

CARVER

Cinema 5.1 Center Speaker



Owner's Manual

Cinema 5.1 Center

Unpacking

Carefully unpack your speaker and keep the original carton and packing materials for future moving, shipping, or long-term storage. It is also important to save your sales receipt and keep it in a safe place. Write down the serial number in the space provided below.

The speaker should reach you in perfect condition. If you notice any shipping damage, contact your Carver dealer immediately.

Please take a moment to fill out the enclosed customer response card and return it to Carver. This provides us with important information from our valued customers.

Model: _____

Serial Number: _____

Purchased at: _____

Date: _____

Care

Wipe off the speaker occasionally with a soft, dry cloth. Furniture polishes and waxes are not recommended because they can damage the cloth speaker covering.

Features

- 5.5" long excursion bass/midrange with an inverted co-polymer cone for smooth midrange response
- 1" treated silk dome tweeter with ferro-fluid for increased dynamic range
- Proprietary, European drivers
- Video shielded (the magnets will not affect the TV picture)
- High quality, multi-element crossover design for correct phase and frequency response
- High stiffness multi-fiber cabinet for reducing unwanted acoustical vibrations.

Specifications

Frequency Response	60Hz - 21kHz
Sensitivity	88 dB
Nominal impedance	4 ohms
Power Requirements	50 - 350 Watts
Bass/Midrange driver	one 5.5"
Tweeter	one 1"
Dimensions (WxDxH)	17.5" x 7.75" x 7"
	445 x 197 x 178 mm
Weight	17 lbs, 7.7 kg

Speaker Wires

Use high quality wire for speaker connections. For longer runs, use heavier gauge wire. The following chart will be helpful in determining which gauge wire should be selected.

Wire Length	Wire Gauge
Up to 25 ft	16 gauge
25 to 40 ft.	14 gauge
40 to 60 ft.	12 gauge
60 to 100 ft	10 gauge

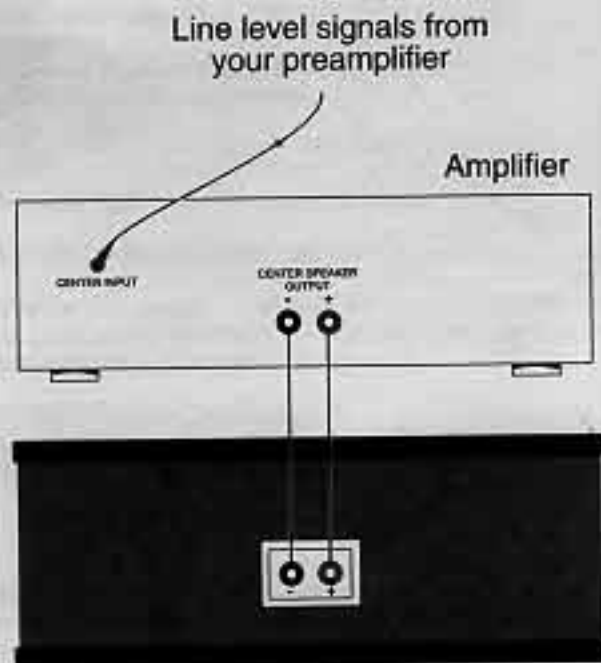
To prevent any electrical interference, try not to run speaker wires close to AC lines or sockets.

Speaker Phasing

While there is only one center speaker, it is still very important to connect the Red output terminal of the amplifier to the Red terminal of the speaker and the Black output terminal of the amplifier to the Black terminal of the speaker (see illustration below).

Taking the time to assure that the polarity is correct will allow the center channel speaker to play "in phase" with the other speakers in the system and help to prevent any unwanted distortions or degradation in the sound quality.

NOTE: If you have surround system with a selectable center mode, we recommend that you use the "NORMAL" setting so that lower frequencies will be redirected to the left and right speakers.



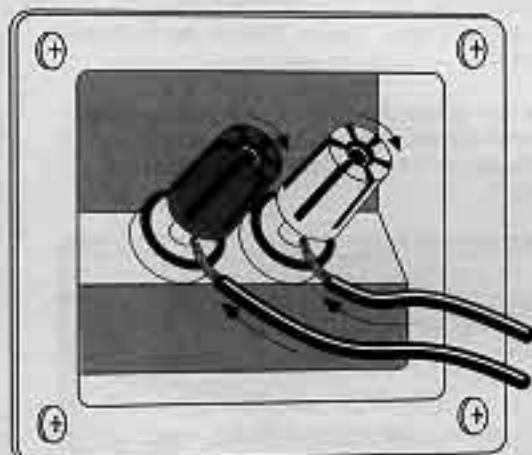
Cinema 5.1 Center

Connections

The speaker terminals are designed to accept bare speaker wires or standard banana plugs.

Bare wire connections :

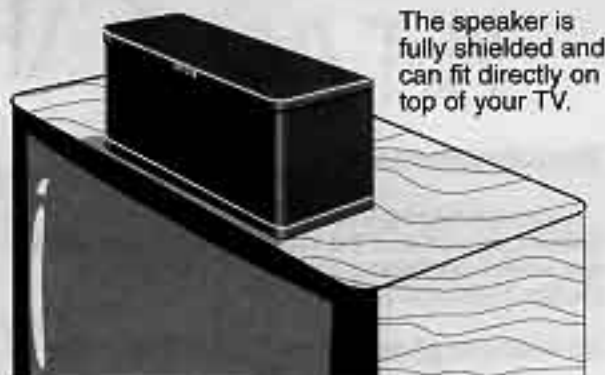
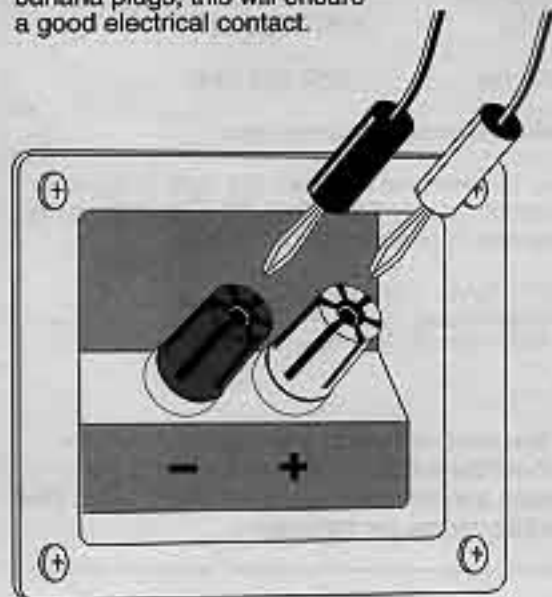
1. Strip 1/2" of insulation off each wire and carefully twist all the fine strands together. If even one strand is loose and touches the opposite terminal, a short circuit will result.
2. Unscrew the terminals and insert the wire. Tighten the connection down onto the wire (finger tight only, DO NOT use a wrench).



Banana plug connections :

These make connecting and disconnecting the speaker simple and quick.

1. Make sure that the outer terminal is completely screwed down before plugging in the banana plugs, this will ensure a good electrical contact.

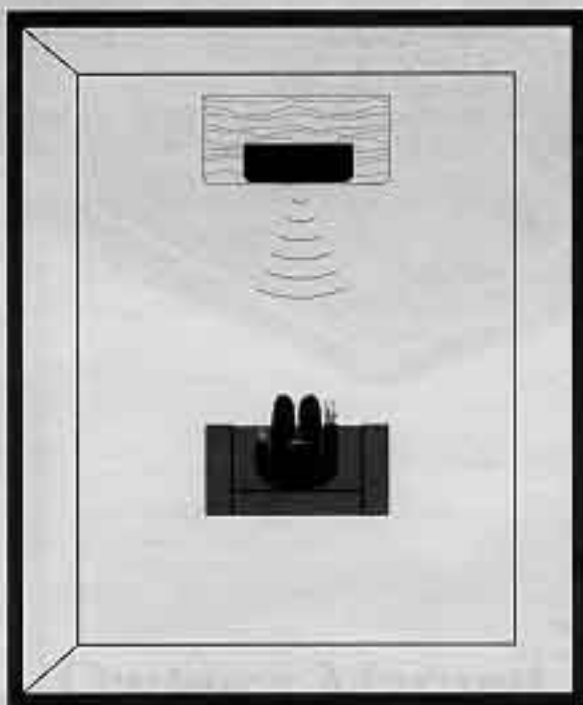


The speaker is fully shielded and can fit directly on top of your TV.

Placement

The center speaker produces most movie dialogue and focuses listener attention towards the center of the picture screen. For this reason, careful and accurate positioning of the center speaker is very important. Please follow the recommendations listed below .

1. Position the front face of the speaker so it is close to the front edge of the TV cabinet. This prevents sound waves from reflecting off of the TV cabinet and causing distortion.
2. The center speaker can sit on top, or directly underneath the TV as long as it is located on the centerline and not off to one side of the screen or room.
3. If possible, keep the center speaker height close to that of the left and right speakers, within two feet.



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Troubleshooting

If you are having trouble with your speaker system, try some of the following troubleshooting tips before contacting your Carver Dealer or Carver Technical Support.

No sound in all speakers

Check speaker wire connections and inspect wire for damage.

Check preamp or receiver to make sure proper source unit is selected (CD, TAPE etc.).

Make sure that all preamplifier controls, especially the tape monitor button, are correctly set. (A tape monitor button accidentally pushed in is a frequent cause of total silence.)

Sound cuts off when the volume is turned up.

Check the speaker wires for a short. (bare wire from + connector touching - connector.)

Check speaker for damage that may have caused an internal short.

No sound from the center speaker

Check the speaker wires to make sure no shorts have occurred.

Check receiver or preamplifier and make sure that it is operating in Dolby Pro Logic mode with center channel engaged. There will be no sound from the center speaker if the preamp is in the "Phantom" center mode.

Make sure a Dolby surround source is playing.

Service

We suggest that you read the LIMITED WARRANTY completely to fully understand your warranty/service coverage. Also be sure to save the sales receipt in a safe place. It will be necessary for warranty service.

If your speakers should require service, we suggest you contact the Dealer from whom you purchased your unit. Should the Dealer be unable to take care of your needs, please contact us at the Factory.

Have the model number and serial number ready and we will then give you detailed instructions on how to obtain prompt repair service.

Factory Address
Carver Corporation
P.O. Box 137
Woodinville, WA
98072-0137

Main Telephone (425) 482 3400

Technical support 1 800 521 4333

(toll-free number if you are calling from within the USA or Canada)

Main Fax (425) 482 3401

Service fax (425) 482 3442

E-mail Custservice@carver.com

Carver Corporation reserves the right to improve its products at any time. Therefore, specifications are subject to change without notice.

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If you have access to the Internet, you can check out the full line of Carver products and company announcements on our World Wide Web page (<http://www.carver.com>).