BLAUPUNKT

ESTABLISHED IN GERMANY Since 1923

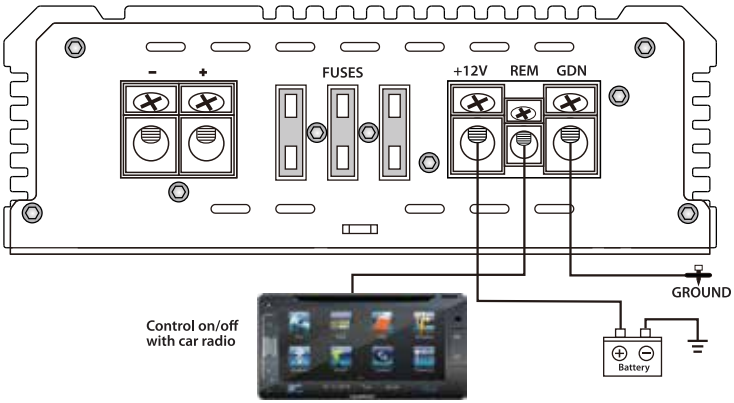
GTA 11200

1 Channel Power Mono Block

Enjoy it.

Operating and installation instruction

Power Connection

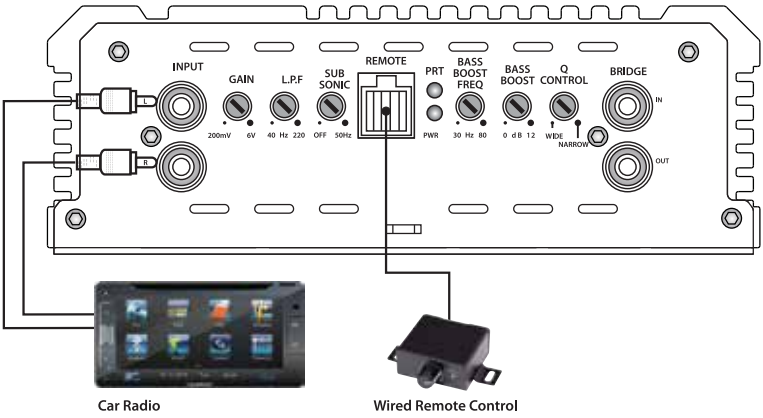


Installation Instruction

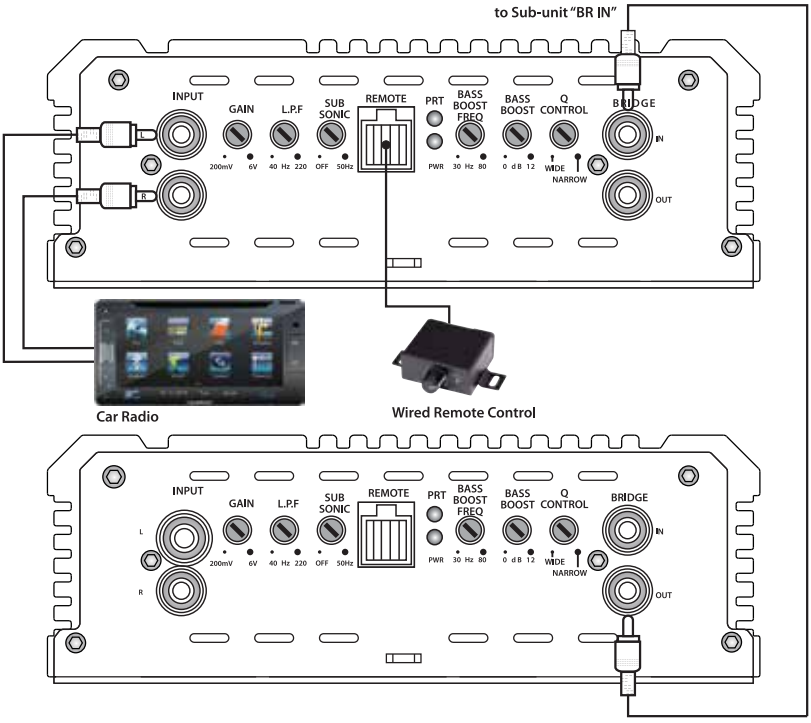
Proper system planning is vital in order to maximize your amplifier's performance. Plan your installation carefully to avoid compromising performance reliability of the system. Consult an authorized Blaupunkt dealer for installation and reparation.

1. Disconnect the negative (-) battery cable before mounting the amplifier or making any connections.
2. Before mounting amplifier, ensure that the mounting location has sufficient space for ventilation and does not compromise road safety.
3. Power connection : Before installing amplifier, disconnect the negative (-) wire from the battery to prevent any short-circuit damage to the amplifier or the sound the system. The amplifier is designed to use 4-8 AWG Power and Ground cables.
4. Ground connection : Locate a safe grounding connection as close to the amplifier as possible. Ensure location is clean and easy access for direct electrical connection to the frame of the vehicle. Connect one end of the same size cables as power cable to the grounding point. Connect the other end of the cable to the amplifier mounting location. Connect the ground cable to the screw terminal labelled as GND.
5. Remote connection : Remote switch of head unit could be toggle switch, the source unit's remote wire or power antenna wire. Connect the remote wire to the power terminal labelled as REM. Run the lead to the amplifier mounting using 16AWG wire or larger.

RCA Connection

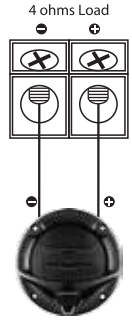


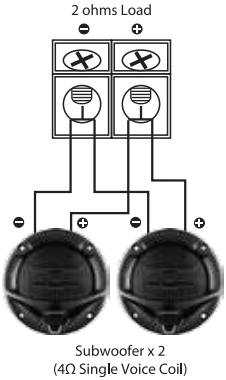
Dual Amp Input Connection (Master & Sub-unit RCA Connection)

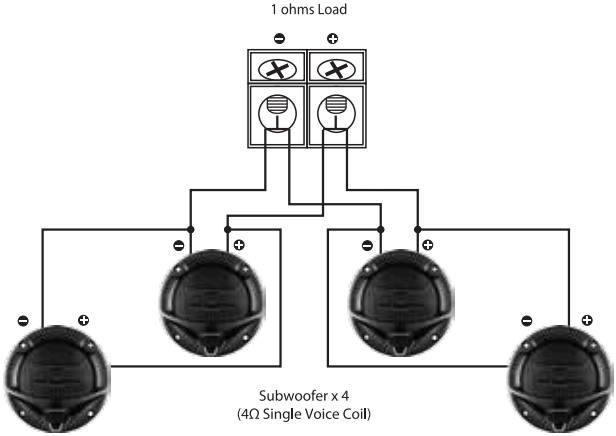


Speaker Connection

Single Voice

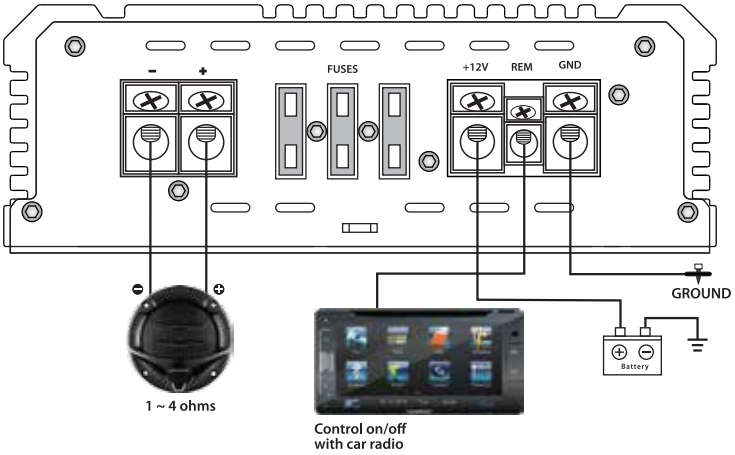


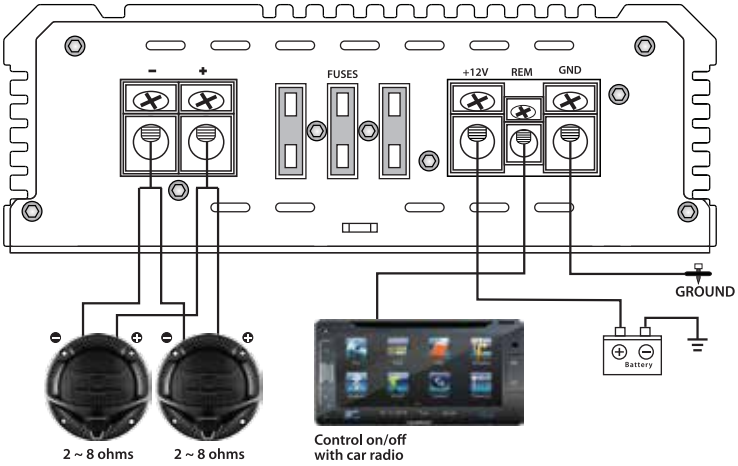




Speaker Connection

Single Amp Power and Speaker Connection

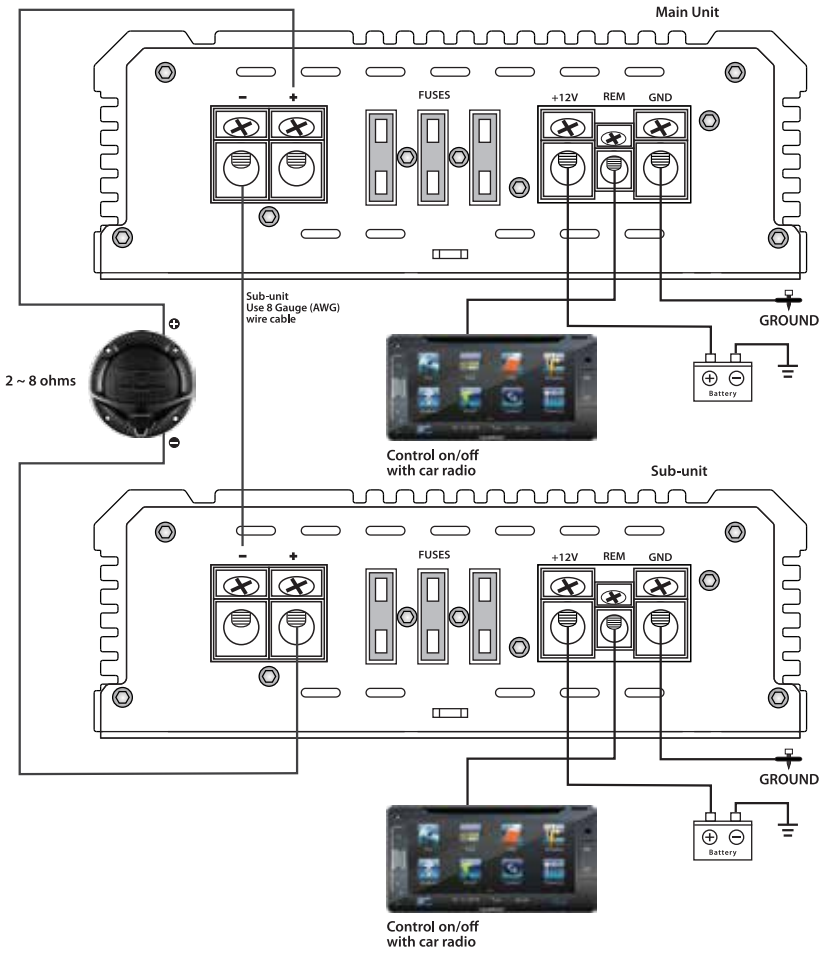




The positive and negative terminal of the subwoofer voice coil
are connected to the positive and negative terminal of the amplifier

Speaker Connection

Dual Amp Power and Speaker Connection



Using a dual amplifier configuration, the main unit amplifier has total control over the sub-unit amplifier. When using dual amplifier to operate subwoofer, the positive terminal of the subwoofer voice coil must be connected to the positive terminal of the main unit amplifier and the negative terminal of the subwoofer voice coil must be connected to the positive terminal of the sub-unit amplifier. Dual amplifier setup will release high output power, please ensure subwoofers are capable of handling such output.

⚠ Speakers load cannot be lower than 2 ohms when configuring the dual amplifier. Low impedance load may damage the device and void warranty.

Troubleshooting

This power amplifier has protection features that prevents damages from misuse or faulty conditions/supplies. If the unit detects excessive heat, short-circuit or overload, the protection indicator will light up, and the system will be turned off. Turn all levels down and power off before examining the wiring connections.
Allow the unit sometime to cool down if the amplifier shuts down due to excessive heat (the protection indicators will not light up). Before uninstalling the amplifier for repair or further inspections, please refer to below troubleshooting table.

PROBLEM	SOLUTION
Unable to turn on	Examine if battery power is on +12V terminal. Examine remote terminal has at least 14.4V DC remote connection. Examine ground connection and all fuse.
Protection LED illuminates when amplifier is turned on	Examine connection and speaker wires. Remove speaker wires and reset the amplifier.
Broken fuse	Examine if minimum speaker impedance is correct. Examine power cable and vehicle chassis are well intact.
Overheat	Examine if minimum speaker impedance is correct. Examine speaker connection. Examine if amplifier ventilating well.
Low or distorted audio	Examine if the input level control matches the output level of the unit. Examine head unit's volume. Examine speaker connection. Examine crossover frequency setting.
Engine noise in speaker	Examine ground and speaker connection. Disconnect all RCA input from the amplifier. If noise disappear, check with a good RCA interconnect. Then check the radio.

Specification

- Amplifier Class : Class D
- No of Channel : Mono Block (1)
- No of PCB Layer : 2
- Max Total Power : 1800W x 1
- RMS Power (4 ohms) : 500W x 1
- RMS Power (2 ohms) : 800W x 1
- RMS Power (1 ohms) : 1200W x 1
- RMS Power (2ohms linkable/dual mono) : 2400W x1
- Signal-To-Noise Ratio : =>98dB
- Voltage Supply : 11- 16V DC
- Idling Current : 0.8A
- Bass Boost Frequency : 30Hz-80Hz
- Bass Boost Level : 0dB - 12dB
- Crossover Type : Variable
- Crossover Frequency (Low Pass Filter) : 40Hz - 220Hz
- Crossover Slope : -12dB/oct
- Hi-Volt Input Level Control : 3V
- Lo-Volt Input Level Control : 100mV - 6V
- Total Harmonic Distortion : <= 0.05% (100Hz)
- RCA Input : 2 Channel
- Speaker Input : Yes
- Fuse : 40A x 3
- Power/Ground Terminal : Screw-Type
- Speaker Terminal : Screw-Type
- Net Weight : 3.2kg
- Dimension (W x H x D) : 260 x 165 x 58.5mm

Designed and engineered by Blaupunkt