



SENSONIC[®]
by NuTone

Music Distribution and Home Theater Systems

SENSONIC[™]

NuTone's SENSONIC[®] speakers and accessories...

set the standard for sound quality and reliability. Every Sensonic[®] product is engineered for unsurpassed performance and is built with premium materials and components for the purest sound possible.

Sensonic[®] offers a broad range of products – In-wall, ceiling, surface mount, indoor, outdoor speakers, subwoofers, volume controls, rough-in frames and accessories for whole house music distribution and home theater application.

Sensonic[®] audio speakers can create mini-concert areas in any room or patio in a house, or they can transform an ordinary family room into a home-entertainment and home theater room.

Sensonic[®] speakers are backed by a 5-year warranty. Accessories are backed by a 2-year warranty.

Strongest Service Commitment

NuTone[®] backs every audio product with a long-term record of service to the building industry which dates back sixty years. This commitment offers knowledgeable, dedicated service from the NuTone sales team, and offers over 1000 NuTone[®] Service Centers nationwide.

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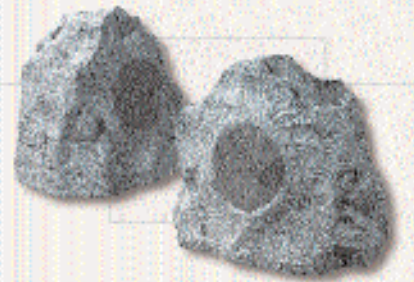
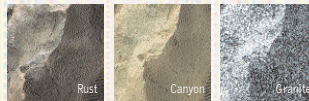
Weather Resistant and Specialty Speakers – PROFESSIONAL SERIES

Meets Electronics Industries Association (EIA), standards RS-426-A • Overload protected, 5-year warranty

SS326R, SS326C or SS326G **new**

6-1/2" Two-Way, Weather Resistant, Indoor/Outdoor Rock Speakers

- Frequency response: 45-20,000 Hz \pm 3dB
- Power handling capacity: 50 Watts RMS
- 6-1/2" Polypropylene cone woofer, 3/4" Titanium dome tweeters with Ferrofluid™ cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 87dB
- Overall dimensions: 13" H x 12" W x 8" D
- Color: Available in (R) Rust, (C) Canyon or (G) Granite



SS626DS **new**

6-1/2" Two-Way, Dual Voice Coil, Weather Resistant Ceiling Speaker with Switch

- Stereo sound from single speaker
- Frequency response: 40-23,000 Hz \pm 3dB
- Power handling capacity: 100 Watts RMS
- 6-1/2" Polypropylene cone woofer, 3/4" rotatable Titanium dome tweeter with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 89dB
- Overall dimensions: 8-7/8" Diameter x 2-13/16" Depth
- Patent pending design



SS628DS **new**

8" Two-Way, Dual Voice Coil, Weather Resistant Ceiling Speaker with Switch

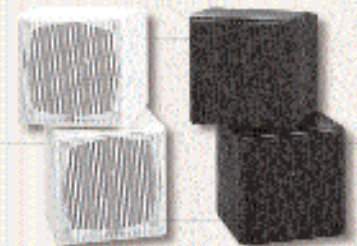
- Stereo sound from single speaker
- Frequency response: 40-23,000 Hz \pm 3dB
- Power handling capacity: 100 Watts RMS
- 8" Polypropylene cone woofer, twin 1/2" swivel Titanium dome tweeters with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 89dB
- Overall dimensions: 10-3/4" Diameter x 3-1/2" Depth
- Patent pending design



SS113WH or SS113BL **new**

2-1/2" Twin, Cube Speakers

- Frequency response: 120-20,000 Hz \pm 3dB
- Power handling capacity: 100 Watts RMS
- 2-1/2" wide range micro speakers
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- Overall dimensions: 3-1/4" H x 4-3/4" W x 6-3/4" D
- Magnetically shielded
- Cubes can be rotated independently
- Table, wall or ceiling mount
- Mounting brackets included
- Color: Available in (WH) White or (BL) Black



In-Wall Speakers – PROFESSIONAL SERIES

Three-piece, "dog eared" construction • No mounting (rough-in) frame required • Powerful, high-efficiency, Ferrofluid™ cooled Neodymium magnet 30° pivot, 360° Swivel Titanium dome tweeters • Meets Electronics Industries Association (EIA), standards RS-426-A • Overload protected, 5-year warranty

SS825 (sold in pairs)

5-1/4" Two-Way, In-Wall Speakers

- Frequency response: 60-20,000 Hz ± 3 dB
- Power handling capacity: 80 Watts RMS
- 5-1/4" Polypropylene cone woofer and two swivel, 1/2" Titanium dome tweeters with Ferrofluid™ cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- No rough-in required for existing construction. Rough-in IR885 (sold separately) is available for new construction
Wall cut out dimension: 9-5/8" H x 6-3/16" W. Overall dimensions: 11" H x 7-17/32" W x 2-1/2" D
- Paintable frame and grille. Color: White
- 3-piece construction (separate mounting frame, baffle and grille)
- Tweeter level control



SS826DS

6-1/2" Two-Way, Dual Voice Coil, Stereo Sound from Single Speaker, Weather Resistant In-Wall Speaker with Switch

- Frequency response: 55-21,000 Hz ± 3 dB
- Power handling capacity: 100 Watts RMS
- 6-1/2" Polypropylene cone woofer and two swivel, 3/4" Titanium dome tweeters with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- No rough-in required for existing construction. Rough-in IR886 (sold separately) is available for new construction.
Wall cut out dimension: 10-3/4" H x 7-3/8" W
Overall dimensions: 12-5/64" H x 8-21/32" W x 3-1/8" D
- Indoor/Outdoor (weather resistant), Aluminum grille, Stainless Steel hardware
- Paintable frame and grille. Color: White
- Patent pending design
- 3-piece construction (separate mounting frame, baffle and grille)



SS828 (sold in pairs)

8" Two-Way, In-Wall Speakers

- Frequency response: 45-22,000 Hz ± 3 dB
- Power handling capacity: 120 Watts RMS
- 8" Polypropylene cone woofer and two swivel, 3/4" Titanium dome tweeters with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 88dB
- No rough-in required for existing construction. Rough-in IR888 (sold separately) is available for new construction
Wall cut out dimension: 12-7/8" H x 8-3/4" W. Overall dimensions: 14-3/32" H x 10-3/64" W x 3-1/4" D
- Paintable frame and grille. Color: White
- 3-piece construction (separate mounting frame, baffle and grille)
- Tweeter level control



SS838 (sold in pairs)

8" Three-Way, In-Wall Speakers

- Frequency response: 45-22,000 Hz ± 3 dB
- Power handling capacity: 130 Watts RMS
- 8" Polypropylene cone woofer, 2-1/4" mid range speaker and two swivel, 3/4" Titanium dome tweeters with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 89dB
- No rough-in required for existing construction. Rough-in IR888 (sold separately) is available for new construction
Wall cut out dimension: 12-7/8" H x 8-3/4" W. Overall dimensions: 14-3/32" H x 10-3/64" W x 3-1/4" D
- Paintable frame and grille. Color: White
- 3-piece construction (separate mounting frame, baffle and grille)
- Tweeter level control



In-Wall, Ceiling & Surface Mount Speakers – PROFESSIONAL SERIES

Meets Electronics Industries Association (EIA), standards RS-426-A • Overload protected, 5-year warranty

MS8W4 (sold in pairs)

4" Micro Speaker

- 4" Dual cone woofer
- Frequency response: 100-20,000 Hz (-6dB)
- Power handling capacity: 20 Watts RMS, 40 Watts Peak
- Sensitivity: @ 1 meter with 1 Watt input: 88dB
- Wall cut out dimension: 4-1/2" H x 4-1/2" W. Overall grille size: 5" H x 5" W x 2-5/32" D
- Paintable frame and grille. Color: White
- 3-piece construction (separate mounting frame, baffle and grille)



MS625

5-1/4" Ceiling Speaker

- Frequency response: 45-22,000 Hz ± 3 dB
- Power handling capacity: 70 Watts RMS
- 5-1/4" Polymica woofer, 1/2" swivel Titanium dome tweeter with capability of 30 degree swivel pivot and 360 degree swivel
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- No rough-in required for existing construction. Ceiling cut out dimension: 6-11/16"
- Overall size: 8" Diameter x 2-1/2" Depth
- Paintable frame and grille. Color: White
- 2-piece construction (integral baffle with frame and grille)



MS626

6-1/2" Ceiling Speaker

- Frequency response: 40-23,000 Hz ± 3 dB
- Power handling capacity: 100 Watts RMS
- 6-1/2" Polymica woofer, 3/4" swivel Titanium dome tweeter with capability of 30 degree pivot and 360 degree swivel
- Sensitivity: @ 1 meter with 1 Watt input: 89dB
- No rough-in required for existing construction. Ceiling cut out dimension: 7-11/16"
- Overall grille size: 8-7/8" Diameter x 2-13/16" Depth
- Paintable frame and grille. Color: White
- 2-piece construction (integral baffle with frame and grille)



SS525WH or SS525BL

Two-Way, Indoor/Outdoor (Weather Resistant), Surface Mount Speaker

- Frequency response: 45-22,000 Hz ± 3 dB
- Power handling capacity: 70 Watts RMS
- 5-1/4" Polymica cone woofer with foam surround, one 1/2" Polycarbonate swivel dome tweeter
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- Aluminum grille, stainless steel hardware and mounting bracket included
- Bass reflex design
- Overall size: 5-7/8" H x 8-3/16" W x 5-9/16" D
- Color: Available in (WH) White or (BL) Black



In-Wall Speakers – BUILDER SERIES

Two-piece, "dog eared" construction • No mounting (rough-in) frame required
Meets Electronics Industries Association (EIA), standards RS-426-A • Overload protected, 5-year warranty

JS826 (sold in pairs)

6-1/2" Two-Way, In-Wall Speakers

- Frequency response: 55-20,000 Hz ± 3 dB
- Power handling capacity: 50 Watts RMS
- 6-1/2" Coated paper cone woofer and 1/2" Polyester dome tweeter
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- No rough-in required for existing construction.
Rough-in IR886 (sold separately) is available for new construction
Wall cut out dimension: 10-3/4" H x 7-3/8" W.
Overall dimensions: 12-5/64" H x 8-21/32" W x 3" D
- Paintable frame and grille. Color: White
- 2-piece construction (integral baffle with frame and grille)



JS828 (sold in pairs)

8" Two-Way, In-Wall Speakers

- Frequency response: 45-20,000 Hz ± 3 dB
- Power handling capacity: 80 Watts RMS
- 8" Coated paper cone woofer and 1" Polyester dome tweeter
- Sensitivity: @ 1 meter with 1 Watt input: 88dB
- No rough-in required for existing construction.
Rough-in IR888 (sold separately) is available for new construction
Wall cut out dimension: 12-3/8" H x 8-3/4" W.
Overall dimensions: 14-3/32" H x 10-3/64" W x 3-1/4" D
- Paintable frame and grille. Color: White
- 2-piece construction (integral baffle with frame and grille)



SS523WH or SS523BL **new**

Two-Way, Indoor/Outdoor (Weather Resistant) Surface Mount Speakers

- Frequency response: 100-20,000 Hz ± 3 dB
- Power handling capacity: 50 Watts RMS
- 3-1/2" Mica impregnated cone woofer, 1" Polycarbonate dome tweeter
- Sensitivity: @ 1 meter with 1 Watt input: 85dB
- Overall dimensions: 4-1/2" H x 7" W x 4-1/4" D
- Color: Available in (WH) White or (BL) Black



Home Theater Speakers – Center Channel Speaker

SS725

Two-Way Center Channel Speaker

- Frequency response: 60-22,000 Hz \pm 3dB. Bass reflex design
- Power handling capacity: 100 Watts RMS
- Two 5-1/4" coated paper cone woofer and swivel, 1/2" Titanium dome tweeter with Ferrofluid cooled Neodymium magnet
- Sensitivity: @ 1 meter with 1 Watt input: 86dB
- Overall dimensions: 6-3/8" H x 19-5/8" W x 9-3/4" D



Shown without grille

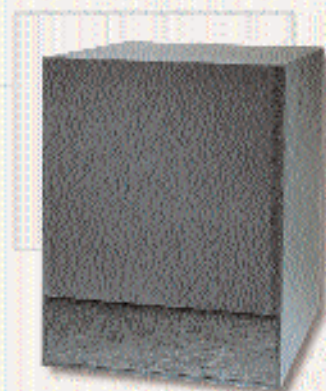
Sub-Woofers

MS4110P

10" Powered Sub-Woofer

- Frequency response: 35-(50-150)* Hz \pm 3dB
Bass reflex design
- Power handling capacity: 100 Watts RMS
- 10" woofer with paper cone and foam edge surround
- 1-1/2" four layer voice coil
- Electronic, automatic resetting overload protection
- Overall dimensions: 16-3/4" H x 13" W x 16" D
- Color: Black

*Determined by cross-over setting

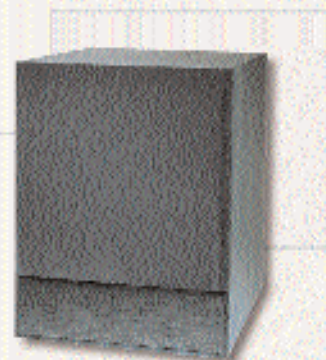


SS4108P **new**

8" Powered Sub-Woofer

- Frequency response: 35-(40-180)* Hz \pm 6dB
- Base reflex design
- Power handling capacity: 50 Watts RMS
- 8" Polypropylene woofer
- Electronic, automatic resetting overload protection
- Overall dimensions: 17" H x 10" W x 13" D
- Color: Black

*Determined by cross-over setting



SP6

Stereo Speaker Selector

- Allows up to 6 pairs of speakers to be connected to a stereo amplifier/AV receiver without overloading
- Speakers can be switched in or out as needed
- 360 Watts Peak, total
- Overall dimensions: 2-9/16" H x 13-7/8" W x 6" D



SVC101

Stereo Volume Control

- Ten step attenuation
- 75 Watts Peak, 25 Watts RMS
- Single gang box mountable
- Overall dimensions: 4-17/32" H x 2-25/32" W x 2-9/16" D



SVC104M

Impedance Matching Stereo Volume Control

- Twelve step attenuation
- Allows multiple speaker connections to the same amplifier without overloading
- Quick and easy field connection through detachable connector
- 150 Watts Peak, 50 Watts RMS
- Single gang box mountable
- Overall dimensions: 4-17/32" H x 2-25/32" W x 2-9/16" D



CPHT150WH **new**

Audio Wall Plate

- For connecting Front, Main, and Rear Channel Speakers in a home theater or for connecting 3 pairs of stereo speakers in a music distribution system
- Output terminals: Via speaker push type terminals which accept up to 14 AWG speaker wire
- Dimensions: 4-5/8" H x 4-5/8" W x 1-5/16" D
- Depth behind wall: Approximately 3/4"
- Standard double gang box mountable



CPHT200WH or CPHT200BL

Home Theater Wall Panel

- For connecting Front Main, Center, Rear Channel Speakers and Powered Subwoofer to the A/V Receiver
- Output terminals: Via speaker push type terminals which accept up to 14 AWG speaker wire
- Dimensions: 4-5/8" H x 4-5/8" W x 1-5/16" D
- Depth behind wall: Approximately 7/16"
- Standard double gang box mountable
- Color: Available in (WH) White or (BL) Black



10ZADP

10 Zone Audio Distribution Panel (use with SVC104M)

- For connecting up to 10 pairs of speakers
- Input terminals: Via detachable connectors which accept up to 14 AWG speaker wire
- Dimensions: 4-1/2" H x 6-1/4" W x 1-3/4" D
- Depth behind wall: Approximately 3/4"
- Triple gang box mountable

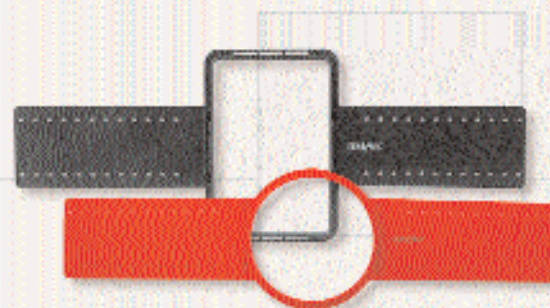
One SVC104 impedance matching volume control is required for each speaker pair



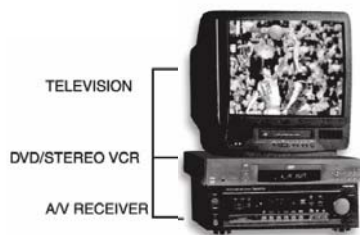
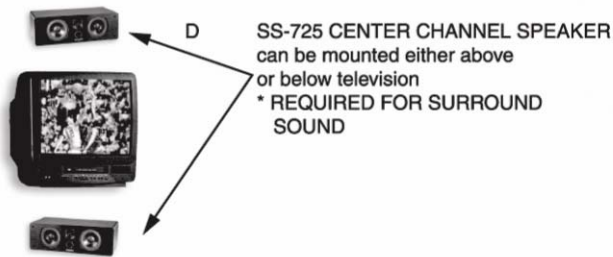
ROUGH-INS

10 Zone Audio Distribution Panel (use with SVC104M)

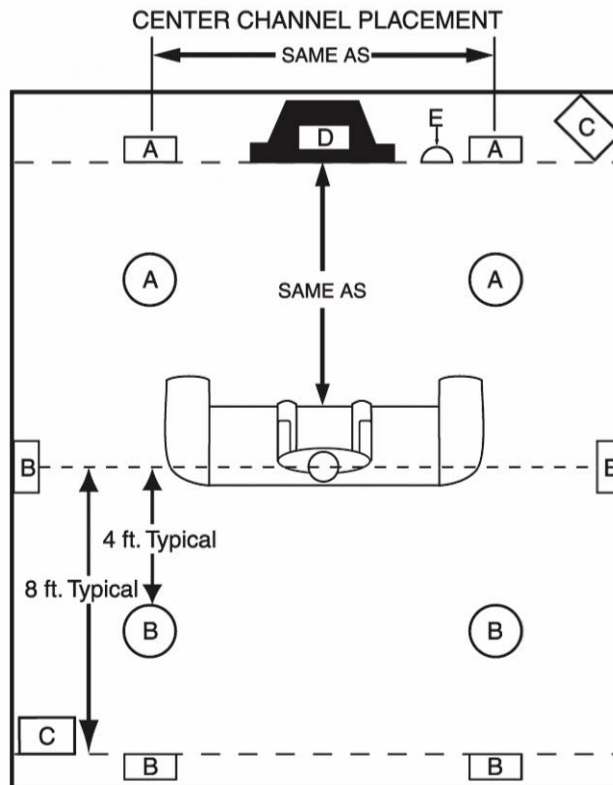
- IR665 – For use with MS625 ceiling speakers
- IR666 – For use with MS626 ceiling speakers
- IR668 – For use with SS628DS ceiling speakers
- IR884 – For use with MS8W4 speakers
- IR885 – For use with SS825 in-wall speakers
- IR886 – For use with SS826DS, and JS826 in-wall speakers
- IR888 – For use with SS828, SS838 and JS828 in-wall speakers



SENSONIC[®] by NuTone Home Theater Wiring Diagram



(Television, DVD/Stereo VCR and
A/V Receiver shown are not sold
by NuTone)



SPEAKER PLACEMENT FLOOR PLAN

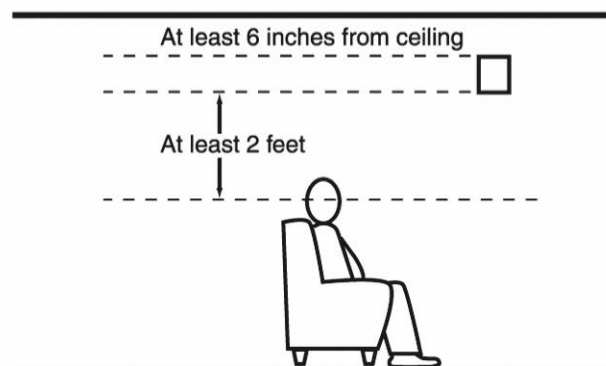
A FRONT CHANNEL SPEAKERS:
SS-825, SS-826DS
SS-828
SS-838
MS-626

B REAR CHANNEL SPEAKERS
SS-825
SS-828
SS-838
MS-625
SS-525 WH/BL

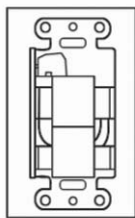
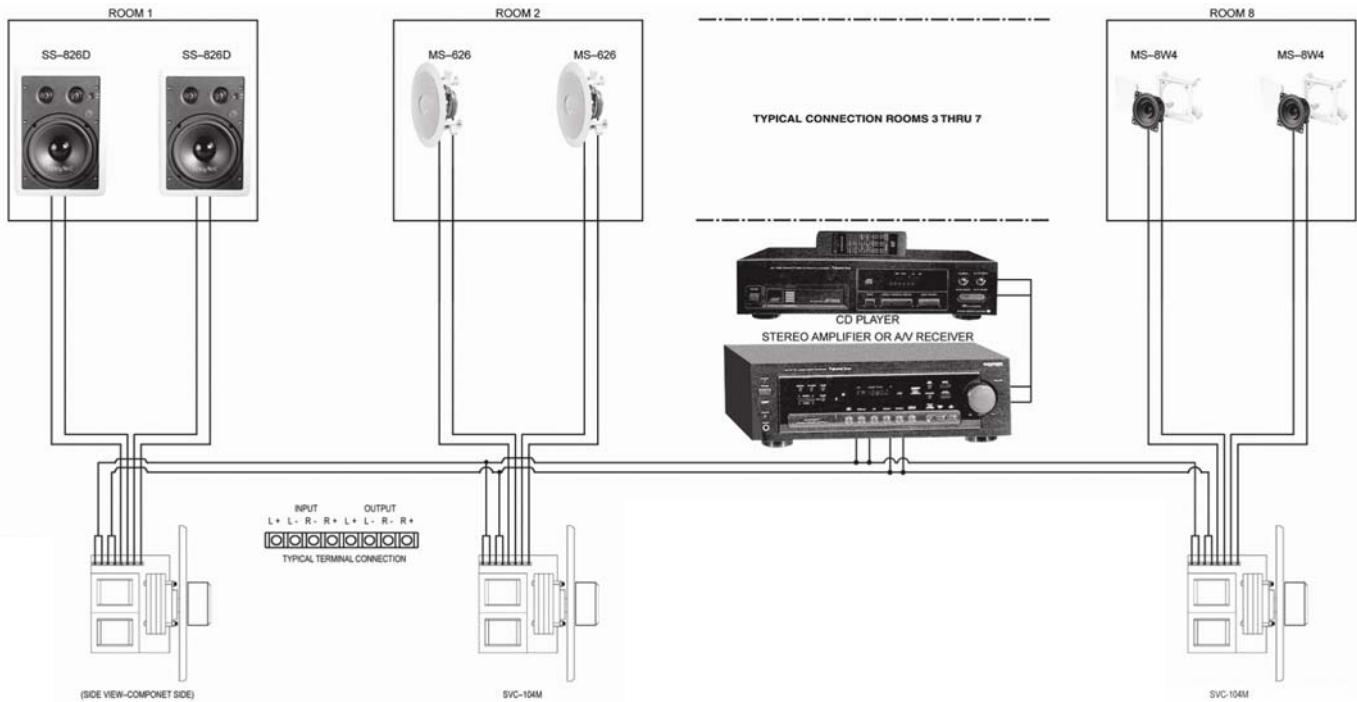
C SUB-WOOFER
MS-418, MS-4110P
CAN BE PLACED IN EITHER THE
FRONT OR BACK OF THE ROOM

E HOME THEATER WALL PLATE CPHT200

NOTE: THE 4 INCH MICROSPEAKER MS8W4,
CAN ALSO BE USED WITH THE POWERED
SUB-WOOFER



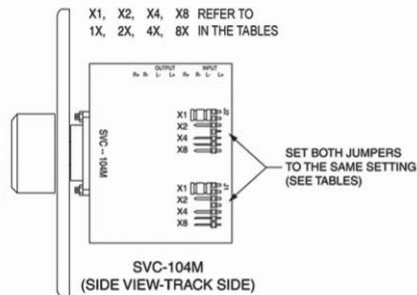
SURROUND SPEAKER MOUNTING HEIGHT



(REAR VIEW)



(FRONT VIEW)



JUMPER SETTINGS FOR 8 OHM AMPLIFIERS									
8 OHM SPEAKER PAIRS									
	0	1	2	3	4	5	6	7	8
4 OHM SPEAKER PAIRS	0	1X	2X	4X	4X	8X	8X	8X	8X
	1	2X	4X	4X	8X	8X	8X	8X	
	2	4X	8X	8X	8X	8X			
	3	8X	8X	8X					
	4	8X							
	JUMPER POSITION								

TABLE 2

NOTE: TYPES OF SPEAKER SHOWN ARE FOR EXAMPLE

MODEL	DESCRIPTION	RATED POWER	FREQUENCY RESPONSE	TWEETER TYPE	WOOFER TYPE	SENSITIVITY***
PROFESSIONAL SERIES						
SS326R,C,G	Two-Way, Weather Resistant	50 Watts RMS	45-20,000 Hz \pm 3dB	Dome	6-1/2" Polypropylene	87dB
SS626DS	Two-Way, Dual Voice Coil, Weather Resistant, Ceiling w/Switch	100 Watts RMS	40-23,000 Hz \pm 3dB	Dome**	6-1/2" Polymica	89dB
SS628DS	Two-Way, Dual Voice Coil, Weather Resistant, Ceiling w/Switch	100 Watts RMS	40-23,000 Hz \pm 3dB	Dome**	8" Polypropylene	86dB
SS113WH,BL	Twin Cube	100 Watts RMS	120-20,000 Hz \pm 3dB	Wide Range	Paper	86dB
SS825	Two-Way, In-Wall	80 Watts RMS	60-20,000 Hz \pm 3dB	Twin Dome**	5-1/4" Polypropylene	86dB
SS826DS	Two-Way, Dual Voice Coil In-Wall w/Switch	100 Watts RMS	55-21,000 Hz \pm 3dB	Twin Dome**	6-1/2" Polypropylene	86dB
SS828	Two-Way, In-Wall	120 Watts RMS	45-22,000 Hz \pm 3dB	Twin Dome**	8" Polypropylene	88dB
SS838	Three-Way, In-Wall	130 Watts RMS	45-22,000 Hz \pm 3dB	Twin Dome**	8" Polypropylene	89dB
MS8W4	Micro Speaker Kit; (includes speaker, mounting frame and grille)	40 Watts Peak	100-20,000 Hz (-6dB)	Whizzer (Dual Cone)	4" Paper	88dB
MS625	Two-Way, Ceiling	70 Watts RMS	45-22,000 Hz \pm 3dB	Dome**	5-1/4" Polymica	86dB
MS626	Two-Way, Ceiling	100 Watts RMS	40-23,000 Hz \pm 3dB	Dome**	6-1/2" Polymica	89dB
SS525WH,BL	Two-Way, Surface Mount	70 Watts RMS	45-22,000 Hz \pm 3dB	Dome**	5-1/4" Polymica	86dB

BUILDER SERIES

SS523WH,BL	Two-Way, Weather Resistant, Surface Mount	50 Watts RMS	100-20,000 Hz \pm 3dB	Dome	5-1/4" Mica	85dB
JS826	Two-Way, In-Wall	50 Watts RMS	55-20,000 Hz \pm 3dB	Dome	6-1/2" Coated Paper	86dB
JS828	Two-Way, In-Wall	80 Watts RMS	45-20,000 Hz \pm 3dB	Dome	8" Coated Paper	88dB

CENTER CHANNEL & SUB-WOOFERS

SS725	Two-Way, Center Channel	100 Watts RMS	60-22,000 Hz \pm 3dB	Dome**	5-1/4" Paper	86dB
MS4110P	Powered Sub-Woofer	100 Watts RMS	35-(50-150) Hz* \pm 3dB	N/A	10" Paper	90dB
SS4108P	Powered Sub-Woofer	50 Watts RMS	35-(40-180) Hz* \pm 6dB	N/A	8" Polypropylene	89dB

ROUGH-INS

IR665	Rough-In Frame for New Construction. Use with MS625. Color code: ORANGE					
IR666	Rough-In Frame for New Construction. Use with MS626. Color code: YELLOW					
IR668	Rough-In Frame for New Construction. Use with SS628DS. Color code: YELLOW					
IR884	Rough-In Frame for New Construction. Use with MS8W4. Color code: BLACK					
IR885	Rough-In Frame for New Construction. Use with SS825. Color Code: BLACK					
IR886	Rough-In Frame for New Construction. Use with SS826DS, JS826. Color code: ORANGE					
IR888	Rough-In Frame for New Construction. Use with SS828, SS838, JS828. Color code: YELLOW					

MODEL	DESCRIPTION	RATED POWER	MOUNTING
SWITCHES & CONTROLS			
SP6	Stereo Speaker Selector	360 Watts Peak, Total	N/A
SVC101	Stereo Volume Control, 10 Step Attenuation	75 Watts Peak	Single Gang
SVC104M	Impedance Matching Volume Control, 12 Step Attenuation	150 Watts Peak	Single Gang
CPHT150WH	Audio Wall Plate	N/A	Double Gang
CPHT200WH,BL	Home Theater Wall Panel	N/A	Double Gang
10ZADP	10 Zone Audio Distribution Panel	N/A	Triple Gang

* Determined by cross-over setting

** Swivel Titanium dome tweeter with Ferrofluid cooled Neodymium magnet

*** Sensitivity or Sound Pressure Level @ 1 meter with 1 Watt input

The impedance of all speakers and controls is 8 Ohms

Specifications are subject to change without notice.



For more information on Sensonic® contact NuTone®, Inc.
4820 Red Bank Road, Cincinnati, OH 45227-1599 • 1-800-543-8687

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