

OWNER'S MANUAL

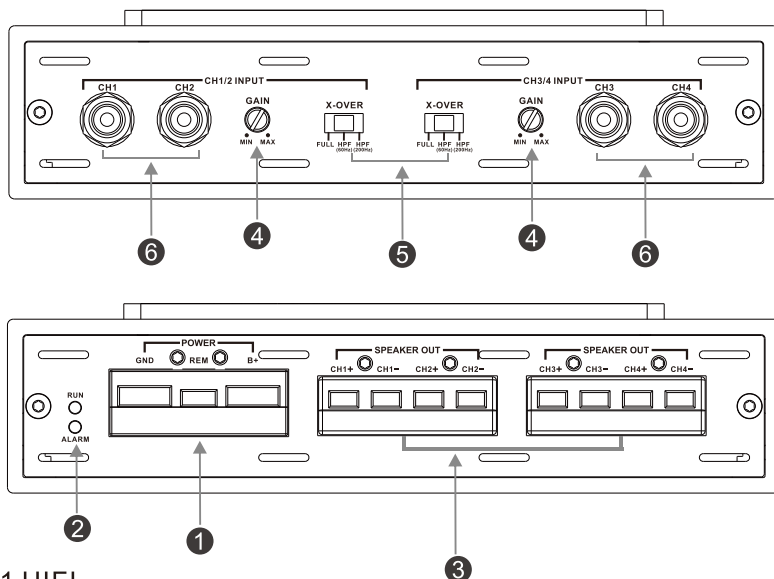
DA-4 HIFI
DA-1 HIFI

HIGH FIDELITY CAR AMPLIFIER

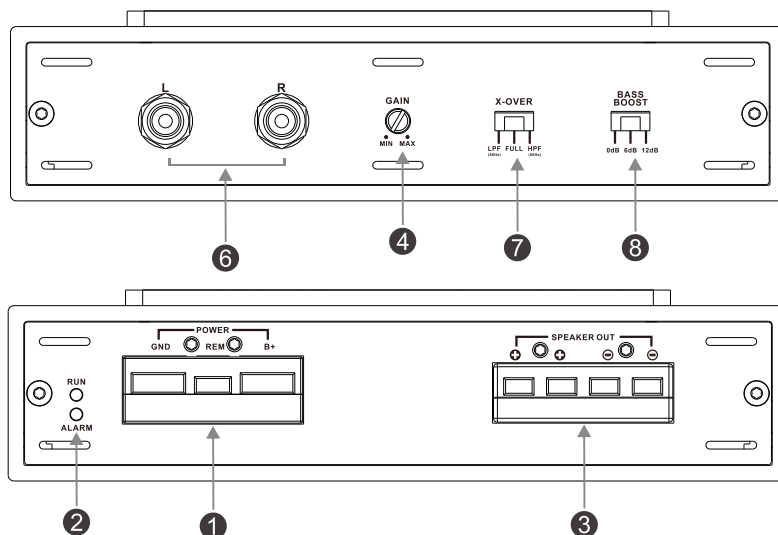
Introduction of Product Function

PANEL LAYOUT

DA-4 HIFI



DA-1 HIFI



① POWER

BATT+: Used to connect the positive terminal 12V car battery. In order to ensure adequate power supply for the amplifier, special cable should be used to connect directly to the positive pole of the battery, and the fuse should be connected in series within 20 centimeters from the positive pole of the battery.

GND: Used to connect amplifier grounding cable. The power supply grounding cable need to be firmly connected to the frame of the vehicle or other places with good conductivity. Please use the cable with same specifications as the power supply cable and connect to frame of the vehicle near the installation position of the power amplifier. Please ensure that the grounding point is good and take appropriate anti-oxidation measures.

REM: Connect it to the remote turn on lead of the head unit or signal source so that the amplifier will switch on and off automatically with source unit.

② RUN / ALARM

RUN LED: Working status indicator. When the processor finishes self-checking and go into proper working status, Blue led will illuminate.

ALARM LED: Protection status indicator. When this indicator flashes, it indicates that the amplifier is in abnormal working state and there'll be no output signal.

③ SPEAKER

Connect speakers/subwoofers to these terminals. Be sure to check wire for proper polarity. Never connect the speaker cables to chassis ground.

④ GAIN

The level control will match the amplifiers sensitivity to the source units signal voltage. The operating range is 500mV minimum to 5V maximum. This is NOT a volume control!

⑤ FULL / HPF selector switch

This switch is used to adjust the operating frequency range of the power amplifier. When pushing a large caliber full range speaker, it can be set in FULL (full pass) mode; when driving a small caliber full range speaker or mid-high range speaker, the switch should be set in HPF mode. HPF has 60Hz and 200Hz options. Users can select the corresponding frequency range according to the frequency range of the speakers.

⑥ INPUT

The amplifier features low level signal inputs to connect low-level output (PRE OUT) coming from the main analog source.

⑦ LPF/FULL/HPF selector switch

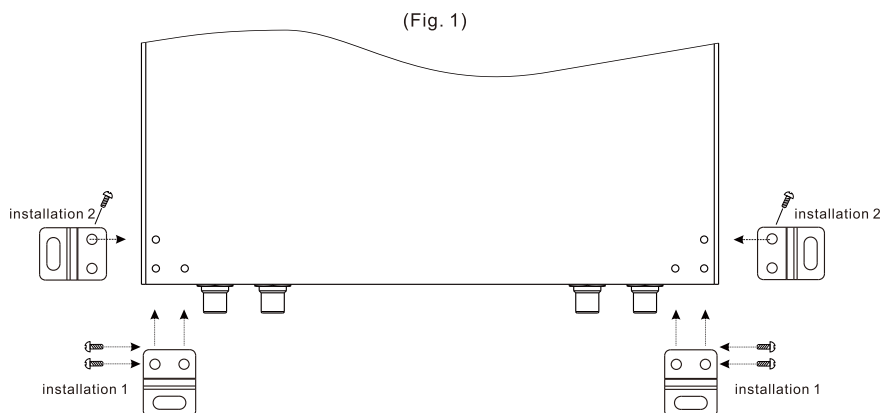
This switch is used to adjust the operating frequency range of the power amplifier. When driving a large caliber full range speaker, it can be set in FULL (full pass) mode; when driving a small caliber full range speaker or mid-high range speaker, the switch should be set in HPF (high pass filter) mode. When driving subwoofer, the switch should be set in LPF (low pass filter) mode.

⑧ BASS BOOST

This slide switch can adjust the boost level (0dB/6dB/12dB) of the bass boost frequency fixed at 50Hz.

INSTALLATION

1. Turn the amplifier upside down.
2. Use eight screws from the standard accessories to install four fixtures on the amplifier (Fig. 1). According to the actual installation position of the amplifier, you can flexibly select vertical (installation 1) or horizontal (installation 2) fixtures to install on the amplifier.
3. Use four black screws from the standard accessories to fix the amplifier to the installation position.

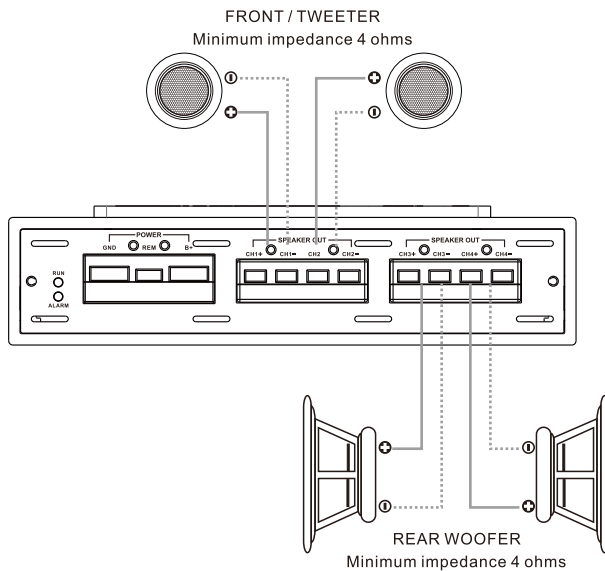


CONNECTING THE AMPLIFIER

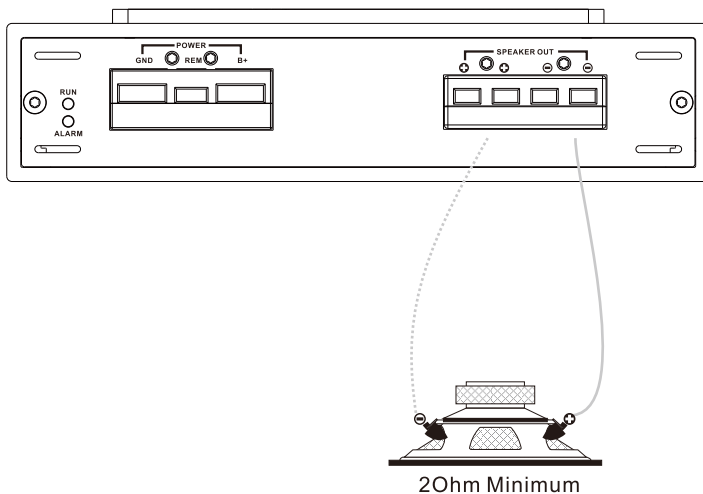
- Please prepare sufficiently to layout car space before installation. We recommend having the installation done by an authorized dealer.
- Amplifier requires large electric current consumption when working at full power. Please use good insulated power cable to endure long-term use with high electric current.
- The 12 volt power cable must be connected with a fuse in near 45cm(18") of Battery + terminal.
- Please use car audio RCA cables to connect source unit and amplifier. Make sure the RCA jack must not touch the vehicle body. Power cables and signals cables should be layout separately on two sides of the vehicle. All cables should keep away from equipment such as automobile ignition coil and vehicle computer.
- Don't expose any cable out of your vehicle. Please take care insulated cables to avoid damaged when cables pass through metal, Rubber and plastic etc. Do not pull the cable too tight during installation.
- The amplifier must be mounted securely at a solid, Dry and low vibration surface in the trunk or passenger area. Fix the amplifier in an open air area to insure proper heat dissipation.
- When installing the unit, Be careful to avoid perforations on gas tank, brake lines, fuel lines, hydraulic lines or electrical wiring etc.

Power Amplifier Installation Wiring Diagram

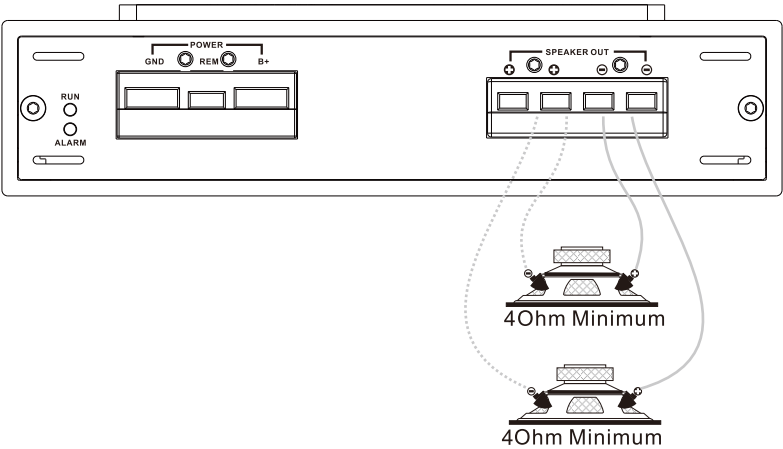
DA-4 HIFI 4 Channel Connection Mode



DA-1 HIFI One Speaker Connection



DA-1 HIFI Two Speaker Connection



Specifications

Model	DA-4 HIFI	DA-1 HIFI
4 Ohm RMS Power	50W X4CH	300W
2 Ohm RMS Power	N/A	530W
Input Sensitivity	500mV-5V	500mV-5V
Frequency Response	10Hz-35KHz	10Hz-27.4KHz
X-Over Type	FULL/HPF	HPF/FULL/LPF
HPF	60Hz/200Hz	80Hz
LPF	N/A	80Hz
THD	<0.05%	<0.02%
Input Impedance	20K	36K
S/N Ratio	>101dB	>99dB
Damping Factor	>80	>500
Channel Separation	85dB	N/A
Protection	Overload, ShortCircuit, Overheat, Under voltage, Over voltage	
Minimum Load	4 Ohm	2 Ohm
Intelligent Power Management System	Yes	
Voltage Range	8.2 - 16V DC	
Recomended Fuse	30A	50A
Dimensions	200x128x45mm	200x128x45mm

