

DJA 4002

Stereo Power Amplifier With Digital Colour Display

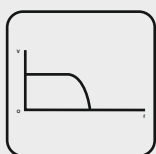


Overview

The Studiomaster Professional DJA 4002 is a high performance stereo power amplifier with digital colour display. Engineered with high quality components, the amplifier is designed to give clean, dynamic power and smart features with the legendary Studiomaster Professional sound quality and reliability.

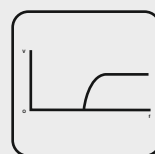
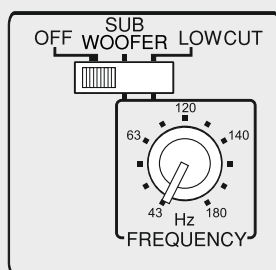
Key Features

• Built-In Crossover



SUB WOOFER

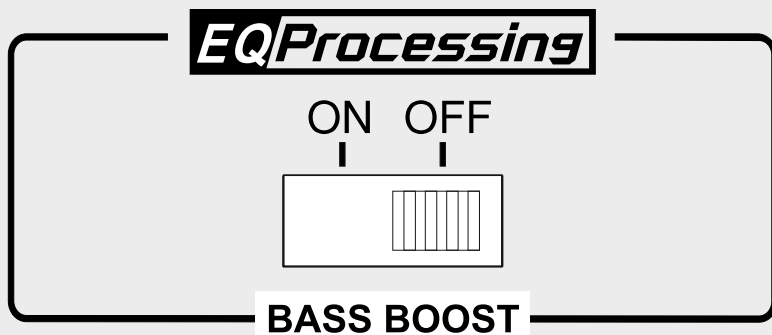
This is a low-pass filter. The amplifier reproduces frequencies that are lower than the cut-off set by the frequency adjustment knob.



LOW CUT

This is a high-pass filter. You can use this setting to filter out unneeded low or subsonic frequencies.

• Bass Boost Switch



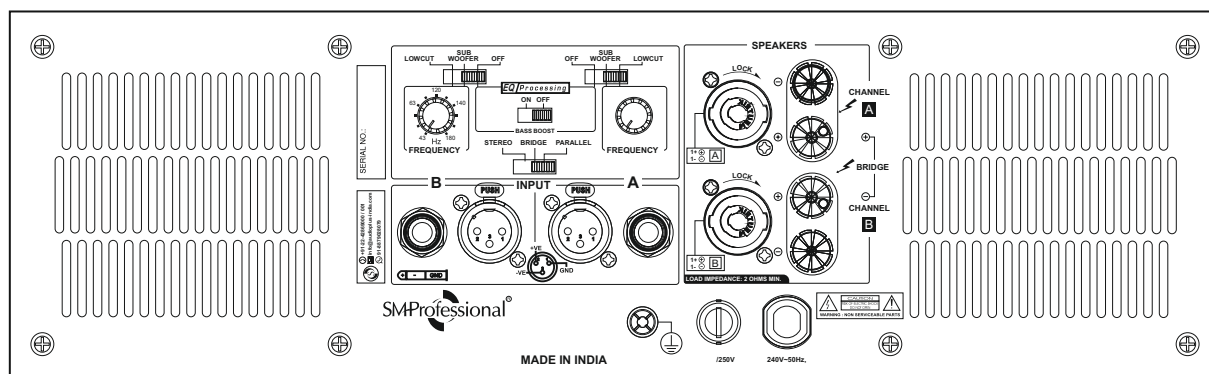
When you activate this mode, the amplifier adds low-frequency compensation to enhance the speaker's bass output

Note: This switch is only effective when the FILTER switch is in the OFF position.

• Smart LCD screen displays real-time system status, including fan speed, temperature, and protection alerts.



All Features



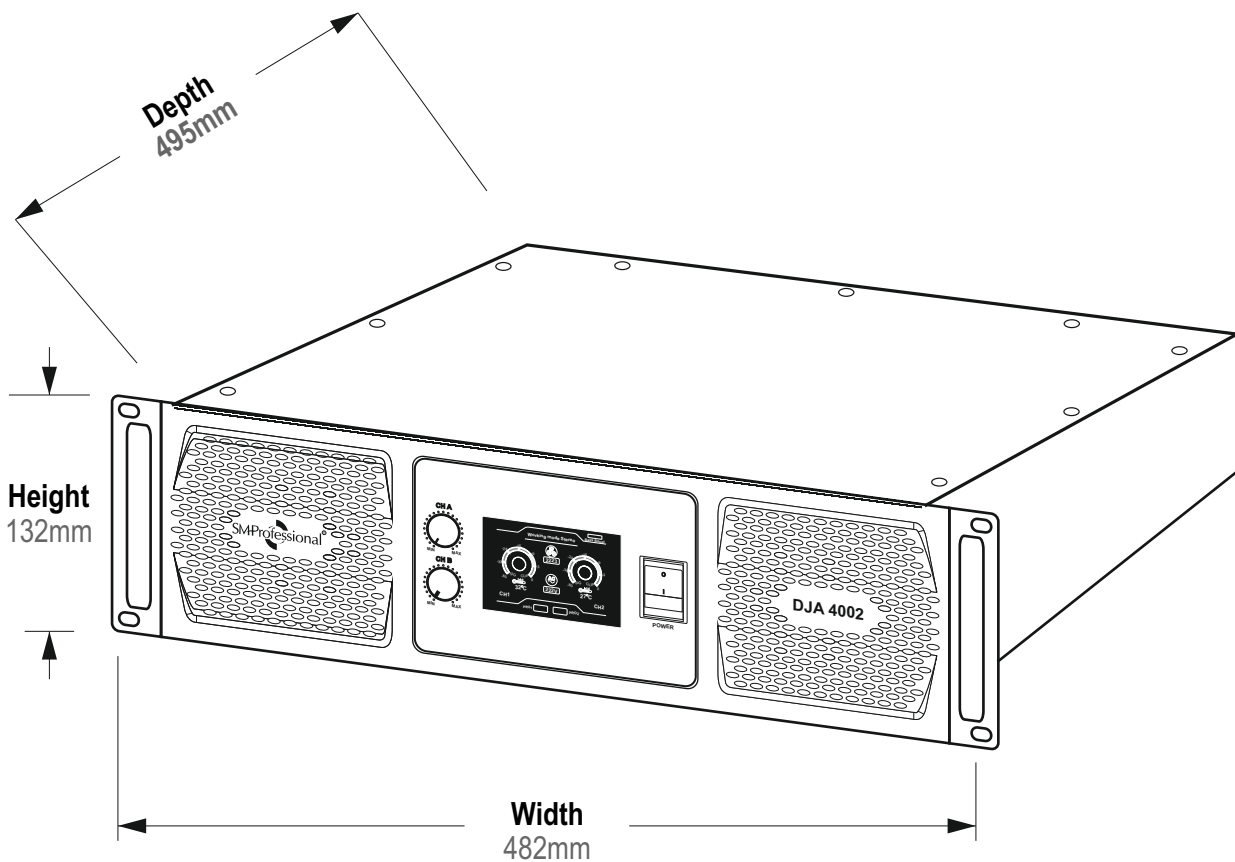
- Rugged and reliable professional stereo power amplifier.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- Ultra-functional EQ Processing, Low Cut, and Subwoofer with crossover selection options.
- Smart LCD screen displays real-time system status, including fan speed, temperature, and protection alerts.
- Intuitive LED indicators in green (signal present), yellow (peak/limit), and red (protection/clipping) for quick monitoring.
- 3 switchable operational modes: stereo, parallel, and bridge.
- Intelligent cooling and heat dissipation using large low-noise variable speed fans.
- Mains voltage operation 240V AC as well as low voltage operation at 150V AC.
- Audio-grade balanced XLR and 1/4" jack input connectors.

Technical Specifications

Parameter	Specifications
Stereo Mode Power Output	
2 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1600 W
2 Ω (EIA), 1kHz, 1%THD	2 x 2100 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1400 W
4 Ω (EIA), 1kHz, 1%THD	2 x 1950 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 900 W
8 Ω (EIA), 1kHz, 1% THD	2 x 1100 W
Bridged Mode Power Output	
4 Ω (True RMS), 20Hz-20kHz, 1% THD	3200 W
4 Ω (EIA), 1kHz, 1% THD	4000 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2800 W
8 Ω (EIA), 1kHz, 1% THD	3900 W
Damping Factor (8 Ω)	>500:1
Frequency Response	20Hz-20kHz (± 0.5 dB)
Protection	Temperature, DC, Short Circuit
Input Connector (Per Channel)	XLR, Jack Stereo 6.3mm
Output Connector (Per Channel)	Speak-on connector / Binding Posts
Dimensions (W x D x H) mm	482 x 495 x 132 (3U)
Net Weight (Kg)	29.5

Note: BIS registration is Mandatory for all amplifiers with input power above 2000W.

Dimensions



Support

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