

Digital Audio Distribution Amplifier 600

Features

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



DIGITAL AUDIO DA 600

DIGISYS DIGITAL AUDIO DA 600 is digital distribution amplifier used for distributing digital audio data in **AES/EBU format**. **DIGITAL AUDIO DA 600** designed to economically distribute audio signals in a broadcast station or a recording studio. The **DIGITAL AUDIO DA 600** can effectively feed the same source to various destinations without affecting the quality. The outputs of **DIGITAL AUDIO DA 600** are through isolated drivers. This floating ground configuration allows the inputs and outputs to be patched freely through patching panel and drive long lines without interference.

DIGISYS DIGITAL AUDIO DA 600 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 a common gain control allowing $\pm 10\text{dB}$ level adjustments. The unit is housed in a 1U 19" rack mount chassis with power connections as per IEC recommendation.

Technical Specifications

Input

Input level -20dBFS to 0 dBFS
Input impedance 110 Ω balanced on XLR female
Indicators (optional) LED bar graph.

Output

Output level -20dBFS to 0 dBFS
Output impedance 110 Ω balanced
Gain Internal re-slicing & shaping of signal
Resolution 24 Bit
Sample rate supported 22KHz to 200 KHz (Auto select)
No of outputs Six or Four
Protected against Short circuits and overload
SPDIF support Optional

Others

Power 115/230V $\pm 10\%$, 50/60Hz $\pm 4\%$, 20VA Max,
Size H x W x D 44.5mm x 483mm x 203mm (1.75"x19"x8")
Operating Environment 0°C to 50°C, 10% to 95% RH, non-condensing
Connectors 3 pin XLR EMI suppressed

Note:- Specifications are for a standard product and are subject to revision.