



JPM 1100IP

Power 100 V IP amplifier

Technical datas

- If the power of Netspeaker is insufficient, we can install this IP powerful amplifier. It includes LAN interface from the NetSpeaker device. Therefore, ethernet input by RJ 45 connector. The amplifier is bigger and have much more power.
- IP amplifier is suitable for driving large network of speakers, like the entire floor of the hotel or school.
- Amplifier is placed locally, near speaker network, thus saving for speaker wiring and losses.
- Very quick installation. Just snap 1× RJ 45 connector, 230 V power supply and connect the output.
- Amplifier JPM 1100IP defies the range of normal 100V amplifiers, especially its purpose for fixed mounting in ceilings, walls and cabinets, furniture or wall, as seen from the shape of the body and its installation brackets. Therefore, the amplifier is designed in Class D with switching power supply, so we minimize heat loss. Amplifier, which has a high efficiency > 85% and has low consumption, it is possible to install a poorly ventilated space.
- Power 100 W / 100 V, 8 Ω
- Mono
- Separate outputs for 8 Ω load and 100 V speaker network
- At a time can be loaded only one type of output
- Modern Class D
- High efficiency > 85%
- Minimum thermal radiation, without active cooling, installation in poorly ventilated spaces
- Standby mode saving energy costs
- Automatic adjustment to the load impedance
- Minimum controls, because amplifiers are designed for fixed and hidden installation
- Built band-pass filter for separating unwanted frequency components from audio signal
- Connection to LAN, 1× RJ 45 10/100 Base Tx-Ethernet.
We recommend UTP cabling category Cat-5d and higher
- Works in DHCP client mode (automatic assignment of IP addresses) or static IP address mode
- Compression MPEG-1 Audio Layer III (MP3), bit rate 32-320 kb/s, unicast streaming (LAN and Internet) and multicast (only LAN)
- Automatic update firmware from the NetSpeaker server system
- Internal jumper RST to restore the factory settings and DHCP Client mode
- Embedded Telnet server for manual configuration of connection
- Analog output for extension amplifier. The level 450 mV rms. (-4.7 DBu) / 500 Ω
- Output to speakers with screw terminals
- Fully floating, galvanically isolated output transformer
- Complete electronic overload and short circuit protections
- Adjusting the sensitivity of audio output and master decoded signal by trimmer
- On and protect indication
- Built-in limiter against overload
- Frequency range 60 - 18,000 Hz / ± 2dB
- S/N ratio > 75 db
- Distortion THD <1% / 1 kHz
- Power supply AC 230 V / 50 Hz via screw terminals L / N / PE with Plexiglas cover
- Soft start power supply feature with low starting current
- The internal switching power supply
- Holes for wall mounting, bolts up to Ø 5 mm
- Suitable for fixed installation in ceilings, walls and cabinets, furniture, wall etc.
- Durable steel case with a black powder-coated
- Dimensions 300 × 89 × 210 mm
- Net width without collar bracket 260 mm
- Weight 5.2 kg

Cat. Nr.: 27 520

pc



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