



**DDA-48 4
Channel
Class D
Power
Amplifier**



DATEQ DDA-48 4 Channel Class D Power Amplifier Owner's Manual

[Home](#) » [DATEQ](#) » DATEQ DDA-48 4 Channel Class D Power Amplifier Owner's Manual

Contents

- [1 DATEQ DDA-48 4 Channel Class D Power Amplifier](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Overview](#)
- [5 Technical specifications](#)
- [6 Contact Information](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



DATEQ DDA-48 4 Channel Class D Power Amplifier



Product Information

DDA-48 MusicAll 4 Channel Class D Power Amplifier

- The DDA-48 is a high-performance class-D power amplifier designed for various audio applications. It offers 4 channels of amplification with a power output of 4 x 800W, making it suitable for live performances, permanent installations, and sound reinforcement systems.
- The amplifier features a switching power supply that ensures minimal power consumption and high efficiency of up to 95%. This design saves installation rack space, produces less heat, and contributes to a longer lifespan of the amplifier.

Product Usage Instructions

1. Connection Setup

1. Connect your audio sources to the amplifier's input ports using appropriate cables.
2. Ensure proper grounding to avoid any electrical issues.

2. Powering On the Amplifier

1. Plug in the amplifier to a power source.
2. Turn on the power switch located on the amplifier and wait for it to initialize.

3. Adjusting Settings

1. Use the sensitivity controls to adjust input levels based on your audio sources.
2. Set the desired output levels using the volume controls on the amplifier.

4. Monitoring and Troubleshooting

1. Monitor the indicators on the amplifier to ensure proper functioning.
2. In case of overheating or any abnormal behavior, immediately turn off the amplifier and seek professional assistance.

FAQ

• Q: What is the ideal application for the DDA-48 power amplifier?

A: The DDA-48 is ideal for live performances, permanent installations, and sound reinforcement systems due to its high power output and efficiency.

• Q: What is the significance of the switching power supply in the DDA-48?

A: The switching power supply ensures minimal power consumption, and high efficiency, and contributes to space-saving and longevity of the amplifier.

Overview

DDA-48 4 x 800 W

- The DDA-48 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 and generates less heat with a higher life span as a result. Ideal for live performance, permanent installation, and sound reinforcement systems.
- Supports stereo output at 8Ω, 4Ω & 2Ω and bridged output 8Ω & 4Ω. Rated power output 4x800W @8Ω / 4x1200W @4Ω / 4x1000W @2Ω. With a bridge, parallel & stereo selectors on the rear panel. In Bridge mode 2x1200W @8Ω, 2x1400W @4Ω.
- Four inputs by balanced XLR connector. Four outputs by balanced Speakon connector.



Technical specifications

- Rated power 4x 800W @8Ω / 4x 1200W @4Ω
- Bridged output 2x 2400W @8 Ω / 2x 2800W @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 160 ~ 264 V AC 50 ~ 60 Hz
- Weight 7,5 kg
- Dimensions (mm) 484 x 290 x 66 (1,5u rack 19")

Contact Information

- **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-48 4 Channel Class D Power Amplifier](#) [pdf] Owner's Manual
DDA-48, DDA-48 4 Channel Class D Power Amplifier, 4 Channel Class D Power Amplifier, Class D Power Amplifier, Power Amplifier, Amplifier

References

- [DATEQ - DATEQ](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.