

Monaural Digital Power Amplifier

DAD-M310

180W/8Ω x1, 300W/4Ω x1

Reference Monaural Power Amplifier for
Audiophiles,
Division Power Amplifier for
Bi/Tri Amplifier System.



Features

■ Proprietary Switching Power Supply

- Full Resonance Switching Power Supply ensures energy supply in real time when it is required for dynamic sound.
- Floating Power Supply circuit achieves incomparable speaker drivability.

■ Original Bi-Phase PWM Amplification for Audiophile Quality Sound

- Latest Bi-Phase PWM (3-Level PWM) Amplification ensures superb sound quality in moderate power range.
- Achieves superb resolution and linearity from minimum to maximum output.
- Dual (Analog & Digital) NFB ensures isolation from AC Power Voltage fluctuation and stable amplification.

■ DC Amplifier Configuration

The DC amplifier configuration ensures rich, clear musical scale bass and strong powerful presence.

■ Real Time Current Limiter

Keeps amplifier in Safety Operation Area (SOA) during high level input to maintain durability and continuous operation.

■ Elegant Cosmetics, Quality Finish, and Superior Parts

- Solid Aluminum Knobs
- Gold Plated Speaker Terminals: 2-Way type
- (Banana Compatible)
- Gold Plated RCA Pin Jacks : Inputs
- Cosmetics designed by world famous GK Industrial Design Inc.

■ DC 12V Trigger (Input & Output) for Remote Power ON/OFF

Power Switch can be turned ON/OFF by control equipment.

■ Flexible Connectivity Options

- Balanced Input for long-distance amplification
- Unbalanced Inputs (Fixed and Variable) : CD Players, DVD Players, HDD Recorder/Players and

■ Environmentally Friendly

- High Efficiency (Amplifier and Power Supply)
 - 85% at rated output (180W/8Ω)
 - 60% at normal music listening level (22.5W/8Ω)
- Compatible to ROHS directive

Specifications

DAD-M310

Rated Power Output	180W / 8Ω x 1 300W / 4Ω x 1
THD	0.05% (@90W/8Ω/1kHz)
Frequency Response	DC-50kHz (+0dB/-3dB) / 8Ω , DC-20kHz (+0dB/-0.5dB) / 8Ω
S/N Ratio	120dB
Input Sensitivity	1V
Input Impedance	100kΩ (Fixed, Unbalanced), 47kΩ (Variable, Balanced/ Unbalanced)
Power Consumption	55W
Mat.Outer Dimensions WxHxD	8-7/16" x 3-9/16" x 15-15/16" (214 x 91 x 450mm)
Weight	8lbs 12oz (4kg)

Rear Panel



*Specifications and appearance are subject to change without notice.

Designed and Manufactured in Japan by
Flying Mole Corporation
<http://www.flyingmole.co.jp>

Distributed in the US by
Flying Mole Electronics Corporation
 1872 Del Amo Blvd., Unit B, Torrance, CA 90501
 TEL (310) 787-7280 FAX (310) 787-7380
j.johns@flyingmoleelectronics.com
<http://www.flyingmoleelectronics.com>