

DIGITAL SYSTEM SOLUTION

16192 Coastal Hwy, Lewes, DE 19958, USA,

+1 302-604-7089 | sales@digisysltd.com

www.digisysltd.com

DIGI-SYS

An ISO 9001:2015 Company



EASE IN DISTRIBUTION OF AUDIO SIGNAL

PRO AUDIO 400

ANALOG AUDIO DISTRIBUTION AMPLIFIER

DIGI-SYS PRO AUDIO 400 is a professional Analog Audio Distribution Amplifier, Designed to economically distribute the audio signals in a broadcast station or a recording studio. The PRO AUDIO 400 can effectively feed to various destinations the same source with transparent quality.

- HIGH QUALITY DESIGN
- GREAT PERFORMANCE
- COST EFFECTIVE
- LONG LIFE
- GOOD EFFICENCY
- COMPACT DESIGN

ANALOG AUDIO DISTRIBUTION AMPLIFIER

PRO AUDIO 400

Salient 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

DIGI-SYS 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.

DIGI-SYS 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 Specification

Input

- Input level 0dBu +20dBu Max.
- Input impedance 10 k Ω balanced
- Indicators (Optional) LED bar graph

Output

- Output level 0 dBu nominal into 600W +20 dBu Max
- Output impedance 50 Ω (600 Ω load) balanced
- Gain control ± 5 dB (Other gain settings on request)
- Frequency response $< \pm 0.5$ dB (30Hz to 16kHz)
- Harmonic distortion $< 0.05\%$
- Signal to Noise ratio > 95 dB (Unweighted 22 Hz-22 KHz)
- Phase Difference $< 5^\circ$
- No. Of outputs Four stereo (Optional up to 6)
- Protected against Short circuits and overload
- Inter output loading
 - a) 1 output shorting < 0.1 dB on remaining outputs
 - b) 3 outputs shorting < 0.3 dB 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°C to 50°C, non condensing
- Relative humidity 10 to 90% RH non condensing

Physical Dimesnsions

- Size- HXWXD 44.5mmx483mmx203mm (1.75"x19"x8")
- Connectors 3 Pin XLR

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Why Choose DIGI-SYS

DIGI-SYS Your innovative idea's need products which can meet new challenges and compliment your efforts. Our in house innovative end to end computer aided design and manufacturing process is the best solution to meet critical timelines. Our artificial intelligence integrated in every product design, provides unmatched flexibility in field to configure our products to critical demanding needs and yet are very simple to operate. But technology and human innovation know no scarcity.

Our marketing and sales is bonded to customer support. Our technical experts assist you in system design as part of our product offering, which is optimised to your needs. In other words our support starts even before you buy a product from us. Our goal is to provide you best solution for your needs rather than sell you what we have in stock. Prospects who show interest in our products and services invariably get rewarded with best solution at most cost effective price.

Our Products Line

- Pro Audio Monitor
- Analog to Digital & Digital to analog Audio Converter
- Audio Router
- Remote Site Controller
- Audio Distributor/Switcher
- ON-AIR Light
- Audio Console Mixer
- FM Power Divider/Combiner
- Convection Dummy load (DC to 300 Mhz)

For further information, Please contact us at:

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ISO 9001 : 2015 Registered

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