

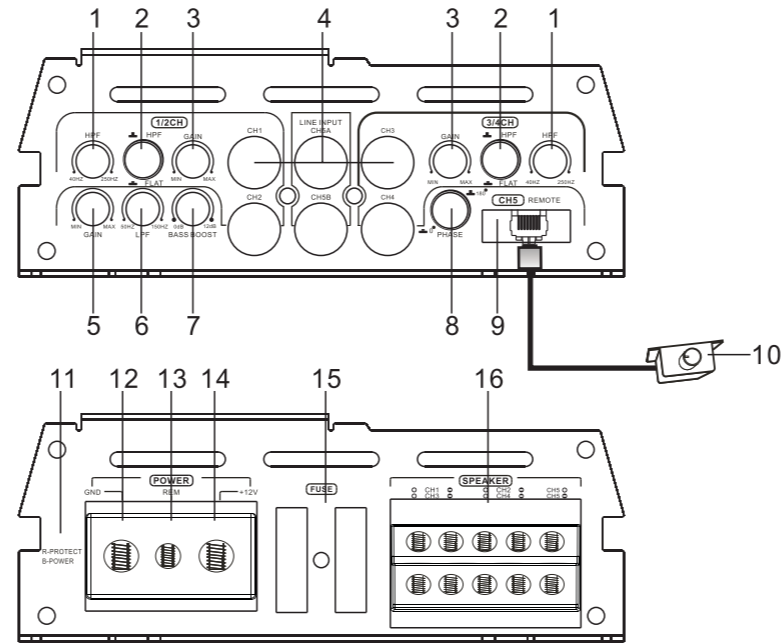
FOR-X

OWNER'S MANUAL CAR POWER AMPLIFIER



X-1800.5

INSTRUCTIONS FOR FUNCTIONS AND CONTROLS



1.HPF

High pass frequency adjusting knob,the frequency ranges from 40Hz to 250Hz.

2.X-OVER

Optional switches for high pass filter(HPF)/full pass filter(FULL).

3.GAIN

Knob for volume adjustment.

4.LOW INPUT

CH1/CH2/CH3/CH4/CH5A/CH5B inputs of the amplifier system. Preamplifier outputs of a source (head unit,CD player,DAT,etc.) or of an external electronic crossover must be connected to them.

5.SUB GAIN

Knob for SUB volume adjustment.

6.LPF

Low pass frequency adjusting knob,the frequency ranges from 50Hz to 150Hz.

7.BASS BOOST

The Boost ranges from 0dB to +12dB.

8.PHASE

Konb for phase from 0° to 180° .

9.SUB REMOTE CONTROLLER OUTLET

To be connected with the remote controller, which helps to sub gain. Pls turn the knob of volume to be maximum before using the remote.

10.SUB REMOTE CONTROLLER BOX

Bass boost knob,the volume ranges from 0.2V to +6V.

11.INDICATOR LIGHT

When pow LED sends out blue light, it means that this amplifier have being working now.
When protection LED sends out red light, it means that the self-protection of the amplifier.

12.GND

Ground terminal. Connect to the car chassis. Keep the length of the ground cable to a minimum.

13.REM

Terminal to be connected with Remote cable, which comes from the source and which controls the amplifier switching on. Applied voltage must be between 10 and 15V DC.

14. +12V

Anode of power connection terminals. Connect to the anode of car battery.

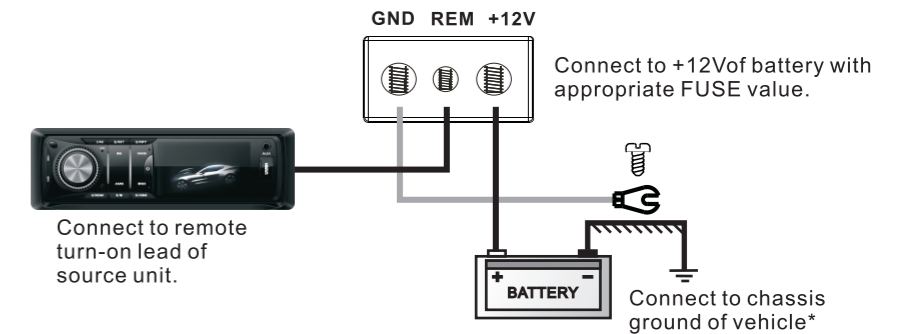
15.FUSE

Standard automatic fuse, you must use the same power fuse if you need to change it.

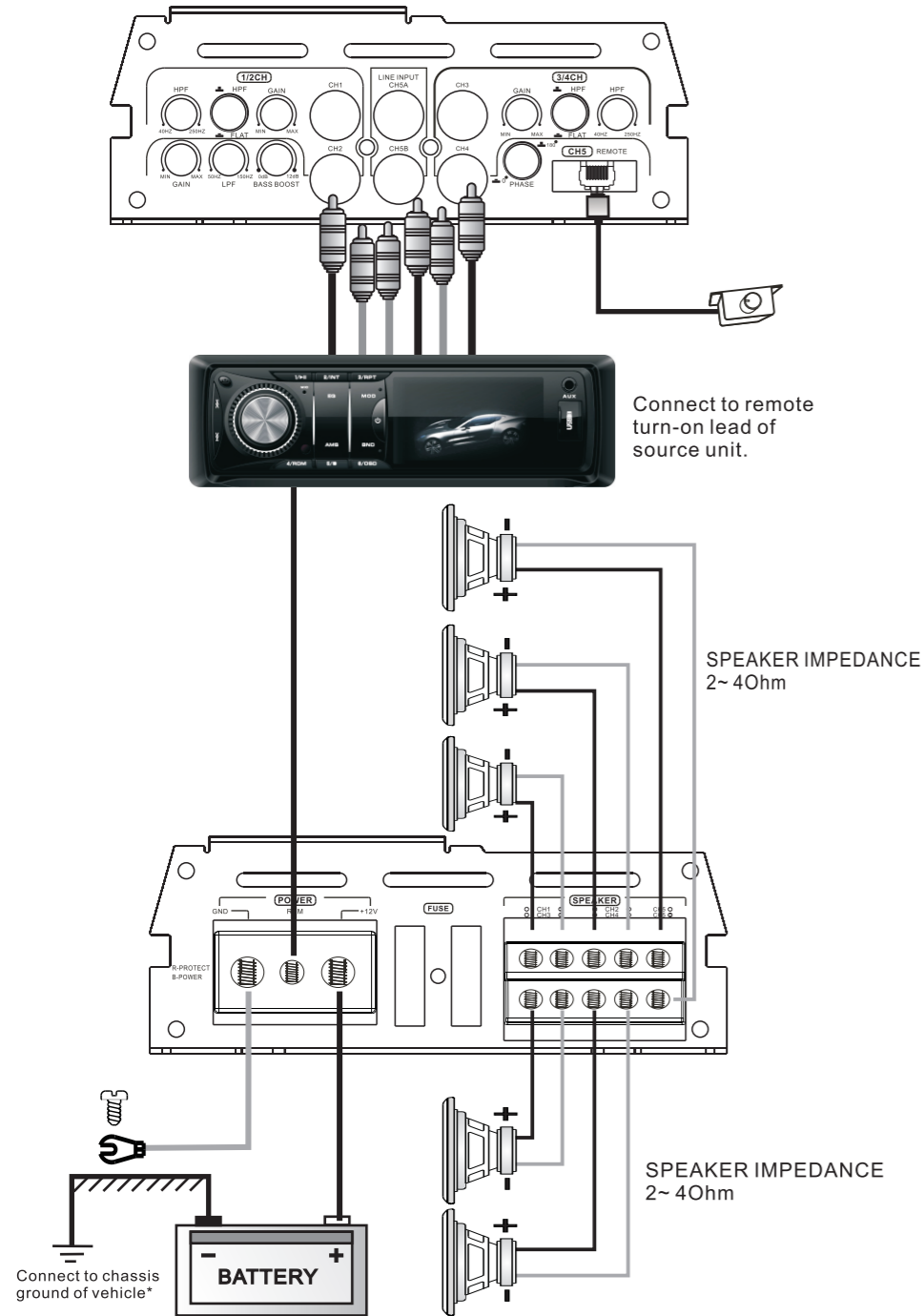
16.SPEAKER

Speaker connecting terminals.

ELECTRICAL CONNECTION



SYSTEM WIRING 5 CHANNEL STEREO CONFIGURATION



TROUBLESHOOTING

Before removing your amplifier, refer to the list below and follow the suggested procedures. Always test the speakers and their wires first.

AMPLIFIER WILL NOT POWER UP.

Check for good ground connection.
Check that remote DC terminal has at least 10V DC.
Check that there is battery power on the + terminal.
Check all FUSES.
Check that Protection LED is not lit. If it is lit, shut off amplifier briefly and then repower it.

HIGH HISS OR ENGINE NOISE (ALTERNATOR WHINE) IN SPEAKERS.

Disconnect all RCA inputs to the amplifier, if hiss/noise disappears, then plug in the component driving the amplifier and unplug its inputs. If hiss/noise disappears, go on until the faulty/noisy component is found. It is best to set the amplifier input level as insensitive as possible. The best subjective S/N ratio is obtainable this way. Try to drive as high a signal level from the head unit as possible.

PROTECTION LED COMES ON WHEN THE AMPLIFIER IS POWERED UP.

Check for shorts on speaker leads.
Check that volume control on the head unit is turned down low.
Remove speaker leads, and reset the amplifier. If the Protection LED still comes on, then the amplifier is faulty.
The amplifier will shut down automatically when the units' temperature goes up to 85°C. This will protect the units from damage.

AMPLIFIER GETS VERY HOT.

Check that the minimum speaker impedance for that model is correct.
Check for speaker shorts.
Check that there is good airflow around the amplifier. In some applications, an external cooling fan may be required.

DISTORTED SOUND.

Check that the Level control's is set to match the signal level of the head unit.
Check that all crossover frequencies have been properly set.
Check for shorts on the speaker leads.

HIGH SQUEAL NOISE FROM SPEAKERS.

This is always caused by a poorly grounded RCA patch cord.

WARNING!

1. Over high volume will damage your speakers.
2. Be cautious when you use the amplifier near gasoline tank and electric wires.
3. Protect the connecting wires and parts to avoid any damage or short circuit.
4. The power must be from the anode of the battery via FUSE.
5. The sound system must be in turning-off situation when you check the amplifier.
6. Be sure that you use the same type of FUSE when you need to replace it.

* We reserve the right to make needed change or improvement to the product, without informing customer about this in advance.

SPECIFICATIONS

RMS Power@14.4V DC	80W x4+200W x1
Power @ 4 Ohms	120W x4+320W x1
Power @ 2 Ohms	240W x2+200W x1
Bridged Power @ 4 Ohms	2 Ohm
Min. Speaker Impedance	0.01%
THD Distortion	20Hz~20KHz
Frequency Response	0.2V~+6V
Input Sensitivity	10K
Input Impedance	100dB
Signal-to-Noise Ratio	50dB
Channel Separation	0.2V~+6V
Remote sub gain control	
Crossover Network	
High pass filter	40Hz~250Hz
Low Pass Filter	50Hz~150Hz
Bass Boost	0dB~+12dB
Fuse Rating	40Ax2
Size L x W x H	282.5x127x45mm