

Digital Power Amplifier

DAD-M100proII

160Wx1/4Ω, 100Wx1/8Ω



HT-type



BB-type



BI-type

Features

- **Super Compact & Super Light-weight**
High Output Power of 160W/4Ω with tiny body
- **Flying Mole Original Bi-Phase PWM Amplification**
ensures Tube-like HiFi sound with Speed and Dynamic s of Solid State Amp. Latest Bi-Phase PWM(3-Level PWM) Amplification ensures superb sound quality in moderate power range.
- **Dual (Analog & Digital) NFB ensures stable amplification**
and isolation from voltage fluctuation. It achieves superb resolution and linearity from minimum to maximum output.
- **Built-in High Speed/ Floating Full Resonance Switching Power Supply**
ensures energy supply in real time when it is required for dynamic sound. Fully Floating Power Supply achieves incomparable speaker drivability.
- **DC Amplifier Configuration**
The DC amplifier configuration ensures rich bass, clear musical scale bass with strong powerful presence.
- **Built-in Real Time Current Limiter**
Keeping amplifier operation in Safety Operation Area for high level input to achieve higher durability and continuous operation.
- **Green Technology: Low Power Consumption thanks to very high conversion efficiency**
At Rated Output 100W/8Ω: 85%
(Conventional Amplifiers: 30-40%)
At normal music listening level 60%
(Conventional Amplifiers: 5-8%)

Specifications

Rated Power Output	100Wx1ch/8Ω 160Wx1ch/4Ω	Power Consumption	30W
THD	0.05%(90W/8Ω/1kHz)	Overall Dimensions	HT-&BB-type 134.5(W)x42(H)x239(D)mm 5-3/16"(W)x1-7/16"(H)x9-1/4"(D) BI-type 134.5(W)x42(H)x223(D)mm 5-3/16"(W)x1-7/16"(H)x8-1/2"(D)
Frequency Response	DC-20 kHz(+0dB/-0.5dB)/8Ω DC-50 kHz(+0dB/-3dB)/8Ω		
S/N Ratio	120dB(Input shorted,400Hz-30kHz BPF)		
Input Sensitivity	1V	Weight	650g(1.4lb)
Input Impedance	10kΩ(Vol.Max)		

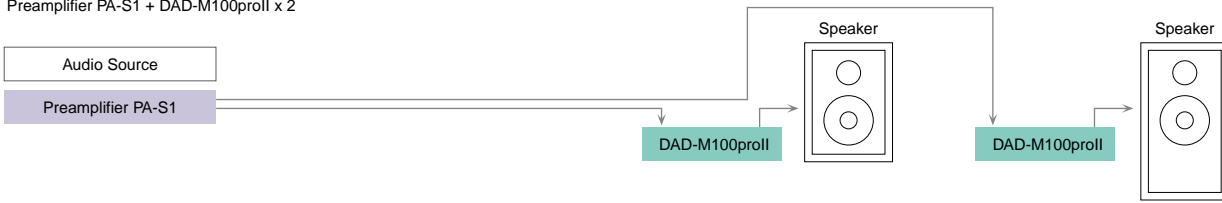
Way to get the better performance with DAD-M100proII

1. By positioning DAD-M100proII close to Speaker, you can eliminate effect or change due to the speaker cable.

If you have a channel divider, you can challenge to make your own setting without the speaker network.

Single Amp/ch System

Preamplifier PA-S1 + DAD-M100proII x 2



2. You can improve the sound improvement by separation of Woofer from other speakers.

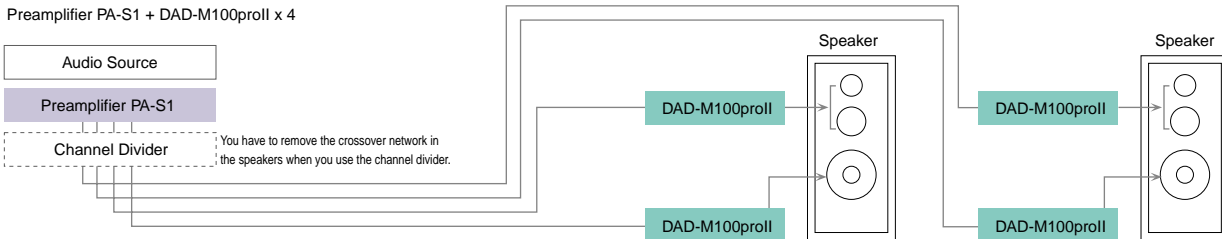
If you have a channel divider, you can challenge to make your own setting without the speaker network.

If you don't have a channel divider, you can simply use the speaker network.

But you must check the network whether it is designed for individual component driving.

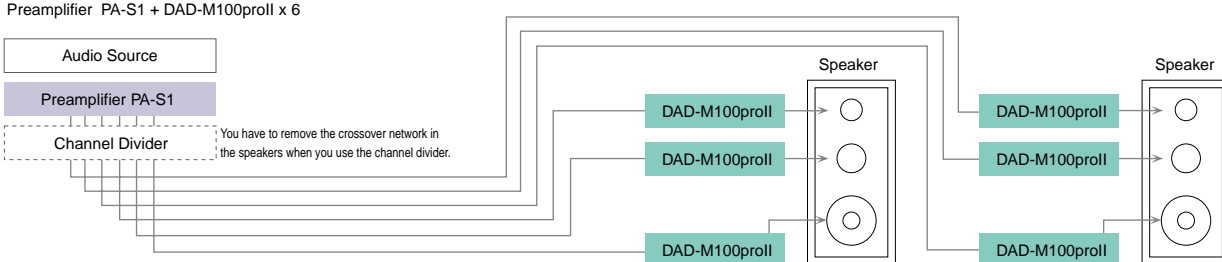
1. Bi-Amp System

Preamplifier PA-S1 + DAD-M100proII x 4

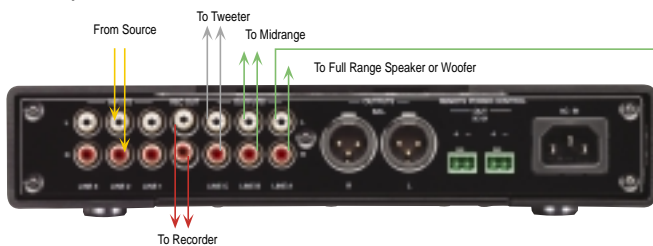


2. Tri-Amp System

Preamplifier PA-S1 + DAD-M100proII x 6



Preamplifier PA-S1



Monaural Power Amplifier DAD-M301proHT



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