


MAC AUDIO 112 P Ice Cube



MAC AUDIO 112 P Ice Cube Owner's Manual

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MAC AUDIO 112 P Ice Cube



Product Information

Technical Data

- **Product Name:** ICE CUBE 112 P
- **Model Number:** ICE CUBE 108 P
- **Manufacturer:** MAC AUDIO

Product Usage Instructions

Placement and Securing of the Subwoofers

1. Ensure that the subwoofer cabinet rests on an even surface.
2. Do not place the cones (and bass reflex tube, if applicable) directly against the car's interior walls.
3. Secure the subwoofer in a way that it cannot slip or slide.
4. Note that damage resulting from sudden speed changes (e.g. hard braking) is not covered under the guarantee.

Connecting to the Power Amplifier (Figure 1)

1. Connect the subwoofer to an external power amplifier.
2. The power amplifier will provide the required electrical power and dynamic reserves.
3. Refer to the relevant instructions for a customized connection diagram for subwoofer operation.
4. Observe the maximum power value that can be output by the remote control line.
5. If the maximum power value is not sufficient, you may need to add an electronic relay connection.
6. It is recommended to have the installation carried out by a qualified auto-electrician.

Connecting the Illumination (Figure 1)

1. Connect the +12V terminal of the subwoofer light to the +12V electrical circuit in your car.
2. Connect the negative terminal of the subwoofer light to the vehicle chassis.
3. Use a cable fuse (500 mA slow-blow) to connect the +12V terminal to the positive cable on the vehicle's electrical wiring system.
4. Do not connect the light permanently to the battery to avoid battery discharge.
5. If using a separate switch connected to the battery, remember to switch off the light when leaving the vehicle.

FAQ (Frequently Asked Questions)

• **Q: Can I place the subwoofer directly against the car's interior walls?**

A: No, it is important to avoid direct contact between the subwoofer cones (and bass reflex tube, if applicable) and the car's interior walls.

• **Q: Can I connect the subwoofer directly to the car's electrical wiring system?**

A: No, it is recommended to connect the subwoofer to an external power amplifier for optimum performance.

• **Q: Can I leave the subwoofer light connected to the battery all the time?**

A: No, leaving the light permanently connected to the battery may cause battery discharge. It is recommended to use a separate switch and turn off the light when leaving the vehicle.

At the end of the product's useful life, please dispose of it at the appropriate collection points provided in your country.

DEAR CUSTOMER,

We congratulate you on acquiring this MAC AUDIO Car Stereo Product. Please read these instructions carefully to ensure optimum and disturbance-free functioning of the appliance. Technical modifications reserved.

POSITIONING AND SECURING THE SUBWOOFERS

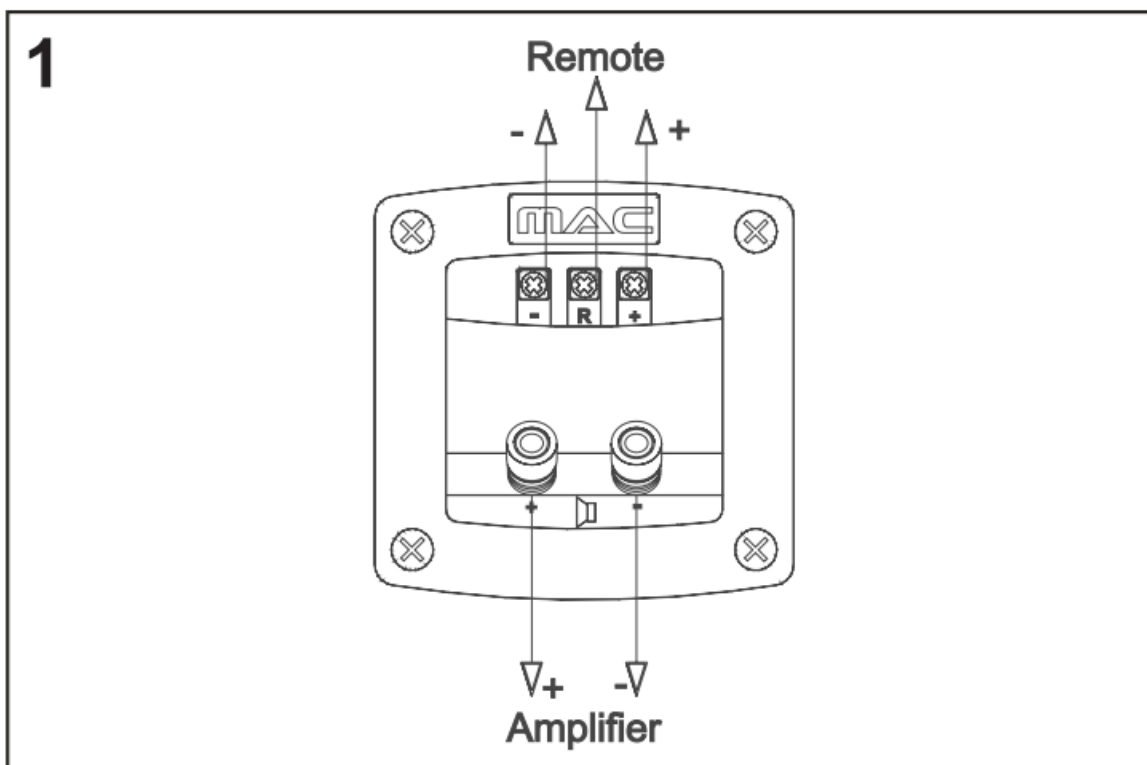
IMPORTANT: Please ensure when fitting illuminated components that for purposes of traffic safety while driving no light shines outside the vehicle which could hurt other road users.

Ensure that the subwoofer cabinet rests on an even surface. The cones (and, where applicable, the bass reflex tube) should not be placed directly against the car's interior walls. Make sure that the subwoofer is secured in such a way that it cannot slip or slide. Damage resulting from sudden speed changes (e.g. hard braking) is not covered under the terms of our guarantee.

CONNECTING

CONNECTING TO THE POWER AMPLIFIER (FIG. 1)

The subwoofer should be connected to an external power amplifier in every case. This can provide the required electrical power and create corresponding dynamic reserves. The relevant instructions also contain the customized connection diagram for the operation of a subwoofer.



CONNECTING THE ILLUMINATION (FIGURE 1)

Important, please read carefully.

Connect the +12 v terminal to the +12 v electrical circuit in your car. The +12 v terminal of the subwoofer light (fig. 1, right screw terminal) must be connected to the positive cable on the vehicle's electrical wiring system via a cable fuse (500 mA slow-blow, precise specification: T500mAL 250 volt, fuse and fuse holder not supplied).

Now connect the car hi-fi receiver's remote control connection to the amplifier's REM control jack on the terminal (Fig. 1, middle terminal screw). A cable with a cross-section of 0.75 mm² is sufficient for connecting the amplifier's REMOTE connection to the control device. The maximum power value that can be output by the remote control line must be observed. If this is not sufficient, an electronic relay connection must be added. It is therefore advisable to have the installation carried out by a qualified auto-electrician, especially if you are not familiar with the electrical wiring system on your vehicle. The negative terminal of the subwoofer light (Fig. 1, left terminal screw) must be connected conductively to the vehicle chassis. Fuse, fuse holder (cable fuse), relay connection and switch are available from specialist dealers.

N.B.! On no account may the light remain permanently connected to the battery, as the battery will otherwise discharge within a few days. When using a separate switch connected to the battery, the light must be switched off when leaving the vehicle.

CABLES TO BE USED

To transport the output from the amplifier to the subwoofer efficiently and reliably, you should bear in mind when selecting the speaker cable that 2 x 4 mm² gauge wiring is required for cable lengths in excess of 3 meters. 2 x 2.5 mm² cable is sufficient for shorter runs. Lay the cable in such a way that short-circuiting cannot occur, i.e. the cable may at no time be jammed between metal parts. Make sure that terminals on the speaker are screwed tight and check their contact at regular intervals.

SUBWOOFER POLARITY

Because of the different spatial conditions prevailing in different vehicles, subwoofer polarity can best be determined by trial and error. To do this, choose some music material you know very well and select the setting you like most. Some radios / control units also offer the possibility of setting the polarity on the appliance itself (phase). One change in polarity corresponds to a phase shift of 180 degrees.

TECHNICAL DATA

Ice Cube 112 P

- Load capacity: 400 / 1200 W
- Impedance (nominal): 4 Ω
- Frequency range: 20 – 500 Hz
- Response: 92 dB
- Dimensions (WxHxD): 485 x 370 x 350/450 mm
- Weight: 17 kg

Ice Cube 108 P

- Load capacity: 250 / 800 W
- Impedance (nominal): 4 Ω
- Frequency range: 23 – 500 Hz
- Response: 89 dB
- Dimensions (WxHxD): 370 x 280 x 275/315 mm
- Weight: 9 kg

GUARANTEE

Congratulations!

You have made a wise selection in becoming the owner of MAC AUDIO HiFi equipment. Due to high quality MAC AUDIO HiFi products have earned an excellent reputation throughout the Western world. This high-quality standard enables us to grant a 3-year warranty for MAC AUDIO HiFi products. The equipment is checked and tested continuously during the entire production process. In case you have problems with your MAC AUDIO HiFi equipment, kindly observe the following:

1. The guarantee period commences with the purchase of the component and applies only to the original owner.
2. During the guarantee period, we will rectify any defects due to faulty material or workmanship by replacing or repairing the defective part at our discretion. Further claims, and in particular those for the price reduction, cancellation of the sale, compensation for damages, or subsequential damages, are excluded. The guarantee period is not altered by the fact that we have carried out guarantee work.
3. Unauthorized tampering with the equipment will invalidate this guarantee.
4. Consult your authorized dealer first, if guarantee service is needed. Should it prove necessary to return the component to the factory, please ensure that
 - the component is packed in original factory packing in good condition
 - the quality control card has been filled out and enclosed with the component
 - You enclose your receipt as proof of purchase.
5. **Excluded from the guarantee are:**
 - Illuminates
 - Wear parts
 - Shipping damages, either readily apparent or concealed (claims for such damages must be lodged immediately with the forwarding agent, the railway express office, or the post office).
 - Scratches in cases, metal components, front panels, etc. (You must notify your dealer directly of such defects within three days of purchase.)

- Defects caused by incorrect installation or connection, operation errors (see operating instructions), overloading, or by an external force.
- Equipment that has been repaired incorrectly or modified or where the case has been opened by persons other than us.
- Consequential damages to other equipment.
- Reimbursement of costs, without our prior consent, when repairing damages by third parties.

Warranty Card

- Type
- Serial-No.
- Name and address of the dealer/stamp

Customer

- Name
- Street
- City
- Country
- buying date


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Documents / Resources

	<p>MAC AUDIO 112 P Ice Cube [pdf] Owner's Manual 112 P Ice Cube, 112 P, Ice Cube, Cube</p>
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References

- **M** [Mac Audio Onlineshop](#)
-  [Manual-Hub.com - Free PDF manuals!](#)
- [User Manual](#)

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