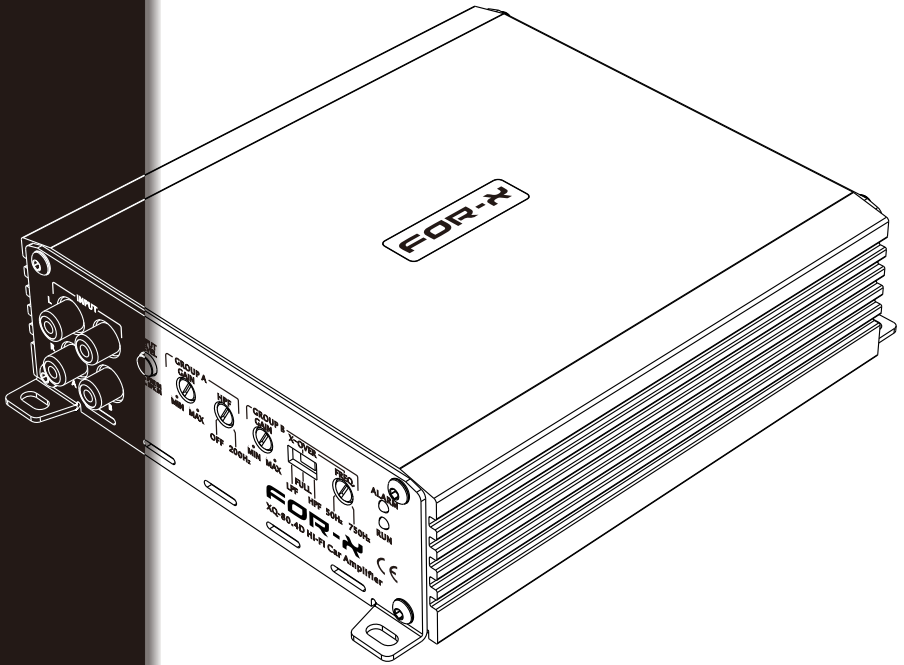


# FOR-X

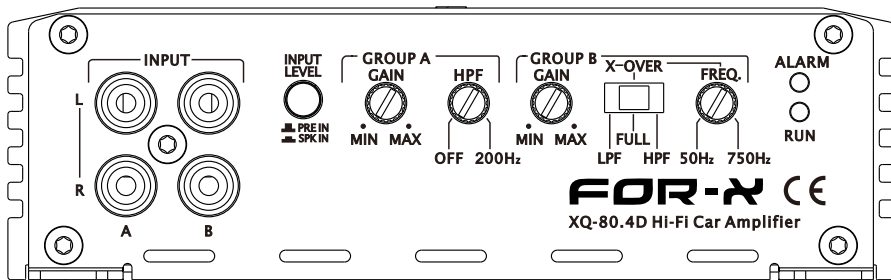
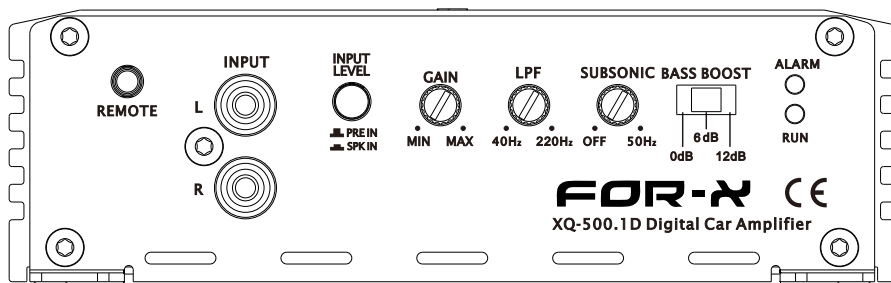


## OWNERS MAUAL

XQ-500.1D

XQ-80.4D

**FRONT PANEL**



**GAIN CONTROL**

**INPUT LEVEL (PRE IN/SPK IN)**

**HPF CONTROL**

**FULL/HPF/LPF SELECTOR SWITCH**

**FREQ CONTROL**

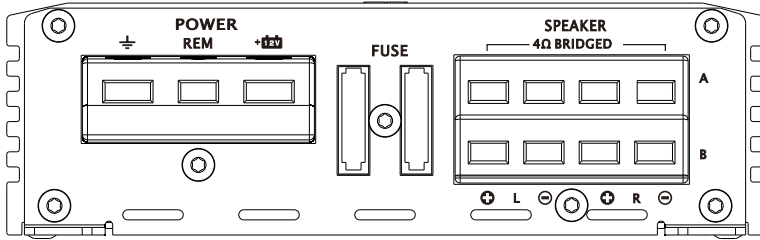
**BASS BOOST FREQ CONTROL**

**BASS BOOST CONTROL**

**INPUT**

The amplifier support High/Low level RCA signal input. When choose PRE IN, Input sensitivity is 0.35-3.5V; When choose SPK IN, input sensitivity is 0.7-7V

## REAR PANEL



### GND

Used to connect power 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

Remote control terminal. The remote control cable must be connected with source unit remote terminal so the amplifier will switch on and off automatically with source unit.

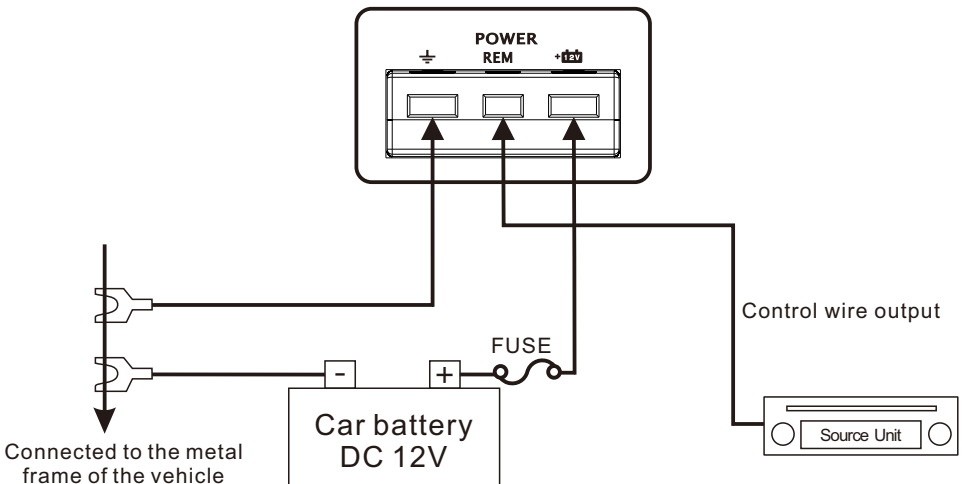
### +12V

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.

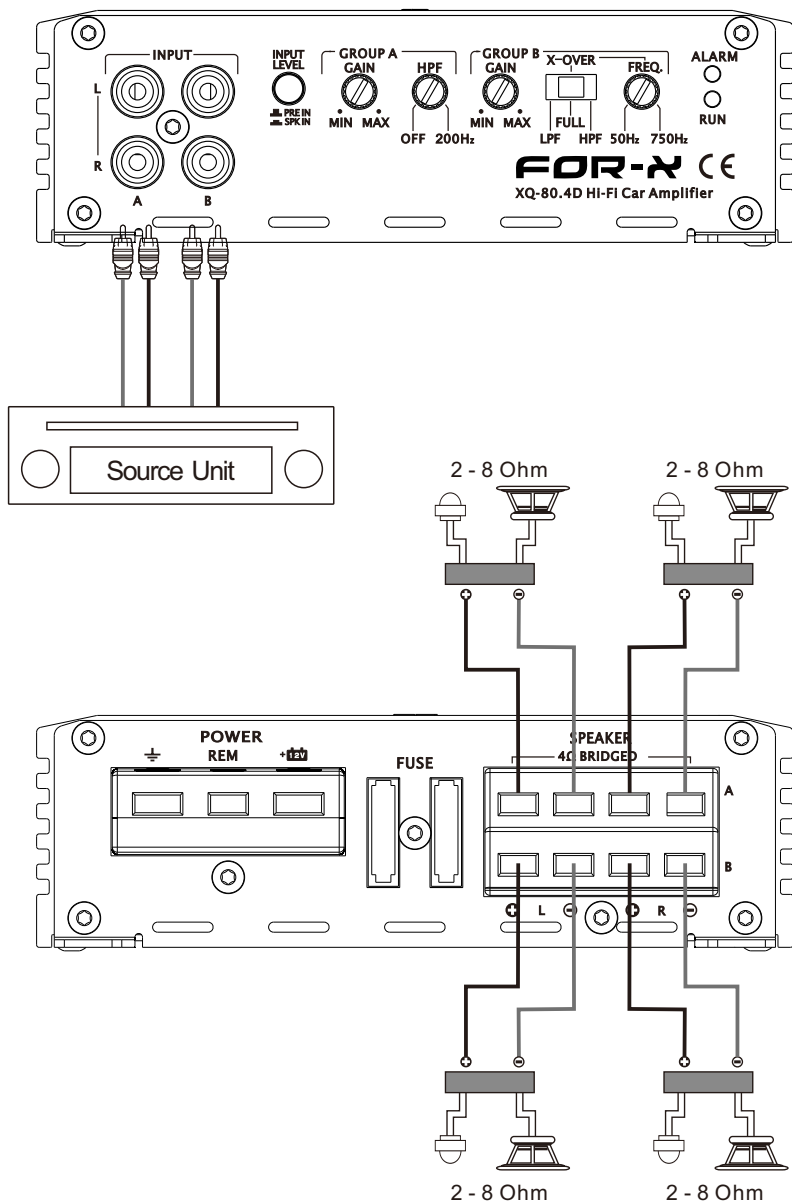
### SPEAKER

Connect your speakers correctly which means plus to plus and minus to minus. Never connect speaker cables with chassis ground directly. It may destroy your amplifier.

## POWER CONNECTION LEADS

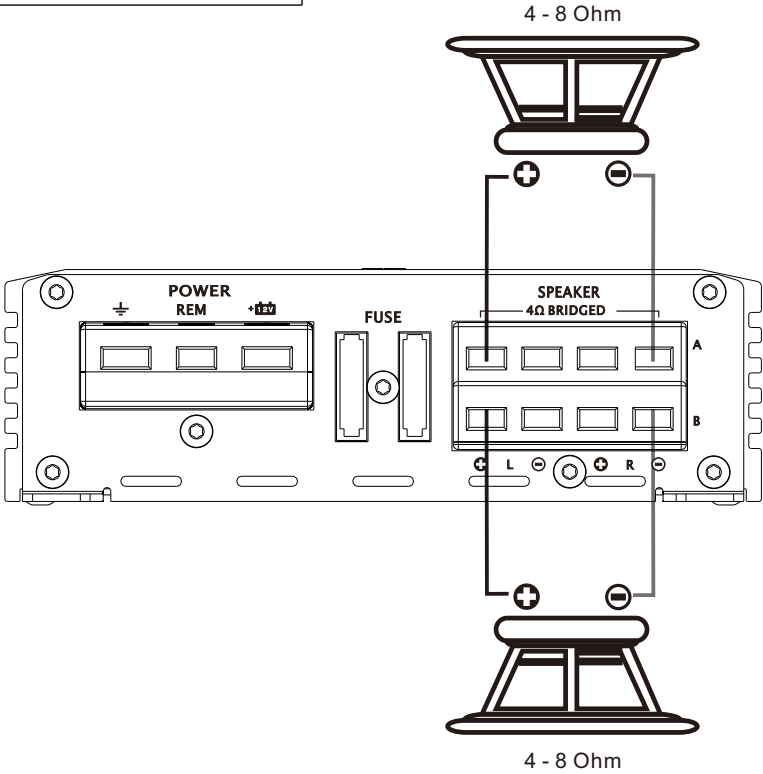
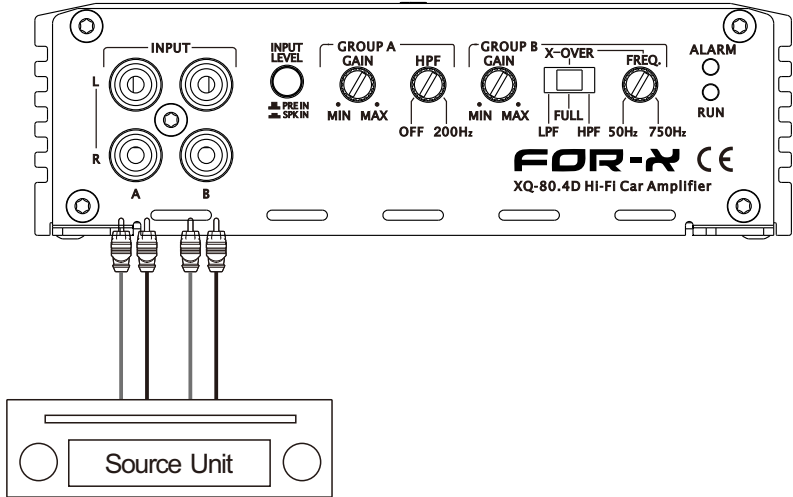


**XQ-80.4D**

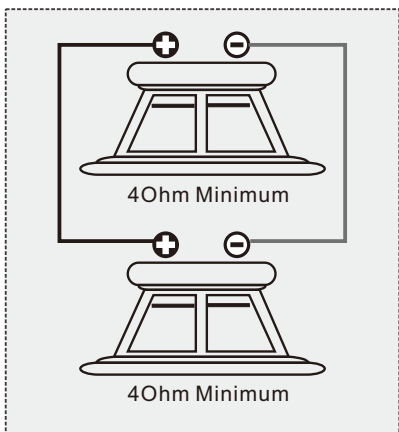
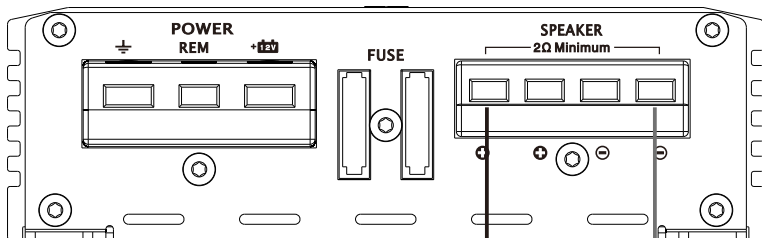
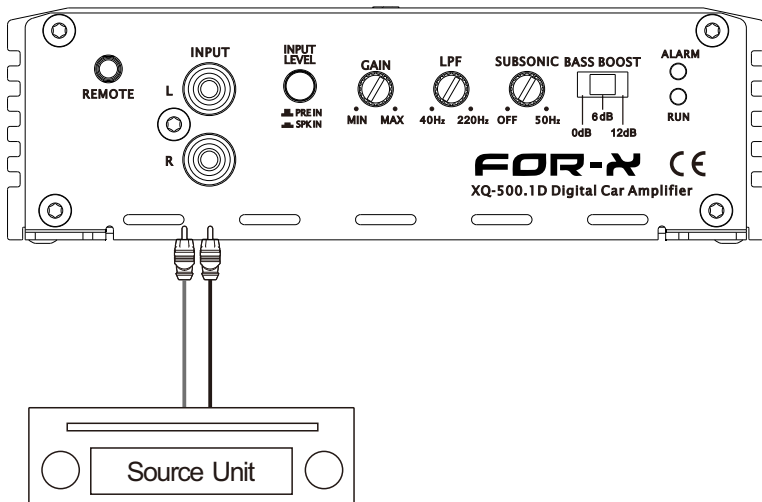




XQ-80.4D



XQ-500.1D



or



## TROUBLE SHOOTING

▶ **No Function:**

The connection cable is not connected correctly( = terminal CABLE/GND /REM).Ensure that all connections and mechanic contact and that the jacket has been removed. The fuse is defective-pay attention to the correct value of a new fuse.

▶ **No Sound:**

Speaker cable or speaker plug are not connected correctly.

No Sound /Red LED Protection Shines:

The plus and minus wires of the speaker cable have contact, thus eliminate the short circuit. If you use a 2 Ohm speaker in stereo mode, a 4 Ohm speaker in.bridge mode or tri-mode and the set is overloaded, then turn the gain control to "min" until the operation is free of trouble.

▶ **Poor Sound Quality ( Distortions ):**

The speakers are overloaded, therefore turn down the volume level and check the volume control positions.

▶ **No Stereo Sound And A Weak Bass:**

Speaker cables (+) and (-) are mixed up, unit wired out of phase.

## PRECAUTIONS

- ▶ This unit is designed for negative ground 12V DC operation only
- ▶ Avoid installing the unit where:
  - It would be subject to high temperatures, such as from direct sunlight or hot air from the heater.
  - It would be exposed to rain or moisture.
  - It would be subject to dust or dirt.
- ▶ If your car is parked in direct sunlight and there is a considerable rise in temperature inside the car, allow the unit to cool off before operation.
- ▶ When installing the unit horizontally, be sure not to cover the heatsink fins with the floor carpet.
- ▶ If this unit is placed too close to the car radio, an interference may occur. In this case, separate the amplifier from the car radio.
- ▶ This power amplifier employs a protection circuit to protect the transistors and speakers if the amplifier malfunctions. Do not attempt to test the protection circuits by covering the heatsink or connecting improper loads.
- ▶ Do not use the unit with a weak auto battery as its optimum performance depends on a normal battery supply voltage.
- ▶ For safety reasons, keep the volume of your car audio system moderate so that you can still hear normal traffic sounds outside your car.
- ▶ If the product contains desiccant, do not eat, avoid touching the liquid, and keep away from children.

XQ-500.1D Mono power amplifier			
Input Sensitivity	PRE INPUT : 0.35~3.5V / SPK INPUT : 0.7~7V		
Freq. Response	10Hz~220Hz	Distortion	<0.3%
S/N Ratio	>101dB	Rated Power@4 Ohm	1 x 350W
Low Pass Freq.	40Hz~220Hz	Rated Power@2 Ohm	1 x 530W
SubSonic Freq.	10Hz~50Hz	Peak Power	1 x 1060W
Filter Slope	24dB/Oct	Minimum Load	2 Ohm
Bass Boost Level	0dB-6dB-12dB	Supply Voltage	7.5V~16V DC
Optional Remote	YES	Dimensions (mm)	165 x 150 x 46

XQ-80.4D 4-Channel power amplifier			
Input Sensitivity	PRE INPUT : 0.35~3.5V / SPK INPUT : 0.7~7V		
Freq. Response	10Hz~30KHz	Distortion	<0.3%
S/N Ratio	>95dB	Rated Power@4 Ohm	4 x 80W
Filter Type	FULL/HPF/LPF	Rated Power@2 Ohm	4 x 130W
Hi Pass Freq.	10Hz~200Hz	Bridge Power@4 Ohm	2 x 260W
Low Pass Freq.	50Hz~750Hz	Peak Power	4 x 260W
Subsonic	NA	Minimum Load	2 Ohm
Bass Boost Level	NA	Supply Voltage	7.5V~16V DC
Dimensions (mm)	165 x 150 x 46		