



OWNER'S MANUAL

YR9



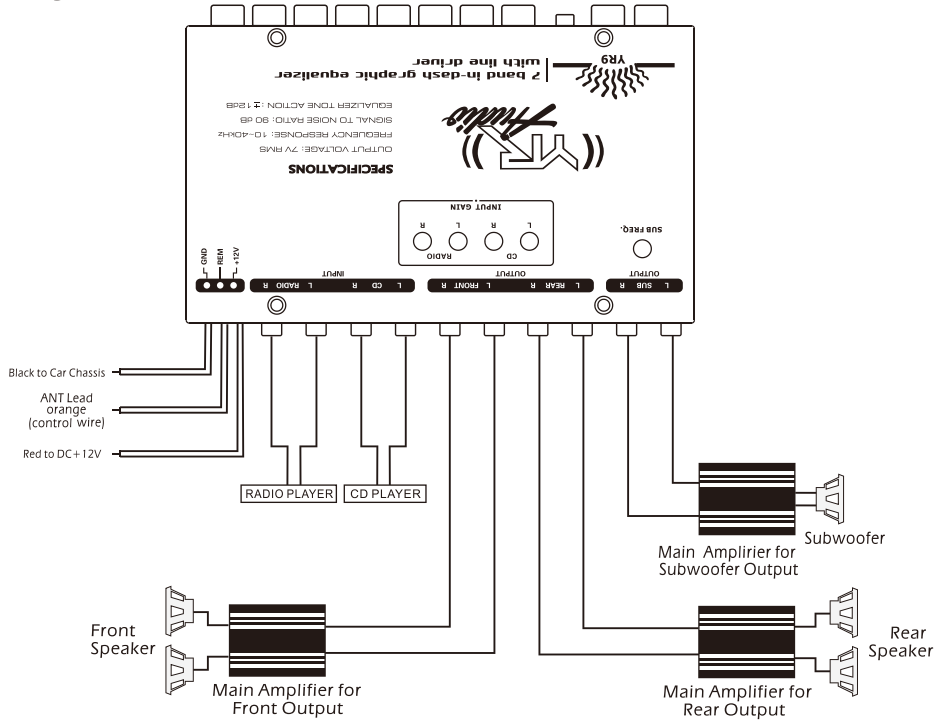
WARNING

Make sure you choose a suitable place to mount the unit. The position should be completely dry with a good circulation of air, and from a mechanical point of view very stable.

FEATURES

1. Active gain Equalizer with adjustable input sensitivity.
2. Master volume control with up to 7 volts RMS of output.
3. Individual left and right sensitivity controls.
4. Seven band parametric equalizer with ± 12 dB Boost/cut.
5. Specific bandwidth for each band plus high frequency shelving.
6. On-board 30v bipolar switching power supply.
7. Subwoofer level control.
8. Subwoofer frequency adjustable.
9. Gold- Plated RCA input/output connectors.
10. Input RADIO/CD select switch.

WIRING DIAGRAM

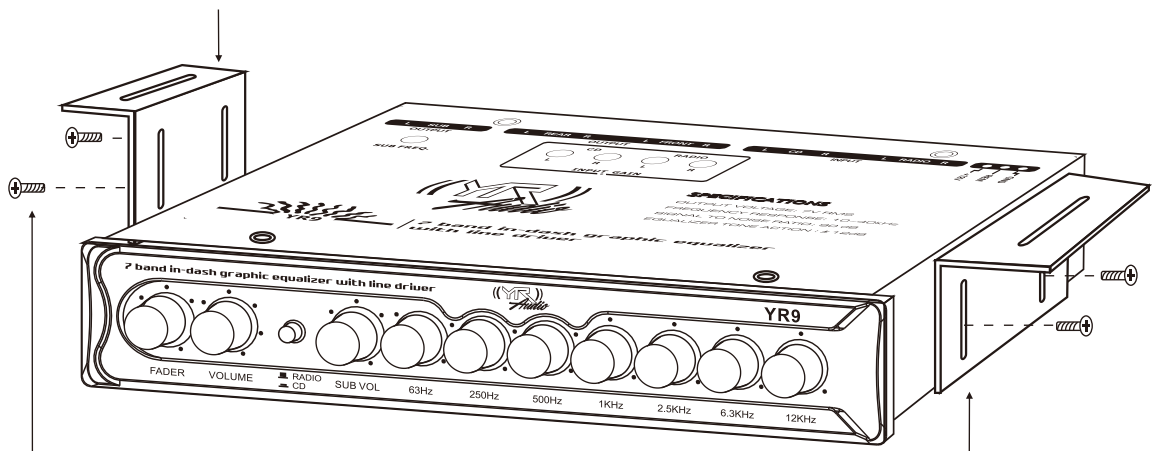


Mounting

To prevent damage to the equalizer while driving, mount it in a secure place. Choosing the appropriate location will depend upon your vehicle and the complexity of your aystem design. Typical mounting locations for your new would be in the dash or center console. Never mount the component in a location that would subject it to immersion or exposure to water.

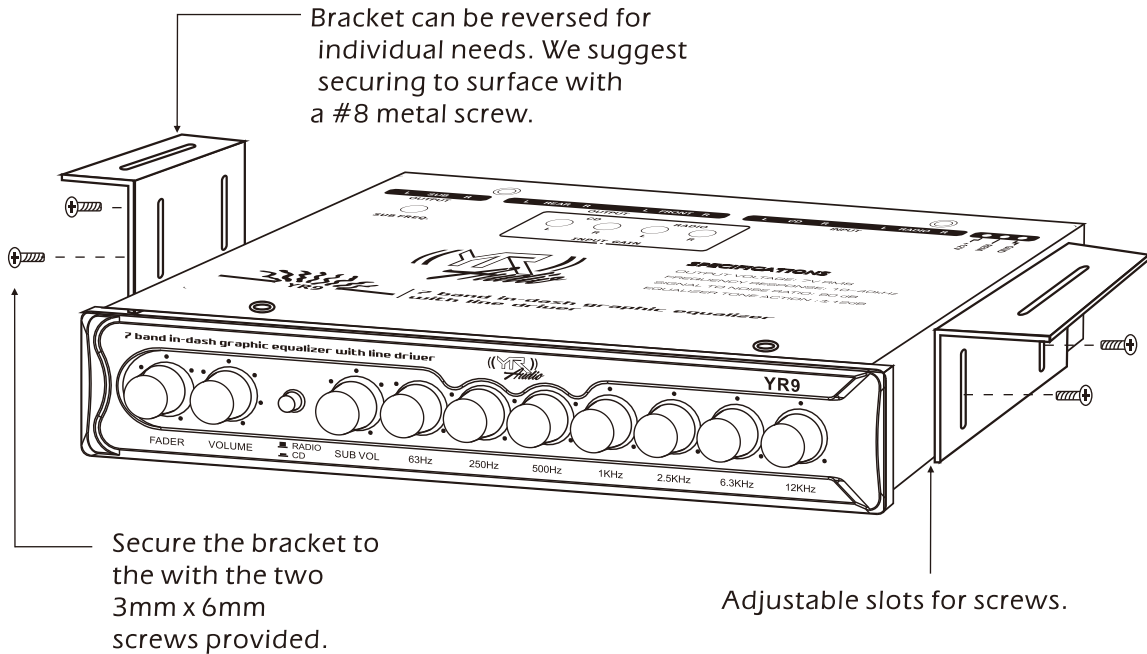
Once a location has been chosen, securely mount it using the two supplied brackets. The brackets are connected, to the equalizer/preamp by two 3mm X 5mm X 6mm phillips head screws. We have made the brackets adjustable to compensate for the uniqueness of each vehicle. Be careful! Inspect the area underneath to be sure you are not drilling into wires, etc. That could be damaged by the drill bit or screws.

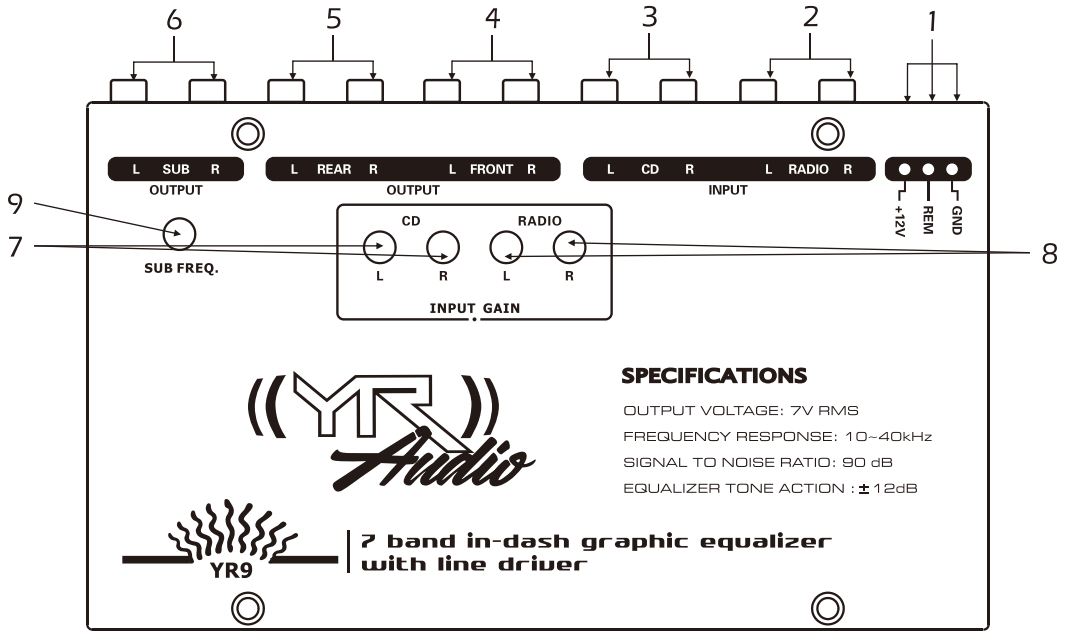
Surface mounting bracket.



Secure the bracket with the two 3mm x 6mm screws provided.

Adjustable slots for screws.





SPECIFICATIONS

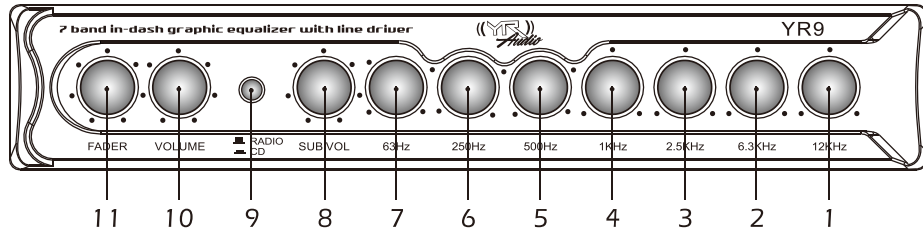
- OUTPUT VOLTAGE: 7V RMS
- FREQUENCY RESPONSE: 10-40kHz
- SIGNAL TO NOISE RATIO: 90 dB
- EQUALIZER TONE ACTION : ± 12dB



YR9 | 7 band in-dash graphic equalizer with line driver

Functions

- 1. POWER:** After connecting the Ground, Remote and Power wires, plug in the Power Lock connector here.
- 2. RADIO INPUT:** Gold plated RCA outputs. Plug in the RCA cables from the Radio source unit here.
- 3. CD INPUT:** Gold plated RCA inputs. Plug in the RCA cables from the CD Source unit here.
- 4. FRONT OUTPUT:** Gold plated RCA outputs. Plug in the RCA cables to your front channel amplifier here.
- 5. REAR OUTPUT:** Gold plated RCA outputs. Plug in the RCA cables to your rear channel amplifier here.
- 6. SUBWOOFER OUTPUT:** Gold plated RCA outputs. Plug in the RCA cables to your subwoofer amplifier here.
- 7. LEFT AND RIGHT GAIN CONTROLS FOR THE CD SOURCE:** Sets Left and Right input gain to match the output level from the source unit
- 8. LEFT AND RIGHT GAIN CONTROLS FOR THE RADIO SOURCE:** Sets Left and Right input gain to match the output level from the source unit.
- 9. SUBWOOFER FREQUENCY ADJUST**



Functions

- 1. 12KHz:** 12KHz Boost/cutcontrol.
- 2. 6.3KHz:** 6.3KHz Boost/cutcontrol.
- 3. 2.5KHz:** 2.5KHz Boost/cutcontrol.
- 4. 1KHz:** 1KHz Boost/cutcontrol.
- 5. 500Hz:** 500Hz Boost/cutcontrol.
- 6. 250Hz:** 250Hz Boost/cutcontrol.
- 7. 63Hz:** 63Hz Boost/cutcontrol.
- 8.SUB VOL:** Independent level control for subwoofer output.
- 9.INPUT SELECTOR SWITCH:** This switch selects the RADIO/ CD input.
- 10.VOLUME CONTROL:** LEAVE the source unit at 3/4 volume and use this Control as the master volume control.
- 11.FADER:** Controls the output level to front and rear.

OPERATION

1. When the Radio cassette or CD player connected to this unit is turned ON, the unit turns ON and the indicator lights up.
2. With the 4 speaker system, use the fader control to adjust the sound balance between the front and rear speakers.
3. Rotate the graphic equalizer controls to obtain the preferred sound quality.
4. Use the subwoofer output level control in the front to adjust the sound level heard from the subwoofer.

SPECIFICATIONS

1. 63Hz EQUALIZER FREQUENCY	63Hz
2. 250Hz EQUALIZER FREQUENCY	250Hz
3. 500Hz EQUALIZER FREQUENCY	500Hz
4. 1KHz EQUALIZER FREQUENCY	1KHz
5. 2.5KHz EQUALIZER FREQUENCY	2.5KHz
6. 6.3KHz EQUALIZER FREQUENCY	6.3KHz
7. 12KHz EQUALIZER FREQUENCY	12KHz
8. PARAMETRIC EQUALIZER RANGE	± 12 dB
9. S/N RATIO	80dB REF 1V INPUT
10. FREQUENCY RESPONSE	10 Hz-50 KHz ± 1 dB
11. MAXIMUM OUTPUT VOLTAGE	7V RMS
12. T.H.D.	0.05%
13. INPUT IMPEDANCE	20K Ohms
14. STEREO SEPARATION	80 dB/1KHz
15. OPERATION VOLTAGE	10--15 V DC NEGATIVE GROUND