



8-Ohm Operations Manual



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Thank you for purchasing an IntraSonic product. Our products are built to provide you with years of high quality sound.

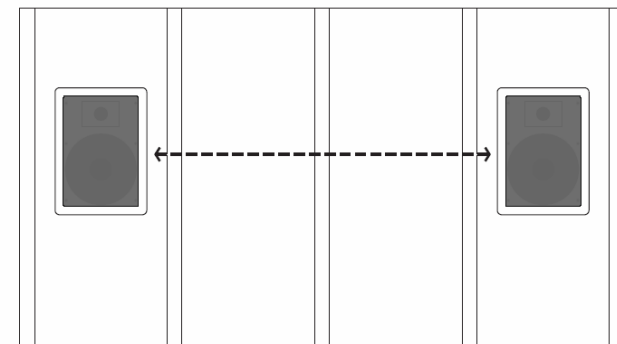
If you need assistance with the installation or operation of this product please contact our Customer Support team at 1-877-435-0670 for assistance. You can also get information on this and other IntraSonic products on our web site at www.intrasonictchnology.com.

Our efficient speakers are designed to provide a clear and pleasant sound for your enjoyment. All in-wall and ceiling speakers can be used for music distribution or home theater applications. Below are specifications for your convenience.

FEATURE	I30C	I30W	I100C	I100W
Watts/RMS	30	30	100	100
Overall Dimensions	9 1/2" Diameter	8 3/4" (W) x 12" (H)	10 3/4" Diameter	10" (W) x 14 1/4" (H)
Install Dimensions	7 1/2" Diameter	7 3/8" (W) X 10 3/4" (H)	9 1/4" Diameter	8 7/8" (W) X 12 7/8" (H)
Mounting	Dog-eared	Dog-eared	Dog-eared	Dog-eared
Grill	Metal	Metal	Metal	Metal
Color	White	White	White	White
Magnet Weight	10 oz	10 oz	13.3 oz	13.3 oz
Tweeter Type and Size	Mylar 13 mm	Mylar 13 mm	Laminated Alum PP 1"	Laminated Alum PP 1"
Cone Type and Size	Coated Paper	Coated Paper	Laminated PP	Laminated PP
Frequency	48 ~ 20 KHz	48 ~ 20 KHz	36 ~ 22 KHz	36 ~ 22 KHz
dB Sensitivity	88 dB	88 dB	89 dB	89 dB
Impedance	8	8	8	8
Bass and Treble Control	None	None	3 Position	3 Position
Sold	Pair	Pair	Pair	Pair

Location Of Speakers

All in-wall and ceiling speakers should be spaced between 6 to 8 feet apart. Keep at least 2 feet away from corners and avoid air return cavities. Do not install speakers in the same cavity with 120/240V appliances. Have at least 18 inches of separation from dimmer light fixtures, wiring for security systems and other control wiring.



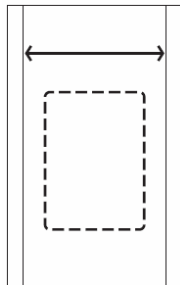
Pre-wire

Determine the locations of all in-wall and ceiling speakers. Run 16 gauge 2 conductor cables from your amp or distribution box to all locations and leave at least 16 inches of additional cable where the speaker will be installed. Secure the additional 16 inches wrapped around a nail. Make sure that you have all the speakers location documented.



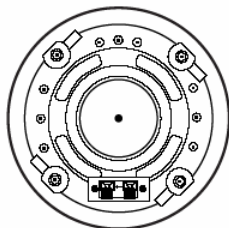
Cutout

Locate all speakers. At each location cut a hole to the dimensions shown for each model or use the template provided. All dimensions can be found on front page. Please make sure the cutouts are centered between studs. Strip off approximately 2 inches of outer jacket. Then strip 3/8 of an inch off the ends of the two conductors.



Install

Remove grill from the speaker. Attach red cable to positive on the speaker terminal and black cable to negative on the speaker terminal found on the back of speaker. Make sure that the black and red wires are not touching. This can cause your system to clip or damage your electronics. Insert the speaker into the wall and screw the tabs on the front. Make sure that the tabs are behind the sheetrock. Over tightening the screws can damage the dog-eared tabs.



Bass and treble controls

Only after the speaker has been installed you will hear its true quality of sound. After the speaker has been installed you are now ready to adjust the base and treble controls. This can be done with the db switch controls located on the speaker. Only I100C and I100W models have this feature.

Swivel Tweeter

Adjust the swivel tweeter only after the speaker has been installed. The tweeter is the small speaker located directly above the woofer on the speaker. By adjusting the swivel speaker you can pinpoint the direction of the sound. Press on the outer edge of the tweeter and turn to desired direction. Only I100C and I100W models have this feature.

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IntraSonic Technology 2 Year Limited Warranty

IntraSonic Technology warrants its products to be free of manufacturing defects for two years from the date of closing or actual installation. This warranty only applies to products purchased from authorized dealers or distributors. If proof of installation cannot be supplied, the manufacturing date code may be substituted. This warranty extends to the original user or subsequent owner of the product during the warranty term. IntraSonic Technology will replace or repair the product at its option at no charge with a rebuilt or new product. All products with manufacturing defects must be returned to IntraSonic Technology.

If an IntraSonic Technology product is determined to have a manufacturing defect, please call our toll free number (877-435-0670) before any attempt to dismantle or repair the product. Any attempt to dismantle or repair product will void the warranty.

A RMA (Return Material Authorization) will be required prior to returning a product to IntraSonic Technology. To obtain an RMA number, call our toll free number (877-435-0670) and speak with a customer service representative. All products returned to IntraSonic Technology without an RMA will be refused.

The limited and extended warranty is in lieu of any other warranties, expressed or implied and any other obligations or liability on the seller's part. The limited or extended warranty does not cover service calls, damage caused by improper installations, acts of god, or violation of building or electrical codes. Extended warranty cannot be purchased after the original warranty has passed or been voided.

IntraSonic Technology will not be liable for consequential, incidental or other damage arising in connection with use or inability to use this product. In no event shall IntraSonic Technology's liability hereunder exceed the cost of the product covered hereby. No person is authorized to assume for IntraSonic Technology or obligate IntraSonic Technology for any other liability in connection with the sale of this product. Some states do not allow the exclusion or limitation of consequential, incidental damage, so the above limitation or exclusion may not apply. This limited warranty gives you specific legal rights, and you may also have other rights, which may vary state to state.

Revision A