

H I F O N I C S

WARRIOR
SERIES

| | |
|------------|---------|
| HGX62 | HGX62 |
| HGX52 (cx) | HGX5.2C |
| HGX42 (cx) | HGX693 |



Speaker
Owners/Installation Manual

HIFONICS WARRIOR SERIES FULL RANGE CAR AUDIO

SPEAKER SYSTEM

Congratulations on your purchase of Hifonics Warrior Series speaker system. As with all high quality high car audio equipment, professional installation from an authorized Hifonics dealer is recommended. Your dealers knowledge and experience can ensure a problem free, cosmetically integrated installation. If you plan on installing the speakers yourself, please review the entire manual carefully. There are plenty of things that can cause damage and sonic imperfection to your new speakers.

SPEAKER LOCATION AND MOUNTING TIPS

The first step is thorough planning.

Choose a location for your speaker components carefully.

Follow these suggestions to ensure proper imaging and maximum performance: Choose a location that offers the least amount of obstruction between the components and your ears.

2. Try to mount the speakers on the same plane. That is, they should be at the same height and directly across from each other. Do not mount one speaker higher, lower, further forward or further back from the opposite speaker.

3. In the case of component speakers with separate mid range and tweeter elements, the tweeter should always be with-in one (1') foot of the mid range speaker.

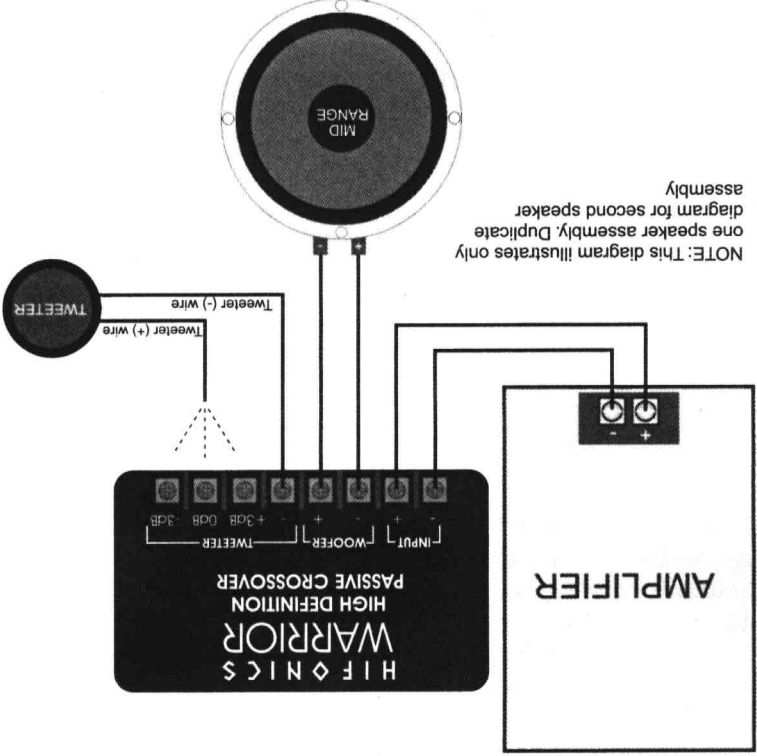
4. Always check behind the chosen mounting locations to ensure that there is proper clearance for the back of the speakers and avoid obstructions such as window tracks, wire harnesses, gas tank etc....

5. The tweeters in both components and coaxials can be swiveled to face the driver.

- The Warrior coaxial or component mid range speakers can be mounted on the front or back of a panel such as the door panel.
- The bolt hole configuration will work with a variety of American, European and Asian OEM patterns.
- Maximum performance is achieved when the speaker is securely mounted to a door panel or rear speaker deck.
- There should be no gaps between the speaker basket and the mounting surface.

WARRIOR SERIES FULL RANGE CAR AUDIO SPEAKER SPECIFICATIONS

H I F O N I C S



NOTE: The Warrior component speaker system allows for a variety of component locations which allows you to choose 0dB, -3dB, or +3dB for the tweeter level control. 0dB is the common choice for standard installation.

| Model | Description | Power Handling | Sensitivity | Impedance | Frequency Response | Mounting Depth |
|---------|---------------------------------|----------------|-------------|-----------|--------------------|----------------|
| HCX42 | 4" Coaxial Speaker System | 120 Watts | 90dB | 4 ohms | 90Hz - 20KHz | 1.88" |
| HCX52 | 5" Coaxial Speaker System | 140 Watts | 90dB | 4 ohms | 60Hz - 20KHz | 2.12" |
| HCX62 | 6" Coaxial Speaker System | 180 Watts | 90dB | 4 ohms | 60Hz - 20KHz | 2.40" |
| HCX462 | 4" x 6" Coaxial Speaker System | 120 Watts | 90dB | 4 ohms | 50Hz - 20KHz | 1.96" |
| HCX693 | 6" x 9" Triaxial Speaker System | 250 Watts | 90dB | 4 ohms | 40Hz - 20KHz | 3.58" |
| HCX830 | 8" Triaxial Speaker System | 200 Watts | 89dB | 4 ohms | 36Hz - 20KHz | 3.18" |
| HCX5 2C | 5.25" Component Speaker System | 160 Watts | 92dB | 4 ohms | 50Hz - 20KHz | 2.71" |
| HCX6 2C | 6.5" Component Speaker System | 200 Watts | 92dB | 4 ohms | 50Hz - 20KHz | 2.99" |