICATIONS

Input	
Input level	0dBu +20dBu Max.
Input impedance	10k Ω balanced
Output	
Output level	0dBu nominal into 600 Ω +20dBu Max.
Output impedance	50 Ω (600 Ω load) balanced
Gain control	\pm 5dB (Other gain settings on request)
Frequency response	< \pm 0.5dB (30Hz to 16kHz)
Harmonic distortion	<0.05%
Signal to Noise ratio	>95 dB (Unweighted 22Hz-22KHz.)
Phase Difference	<5 $^{\circ}$
No. Of outputs	Four stereo (Optional upto 6)
Protected against	Short circuits and overload
Inter output loading	
a) 1 output shorting	<0.1dB on remaining outputs
b) 3 outputs shorting	<0.3dB on remaining outputs
Inter-channel matching	0.5 dB
Inter-channel cross talk	70dB @ 16KHz.
Power	115/230V (\pm 10%), 50/60Hz (\pm 4%) 20VA Max,
Housing	Standard 19" rack mounting
Operating temperature	0 $^{\circ}$ C to 50 $^{\circ}$ C, non condensing
Relative humidity	10 to 90% RH non condensing
Mechanical	
Size- HXWXD	44.5mmx483mmx203mm (1.75"x19"x8")
Connectors	3 Pin XLR