

602m, 6902m
instructions

Thank you for purchasing Infinity's marine multi-element loudspeakers. We've organized this manual to make your installation as simple and trouble-free as possible. Please read it thoroughly before proceeding. Remember to keep your sales receipt with this manual in a safe place so both are available for future reference.

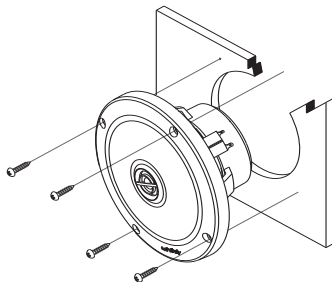
 Infinity®

IMPORTANT: Installation of stereo components can require extensive experience with a variety of mechanical and electrical procedures. Although these instructions explain how to install marine speakers in a general sense, they do not show the exact installation method for your particular application. If you feel you do not have the experience, do not attempt the installation yourself, but instead ask your authorized Infinity marine audio dealer about professional installation options.

WARNING: Playing loud music in a marine environment can permanently damage your hearing, as well as hinder your ability to hear boating traffic. The maximum volume levels achievable with Infinity speakers, combined with high power amplification, may exceed safe levels for extended listening. Infinity accepts no liability for hearing loss, bodily injury or property damage as a result of use or misuse of this product.

INSTALLATION

Figure 1.
Mounting the 602m and 6902m.



INSTALLATION WARNINGS AND TIPS

- Always wear protective eyewear when using any tools.
- Turn off all audio components and other electrical devices before you start. Disconnect the (-) negative battery lead.
- Keep speakers in their package until final installation. When moving a speaker, always rest it with the cone or dome facing up. Never use force to install any speaker.
- Check clearances on both sides of a planned mounting surface before drilling any holes or installing any screws. Remember that the screws can extend behind the surface.
- At the installation sites, locate and make a note of all fuel lines, hydraulic lines, vacuum lines and electrical wiring. Use extreme caution when cutting or drilling in and around these areas.
- Before drilling or cutting holes, use a utility knife to remove unwanted fabric or vinyl, to keep material from snagging in a drill bit or saw.
- The stainless-steel hardware provided with your marine speakers has been chosen to resist rust and corrosion.

A NOTE ON POWER HANDLING

Marine speakers are designed to produce reasonable volume levels with little amplifier power. However, the addition of an amplifier to drive your speakers and a subwoofer will enhance the dynamic range of your system, and help overcome ambient noise. Marine speakers are designed to handle the power of a dedicated amplifier driven at or below its rated power. If an amplifier is driven far above its rated power, the output signal will “clip,” and the additional power present in a clipped signal can damage any speaker. Distorted or “fuzzy” sound from your speakers is an indication that the amplifier has exceeded its rated power, and you should reduce the volume level.

GENERAL CARE

The loudspeaker grilles may be cleaned with a damp cloth. Do not use any cleaners or solvents on the grilles or the speaker cones.

SPECIFICATIONS

602m

Type: 6-1/2" 2-Way
Speaker Impedance: 4 ohms
Power Handling: 75W RMS, 225W Peak
Frequency Response: 50Hz ~ 21kHz
Sensitivity: 91dB @ 2.83V, 1m
Mounting Depth, Drop-in: 2-9/16" (65mm)
Cutout Diameter: 5-1/16" (129mm)

6902m

Type: 6" x 9" 2-Way
Speaker Impedance: 4 ohms
Power Handling: 100W RMS, 300W Peak
Frequency Response: 37Hz ~ 21kHz
Sensitivity: 91dB @ 2.83V, 1m
Mounting Depth, Drop-in: 3-1/8" (80mm)
Cutout Diameter: 6" x 8-3/4"
(153mm x 223mm)

Features, specifications and appearance are subject to change without notice.



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Declaration of Conformity



We, Harman Consumer Group International
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declare in own responsibility that the products
described in this owner's manual are in compliance
with technical standards:

EN 61000-6-3:2001
EN 61000-6-1:2001

Klaus Leberz
Harman Consumer
Group International
Chateau-du-Loir, France 12/04