

Digital Power Amplifier

DAD-M301 pro

300W/4Ωx1, 180W/8Ωx1



HT-type



BB-type



BI-type

Features

■ Super Compact & Super Light-weight

300W/4ohm Output Power with the nearly same size as DAD-M100proII.

■ Flying Mole Original Bi-Phase PWM Amplification

ensures Tube-like HiFi sound with Speed and Dynamics 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.

■ 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 180W/8Ω: 85%
(Conventional Amplifiers: 30-40%)
At normal music listening level : 60%
(Conventional Amplifiers: 5-8%)

Specifications

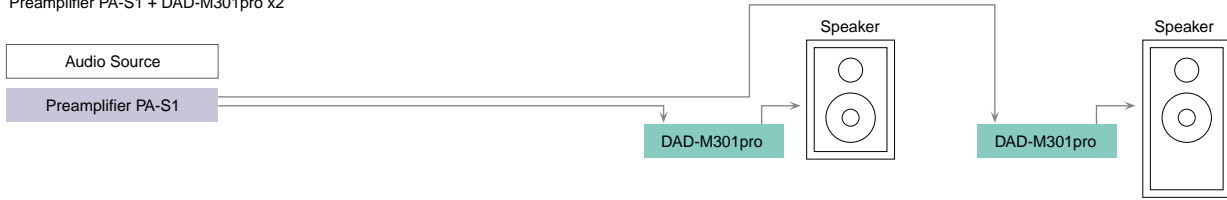
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|--------------------|--|--------------------|--|
| Rated Power Output | 180W/8Ωx1ch 300Wch/4Ωx1 | Power Consumption | 55W |
| THD | 0.05%(90W/8Ω/1kHz) | Overall Dimensions | HT-&BB-type 134.5(W)x45(H)x305(D)mm 5-3/16"(W)x1-1/2"(H)x12"(D) |
| Frequency Response | DC-20 kHz(+0dB/-0.5dB)/8Ω DC-50 kHz(+0dB/-3dB)/8Ω | | |
| S/N Ratio | 120dB(Input shorted,400Hz-30kHz BPF) | Weight | 1.0Kg(2.2lb) |
| Input Sensitivity | 1V | | |
| Input Impedance | 10kΩ(Vol.Max) | | |

Way to get the better performance with DAD-M301pro

1. By positioning DAD-M301pro close to Speaker, you can eliminate effect or change due to the speaker cable.

Single Amp/ch System

Preamplifier PA-S1 + DAD-M301pro x2



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

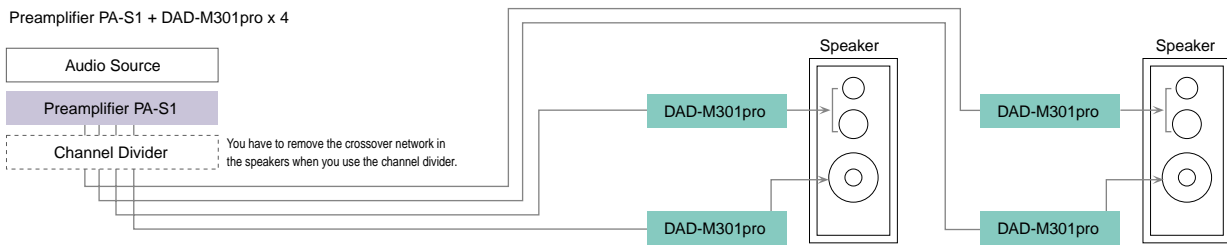
If you have a channel divider, you can challenge to make your own setting without the speaker network.

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.

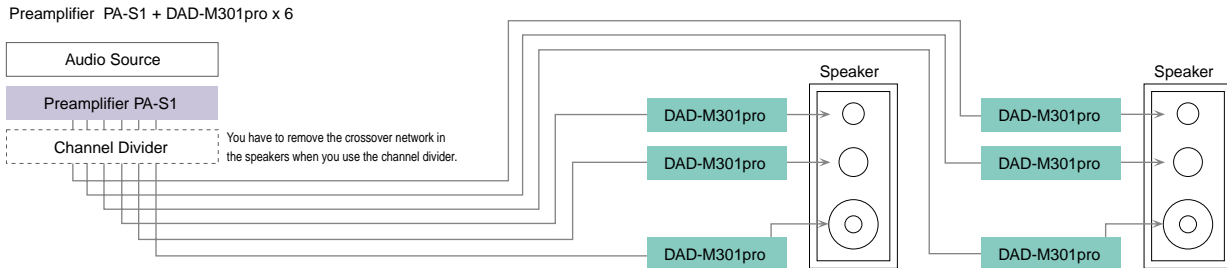
Bi-Amp System

Preamplifier PA-S1 + DAD-M301pro x 4

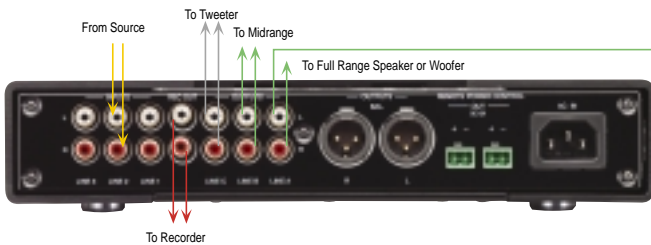


Tri-Amp System

Preamplifier PA-S1 + DAD-M301pro x 6



Preamplifier PA-S1



Monaural Power Amplifier DAD-M301proHT



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