



JBL

control[®]

Owner's Manual

Control Series
Compact Monitors

thank you for choosing JBL. For over 50 years, JBL has been involved in every aspect of musical and film recording and reproduction, from live performances to monitoring the recordings you play in your home, car, or office.

We're confident that the **JBL loudspeakers** you have chosen will provide every note of enjoyment that you expected – and that when you think about purchasing additional audio equipment for your home, car, or office, you will once again choose JBL.

Please take a moment to complete the enclosed profile card. It enables us to keep you posted on our latest advancements, and helps us to better understand our customers and build products that meet their needs and expectations.

JBL Consumer Products

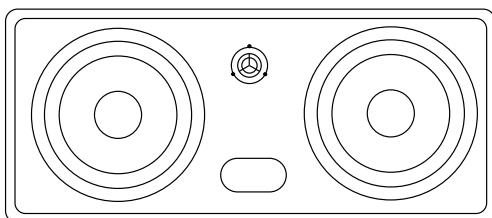
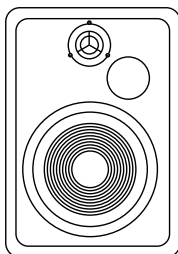
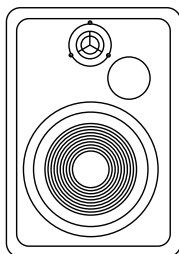
read first! Before You Begin.

included

CM42, CM52,

CM40AW, CM42AW, CM52AW

CM Center



features

- Rugged, high-impact molded plastic cabinet
- Built-in wall-mount brackets (except CM Center)
- Video-shielded (excludes all-weather models)

- Optional adjustable wall/ceiling-mount brackets available:

MTC40, MTC40WHT (white) –
for models
CM42, CM52,
CM40AW, CM42AW,
CM52AW

note for all-weather models

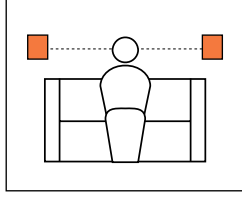
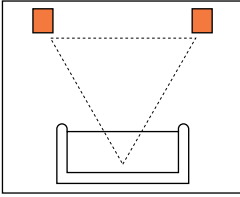
While the CM40AW, 42AW, and 52AW are weather-resistant, they are not designed to be immersed in water. Be selective in your outdoor placement. Placing

these speakers under roof eaves or a patio awning will offer a slight shelter and help contribute to years of trouble-free performance. When installed outdoors, the

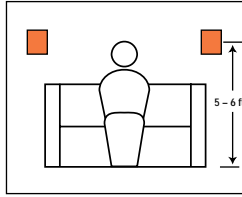
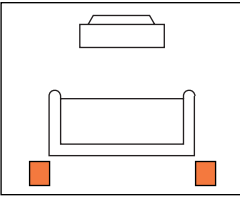
speakers should be angled down slightly, using the optional MTC40 mounting brackets.

one. Speaker Placement

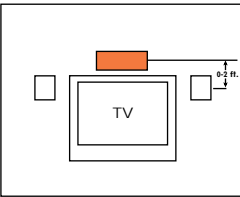
As front speakers



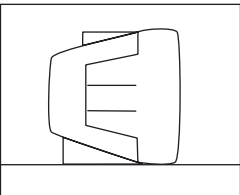
As rear speakers



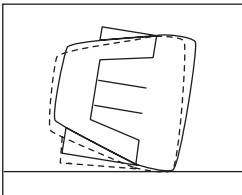
CM Center



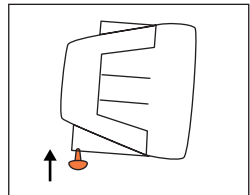
The CM Center includes two sets of feet. This gives you a total of three different options to properly direct the sound toward your listening position.



1. For a slight downward angle, do not use either set of included feet.



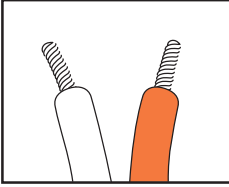
2. To increase the downward angle, choose one of the sets of feet to install.



3. Insert the pin of the selected foot into the hole in the rubber section on the bottom of the speaker.

two. Speaker Connections

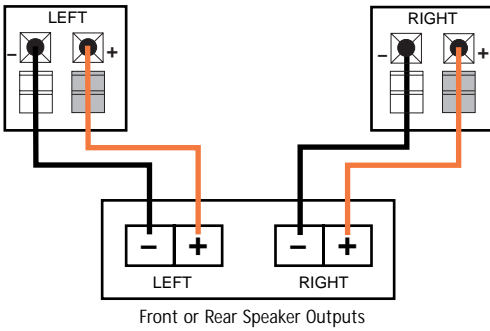
Connection Tips



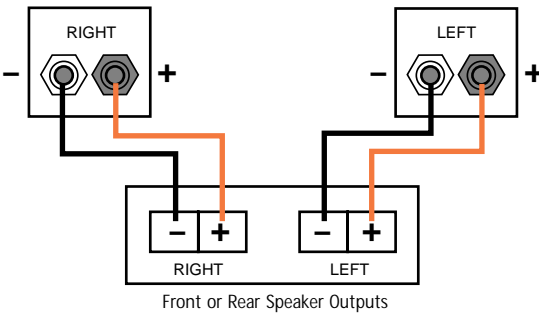
Speakers and electronics terminals have corresponding (+) and (-) terminals. It is important to connect both speakers identically: (+) on the speaker to (+) on the

amplifier and (-) on the speaker to (-) on the amplifier. Wiring “out of phase” results in thin sound, weak bass and a poor stereo image.

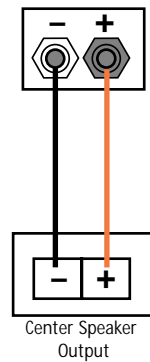
CM40, CM42, CM40AW, CM42AW



CM52, CM62, CM52AW

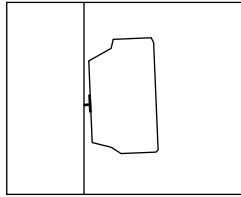
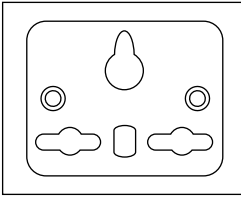


CM Center

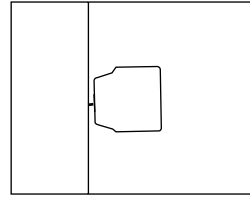


three. Wall Mounting

CM40AW, CM42, CM42AW, CM52, CM52AW



Vertical



Horizontal

The Control Series Speakers may be wall mounted. The customer is responsible for proper selection and use of mounting hardware, available through hardware

stores, to properly and safely wall mount the speakers. This product is not intended for ceiling mounting. Optional adjustable wall/ceiling-mount brackets are

available from JBL. Contact your dealer or call 800-336-4JBL for a dealer near you.

Troubleshooting

If there is no sound from any of the speakers, check the following:

- Receiver/amplifier is on and a source is playing.
- Review proper operation of your receiver/amplifier.

If there is no sound coming from one speaker, check the following:

- Check the "Balance" control on your receiver/amplifier.
- Check all wires and connections between receiver/amplifier and speakers.

- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut, or punctured.

If the system plays at low volumes but shuts off as volume is increased, check the following:

- Check all wires and connections between receiver/amplifier and speakers.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut, or punctured.

- If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier.

If there is low bass output, check the following:

- Make sure the polarity (+ and -) of the left and right "Speaker Inputs" are connected properly.

Specifications

| | CM40AW | CM42, CM42AW | CM52, CM52AW | CM Center |
|--------------------------------------|--------------------------------------|--------------------------------------|--|--|
| High-Frequency Driver | 4" | 1/2" Titanium Dome | 1/2" Titanium Dome | 1/2" Titanium Dome |
| Low-Frequency Driver | Full-Range Driver | 4" Poly-Laminate Cone | 5-1/4" Poly-Laminate Cone | Dual 4" Poly-Laminate Cone |
| Crossover Frequency | | 4kHz | 4kHz | 3.5kHz |
| Frequency Response | 70Hz – 16kHz | 60Hz – 20kHz | 50Hz – 20kHz | 90Hz – 20kHz |
| Sensitivity | 87dB | 88dB | 89dB | 88dB |
| Nominal Impedance | 6 Ohms | 6 Ohms | 6 Ohms | 8 Ohms |
| Recommended Amplifier Power Range | 10 – 75 Watts | 10 – 80 Watts | 10 – 100 Watts | 10 – 100 Watts |
| Dimensions (H x W x D) | 10 x 5-3/4 x 4" 254 x 147 x 102mm | 10 x 5-3/4 x 4" 254 x 147 x 102mm | 10-1/4 x 6-3/4 x 6-1/2" 260 x 171 x 165mm | 6-1/4 x 13-3/4 x 6-3/4" 159 x 349 x 171mm |
| Weight (each) | 6 lbs/2.7 kg | 6 lbs/2.7 kg | 8 lbs/3.6 kg | 10 lbs/4.5 kg |

Notice to Purchaser: JBL assumes no responsibility or liability for injuries or property damage — direct, indirect, or consequential — resulting from the improper installation of Control loudspeakers.




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Declaration of Conformity



We, JBL Europe A/S
 Kongevejen 194B
 DK-3460 Birkerød
 DENMARK

declare in own responsibility, that the loudspeakers
 described in this owner's manual are in compliance
 with technical standards:
 EN 50 081-1/1992
 EN 50 082-1/3.1995


Steen Michaelsen
 JBL Europe A/S
 Birkerød, DENMARK, 6/97