REISS



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MTW8051

8" 2-Way Marine Speaker

400 W
PEAK POWER

UV IPX4 MARINE GRADE KSV VOICE COIL P CONE POLY INJECTION RUBBER SURROUND

REİS ELEKTRONİK SANAYİ VE TİCARET A.Ş
İstoç Toptancılar Sitesi 15. Ada No:1-3-5-7
Mahmutbey Bağcılar / İstanbul - TÜRKİYE

Safety measures

1. This manual contains important instructions for use and care. Save the instruction manual for future reference.

2. Do not place the speakers on an uneven surface, or in places where the temperature is abnormal.

3. Before attaching and connecting the wires, make sure that the wire from the negative terminal (-) of the batteryis disconnected, Failure to do so may result in a short circuit or fire.

4. To prevent a short circuit, never place or leave any metallic objects (such as coins or metal tools) inside thespeaker system.

5. Make sure the speaker wire terminals are connected to the appropriate output terminals of a marine

amplifier/head unit.

6. Never run electrical wiring outside or under the boat where it could be damaged. When installing speakers tomask and protect electrical wiring, use pre-arranged locations such as thresholds and panels.

7. When connecting the wire terminal, make sure that the wire from the negative terminal (-) of the battery isdisconnected. Check all connections and make sure the connections are correct to ensure perfect speaker systemperformance.

8. Avoid prolonged excess of the rated power of the audio signal supplied to the loudspeakers.

9. Keep cassettes, watches, or credit cards with a magnetic code near the speakers, as they may be damaged bythe magnets contained in the speakers.

10. Ifyou cannot find a suitable place to install your speakers yourself, please consult your nearest dealer for advice.

WARNING: Observe safety precautions when working around the fuel tank, gas lines, hydraulic lines and electrical lines.

installing the speaker system

WARNING -Consult a qualified expert for the marine speaker installation.

Speaker installation kits are available from your dealer or local car audio store. These kits will help you to installyour speakers more easily, For auestions about speaker installation methods, please contact professional marineequipment dealers.

Select a location for the speaker system. Most speakers willfit in the boat's designated locations. in this case.you only need to know the installation depth. Before installing the speakers, check their mounting depth.if you choose a non-standard speaker layout that requires you to cut them into the boat's panels, use a template(not included). To achieve the ideal speaker position, pay attention to the geometry of the template, asdimensional accuracy affects the quality of the speaker installation.

If the metal body of the vessel passes under the decorative panel, then you need to proceed as follows to installthe speaker system:

- remove the decorative panel;
- cut out the seat according to the template
- on the metal case, mark the holes for mounting the fixing screws;
- drill holes for the fixing screws.

After the holes are cut out, check the installation site for uneven surfaces and edaes, Sand surfaces that mayinterfere with speakerinstallation.

Remove any metal shavings from the speaker mounting location and check for voids where water can enter.

Protective grill installation

· Install the speaker system in the prepared locations and check once again that its location is correct.

· The speaker kit includes clamps that must be placed on the surface of the boat's hull and line up with thepreviously drilled holes. Locate the clamps where the holes are driled,install the speaker so that the screw holes init and in the surface of the boat match, fix the speaker with screws and make sure that the frame of the speaker isnot deformed.

· Turn on the device at minimum volume and check that the speakers are working. After that, you can set thedesired volume level.

Recommendations forthe speaker system usage

The service life of speaker system is largely depends on the correct choice of amplifier, settings and speakersystem design. It is necessary to choose an amplifier with a rated power not exceeding the rated power of thespeakers. Proper matching of a marine head unit with a marine amplifier wil allow you to get a clean, undistortedsianal fed to the speakers, which will prevent overheating and failure of the speaker's voice coi.Like a new car that just rolled offthe assembly line, a speaker that has just been taken out of the box needs a"break-in" in other words it needs warming up, Elements of the dynamic system of the speaker cannot immediatelstart working at the reguired level, just like an athlete cannot show a decent result without a preliminary warm-upit takes a certain time before the voice coil centering washer and cone surround have the appropriate flexibilityand elasticity to perform adeauately, A new speaker recuires 70-100 hours of warm-up at 30% power. Of course. thenumbers are indicative. If during the operation of speaker system at high volume you feel a funny smel, it isnecessary to reduce volume and let the speaker cool down at a low volume. Recommended settings for a marinehead unit and amplifier: the volume level of the marine head unit is no more than 80%. filter LPF set to 70-80Hz,bass boost -0.Amplifier sensitivity set at 50%.

Specification:

· 8" 2-Way Marine Speaker
· Black plastic basket
· White injection pp cone with rubber edge
· 1.5"(38mm) Kapton voice coil
· 30oz High density flux ferrite
· Impedance: 4Ω
· Rated power: 200W
· Max.power: 400W
· Frequency response: 50～20KHZ
· Sensitivity: 90dB
· Tweeter: PEN cone/Neodymium magnet/1" Voice coil/Impedance:4Ω
· Integrated LED dome light
· RGB accent lights with 12 color mode
· LED Operating Voltage:12V

Speakerdimensions

