

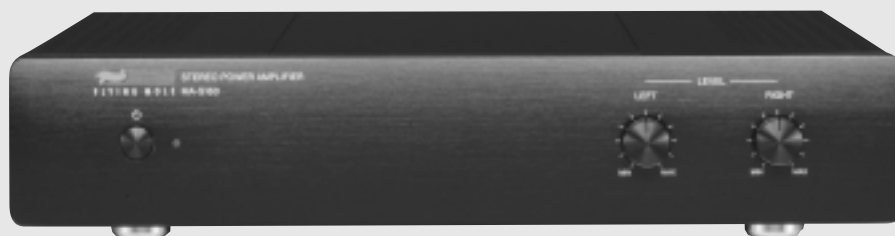
## Stereo Digital Power Amplifier

# MA-S160

**100W/8Ω x 2ch, 300W/8Ω x 1ch (BTL)**

**Reference Dual Monaural Power Amplifier (100Wx2) for Audiophiles,**

**Division Power Amplifier for Bi/Tri Amplifier System**



### Features

#### ■ Dual Monaural Construction with Independent Power Supply

- Each amplifier channel is completely separate from input to speaker output .
- This construction ensures total independency of each channel and enables exceptional sound quality that is fast and crystal clear.
- Completely independent Floating Power Supply strongly and safely support high speed digital amplifier operation.

#### ■ 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.

#### ■ Elegant Cosmetics, Quality Finish, and Superior Parts

- Ultra thick (Max. 10mm) Aluminum Front Panel
- Solid Aluminum Construction for High Vibration Damping
- Gold Plated RCA Pin Jacks : Inputs
- Gold Plated Speaker Terminals : 2-Way type (Banana Compatible)
- Solid Aluminum Knobs
- Cosmetics designed by world famous GK Industrial Design, Inc.

#### ■ Independent Volume Control for Maximum Channel Separation

Offers individual level balance adjustment with maximum channel separation.

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

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

## ■ Environmentally Friendly

### a.High Efficiency (Amplifier and Power Supply)

- 85%/at rated output 100W/8Ω  
(cf.Conventional Amplifiers:30-40%)
- 60%/at normal music listening level 12.5W/8Ω  
(cf.Conventional Amplifiers:5-8%)

### b. Compatible to ROHS directive

Rated Power Output	100W x 2 : @8Ω 160W x 2 : @4Ω
THD	0.05% (@50W/8Ω/1kHz)
Frequency Response	DC - 20kHz (+0dB/-0.5dB) / (8Ω) DC - 50kHz (+0dB/-3dB) / (8Ω)
Channel Separation	>70dB (20kHz)
S/N Ratio	120dB
Input Sensitivity	1V
Input Impedance	100kΩ (Fixed), 47kΩ (Variable)
Power Consumption	60W
Mat.Outer Dimensions WxHxD	11-1/16 " x 2-3/8 " x 11-3/8 " (281 x 60 x 290 mm)
Weight	9 lbs 3oz (4.2kg)

## 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>