PAU990 Public Addressing Unit

Technical data sheet

Part Number: 107582

DESCRIPTION:

The PAU990 (Public Addressing Unit) is a 2U high euro-rack module. It is used for remote PA systems. The PAU990 is a generation of power amplifiers with highly efficient class D amplifiers. It can be connected to analogue or digital (IP) sources. The digital communication is based on VoIP (RTP / SIP) protocol. The PAU990 has four full power 120W/100V outputs and is equipped with return amplifiers. These amplifiers use the connected speakers as microphone inputs. This enables the controller to listen to sound at the location of the remote site. The attenuation of the outputs and the return amplifier can be adjusted by the volume control on the front or by the settings from the integrated web server.





PARAMETER	SPECIFICATION
Power	Supply voltage 230VAC +/-20% Maximum power 650 Watt
Dimensions	19” Euro rack x 2U x 330 mm
Audio	Number of channels 4 Distortion <0.5% at full load Delay 3ms* see network Volume control range 30 dB Bandwidth 300-3400 Hz Power per channel 120 Watt
Reliability	MTBF 1106 hours
Network	Ethernet 10/100Mbit auto neg. Ethernet cable CAT 5 or better VoIP RTP/SIP
Environmental specifications	Operational -20°C to +60°C Relative Humidity 5% to 95% non-condensing Storage temperature -20° to 85°C Emission EN55022, EN61000-3-2 / 3-3 / 4-2 / 4-3 / 4-4 / 4-5 / 4-6 4-11 Immunity EN55024

Although Jotron strives for accuracy in our datasheets, errors may occur. Please contact Jotron for the latest information as design and specifications may change without notice. JOTRON is certified to NS-EN ISO 9001 / 14001 / 27001 and EASA has approved Jotron as a Design and Production Organization.