DATEQ DDA-28 2 Channel Class D Power Amplifier Instructions

Contents

DATEQ DDA-28 2 Channel Class D Power Amplifier

Specifications

- Model: DDA-28
- Brand: MusicAll
- Type: 2 channel Class D power amplifier
- Output Power: 2 x 800W
- Power Supply: Switching power supply with up to 95% efficiency
- Input Impedance: 20k balanced / 10k unbalanced
- Frequency Response: 20 Hz ~ 20 kHz (+1 / -1 dB)

- Damping Factor: > 550 (1kHz, 8Ω)
- Signal-to-Noise Ratio: > 105 dB

Product Usage Instructions

Installation

1. Ensure the power amplifier is placed on a stable surface.
2. Connect the input sources to the appropriate input jacks on the amplifier.
3. Connect the output terminals to the speakers using suitable cables.
4. Plug in the power supply and switch on the amplifier.

Operation

To operate the amplifier:

1. Adjust the volume controls carefully to prevent distortion.
2. Monitor the heat generated by the amplifier during use.
3. Ensure proper ventilation to prevent overheating.

Maintenance

Regular maintenance can prolong the life of your amplifier.
Follow these steps:

1. Clean the exterior of the amplifier with a soft, dry cloth.
2. Avoid exposing the amplifier to moisture or extreme temperatures.
3. Check and tighten any loose connections periodically.

FAQ

- **Q:** What is the rated power output of the DDA-28 amplifier?
  - **A:** The DDA-28 amplifier has a rated power output of 2 x 800W at 8 ohms.
- **Q:** Is the DDA-28 suitable for live performances?
  - **A:** Yes, the DDA-28 amplifier is ideal for live performances, permanent installations, and sound reinforcement systems.
- **Q:** What is the input impedance of the DDA-28 amplifier?
  - **A:** The input impedance of the DDA-28 amplifier is 20k balanced or 10k unbalanced.

Introduction

The DDA-28 class-D power amplifier is equipped with a switching power supply, which features minimum power consumption and high efficiency up to 95%. It saves installation rack space, generates less heat with a higher life span as a result. Ideal for live performance, permanent installation and sound reinforcement system.

Supports stereo output at 8Ω, 4Ω & 2Ω and bridged output 8Ω & 4Ω. Rated power output 2×800W @8Ω /

2×1200W @4Ω / 2x1000W @2Ω. With bridge, parallel & stereo selector on rear panel. In Bridge mode 1x1200W @8Ω, 1x1400W @4Ω. Two inputs by balanced XLR connector. Two outputs by balanced Speakon connector.

Overview

Technical specifications

Rated power	2x 800W @8Ω / 2x 1200W @4Ω
Bridged output	1x 1200W @8 Ω / 1x 1400W @4Ω
Input impedance | Sensitivity	20kΩ balanced / 10 kΩ unbalanced
Frequency response	20 Hz ~ 20 kHz (+1 / -1 dB)
Damping factor	> 550 (1kHz, 8Ω)
S/N ratio	> 105 dB
THD	<0.05%, 8Ω, 1kHz
Cooling	two internal fans
Indicators	power, protection, clip & signal
Protection	peak, short-circuit, overload & high temperature
Power supply	220~240 V AC 50 ~ 60 Hz
Weight	5,8 kg
Dimensions (mm)	484 x 290 x 66 (1,5u rack 19”)

Contact

DATEQ International B.V.

- De Paal 37, 1351 JG Almere, Netherlands
- **Tel:** + 31 36 5472222
- **E-mail:** info@dateq.nl
- **Internet:** www.dateq.nl
- **Chamber of Commerce:** 84615559

- **Bank:** IBAN NL 41 RABO 0375260307
- **Bank swift:** RABO NL2U
- **TVA/VAT:** NL 863282313B01

Documents / Resources

	DATEQ DDA-28 2 Channel Class D Power Amplifier [pdf] Instructions DDA-28, DDA-28 2 Channel Class D Power Amplifier, 2 Channel Class D Power Amplifier, Class D Power Amplifier, Power Amplifier, Amplifier

References

- Dateq - DATEQ
- User Manual