

DIGITAL SYSTEM SOLUTION

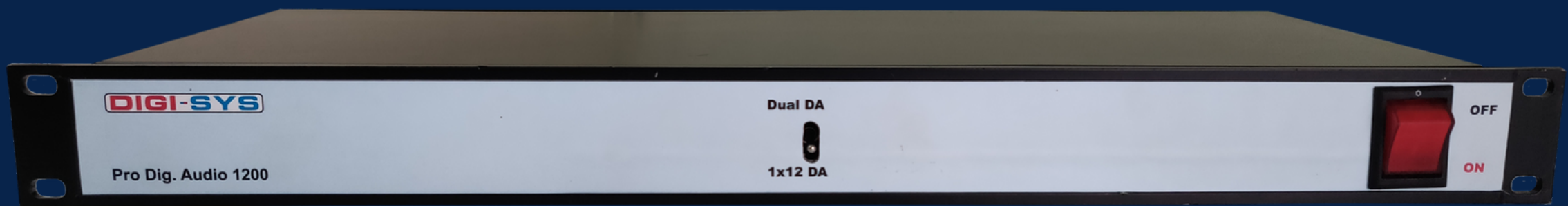
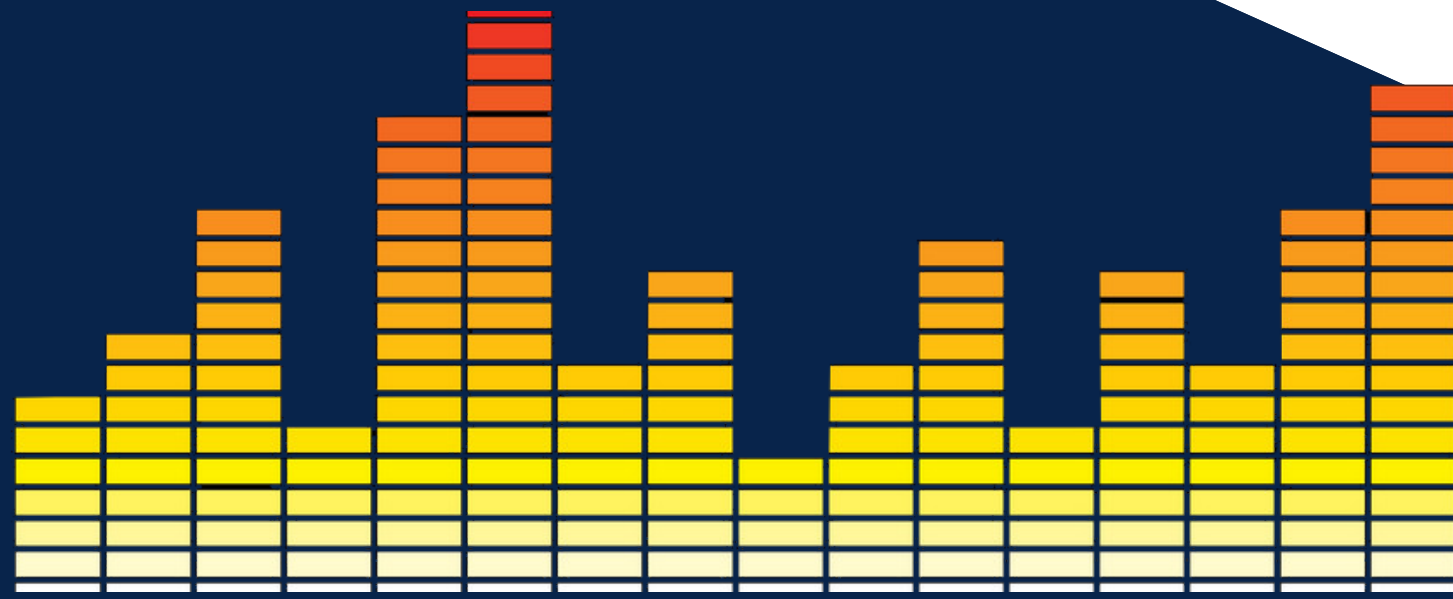
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DIGI-SYS

An ISO 9001:2015 Company



EASE IN DISTRIBUTION OF AUDIO SIGNAL

PRO DIGITAL AUDIO 1200

DIGITAL AUDIO DISTRIBUTION AMPLIFIER

DIGI-SYS Pro Dig. Audio 1200 is Digital Distribution amplifier used for Distributing Digital Audio data in AES/EBU format including latest AES 3. It is Designed to economically Distribute, Audio signals in a broadcast station or a recording studio. It can drive one source to up to 12 destinations with excellent quality.

- HIGH QUALITY DESIGN
- GREAT PERFORMANCE
- COST EFFECTIVE
- LONG LIFE
- GOOD EFFICIENCY

PRO DIGITAL AUDIO DISTRIBUTION AMPLIFIER - DA 1200

Salient Features

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

DIGI-SYS Pro Dig. Audio 1200 is Digital Distribution amplifier used for Distributing Digital Audio data in AES/EBU format including latest AES 3. It is Design to economically distribute, audio signals in a broadcast station or a recording studio. It can drive one source to up to 12 destinations with excellent quality. The outputs of Pro Dig. Audio 1200 are through isolated drivers and transformers. This configuration allows outputs to be patched freely or drive long lines with clean signals.

DIGI-SYS Pro Digital Audio 1200 has excellent performance and accepts AES digital signal carrier levels as low as 200 mv and delivers full 5 Volt output drive which is free from all distortions due to cable losses. Input and outputs are through high quality digital transformers, eliminating hum completely. The unit is housed in a 1U 19" rack mount chassis with power connections as per IEC recommendation.



Technical Specification

Input

- Input AES3/EBU balanced on XLR 2 no's
- Input impedance 110Ω balanced (200 mv to 5 volt max, 1 v nominal)
- Indicators (optional) LED bar graph.

Output

- Output level 5 volts
- Output impedance 110Ω balanced On XLR
- Gain Internal re-slicing & shaping of signal
- Frequency response 20Hz to 20KHz (48K sample rate)
- Resolution Up to 24 Bit
- Sample rate supported 22KHz to 200 KHz (Auto select)
- No of outputs Twelve
- Protected against Short circuits and overload
- SPDIF support Can be used with appropriate wiring
- Connectors 3 pin XLR EMI suppression provided
- Power 115/230V ±10%, 50/60Hz ±4%, 20VA Max
- Jitter Les than 0.6 ns, (Typical 400 pico seconds)
- Operating Environment 0°C to 50°C, 10% to 95% RH, non-condensing

Following measurement with apply 48kHz sample rate & 24 bit depth AES/EBU audio signal

- SNR Better than -146 dB
- Frequency Response 0.001 dB (20 Hz to 20 kHz)
- Distortion 0.00001 %

Physical Dimension

- Size - HxWxD 44.5mm x 483mm x 203mm(1.75"X19"X8") 19" rack mount

Note: SNR, Distortion, Frequency response and Phase error parameters in digital circuits are unmeasurably low and hence are not specified in the main specifications and all DIGI-SYS products meets the theoretical limits.

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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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