

ArchiTECH®

AB-800

110W 8" Down-Firing Subwoofer

Lossless Wireless Receiver Built-In



Features:

- The AB-800 Powered Subwoofer utilizes patented amplifier technology and careful driver and system design. The result is an affordable, high-performance wireless subwoofer that delivers true, deep bass to any system, and is modest in size.
- The AB-800 subwoofer and matching AB-TX transmitter fulfill the wish list of music enthusiasts everywhere:
 - Extra-long-throw, heavy-duty driver
 - Laboratory-tuned for true, deep-bass performance (-3dB@27Hz)
 - Automatic International Voltage
 - Wireless reception of music signal
 - Modest size hides in any room
 - Lossless, 2.4 GHz Frequency-Stepping Wireless Technology
- We've perfected even the smallest aspects of the AB-800: extra-large flared port to eliminate audible turbulence, non-reflective matte black polyvinyl finish to eliminate reflections during home theater presentations & 4 adjustable rubber feet that provide an acoustically isolated stable platform for optimal output. The AB-800 performs at levels previously unachieved!



Dimensions:

- 13" W x 13" H x 13" D
(330 W x 330 H x 330 D) mm
(without feet)



AB-Tx - Lossless Wireless Transmitter

The AB-800 and AB-Tx Transmitter are the perfect combination to wirelessly add deep bass realism, in an affordable package that can easily fit into any room.

- Lossless digital signal
- 2.4 GHz
- 4-1/2" x 1-1/4" x 4-1/16"
- Sold separately

8" EXTRA LONG-THROW Heavy Duty Driver
Lossless Wireless Subwoofer



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110 Watt RMS BASH® Amplifier

Specifications

- Frequency Response: 27Hz – 200Hz ± 3dB
- Crossover Frequency: 50Hz – 200Hz variable (with bypass position)
- Phase Adjustment: 0 – 180 degrees (selectable)
- Amplifier Output Power: 110 watts, with thermal and clipping limiters
- Audio Inputs: Summing stereo line level (RCA x2) or LFE Input
- Input Impedance: Line level – 20k ohms, unbalanced
- Input Power: 115 - 230V / 50-60Hz AC (auto-adjusting)
- Input Power Connection: IEC C8 2-wire receptacle
- Power Modes: Auto signal sensing, always on and standby
- Auto Off Delay: ~10 minutes
- Weight: 22 lbs (10 kg)
- Dimensions: 13" W x 13" H x 13" D, (330 W x 330 H x 330 D)mm
- Shipping Dimensions: 17" W x 17" H x 17" D, (431 W x 431 H x 431 D)mm
- Shipping Weight: 26 lbs (11.8 kg)



Included Hardware



Knurled Jam Nuts (4)



Rubber Feet (4)

The AB-800 and AB-Tx Wireless Transmitter are the perfect combination to add deep bass realism, in an affordable package that can easily fit into any room. Real bass thrills are no longer out of the reach of everyman!



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Frameless Loudspeakers



SC-620f

6-1/2" In-Ceiling / Wall Loudspeaker

6-1/2" 2-way Loudspeaker

Frequency Response: 45Hz - 20kHz ± 3 dB

Power Handling: 40 watts nom. 80 max.

Sensitivity: 91dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: 3/4" pivoting dome tweeter

Cut-out dimensions: 7-1/4" dia. x 3-5/16" deep

Overall dimensions: 8-7/16" dia.

Sold and shipped in pairs

Features:

- Kevlar® woofer with butyl rubber surround
- Proven dog ear mounting system
- Micro-perf grille may be painted to match mounting surface



for SC-620f



for SC-820f

Optional Pre-Construction Brackets & Vapor Domes

SC-820f

8" In-Ceiling / Wall Loudspeaker

8" 2-way Loudspeaker

Frequency Response: 35Hz - 20kHz ± 3 dB

Power Handling: 50 watts nom. 100 max.

Sensitivity: 91dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: 1" pivoting dome tweeter

Cut-out dimensions: 8-5/8" dia. x 3-7/8" deep

Overall dimensions: 9-7/8" dia.

Sold and shipped in pairs



Side-View of Frameless Grille

Optional Square Frameless Grilles

MGS-6f for SC-620f

MGS-8f for SC-820f



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Frameless Loudspeakers



SC-622f

6-1/2" In-Ceiling / Wall Loudspeaker

2-way Single Point Stereo

Frequency Response: 45Hz - 20kHz ± 3 dB

Power Handling: 50 watts nom. 100 max. (both channels)

Sensitivity: 91dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: Dual (L+R) 3/4" dome tweeters

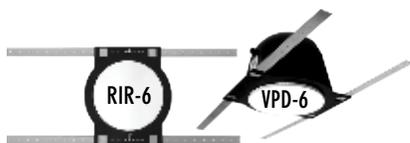
Cut-out dimensions: 7-1/4" dia. x 3-5/16" deep

Overall dimensions: 8-7/16" dia.

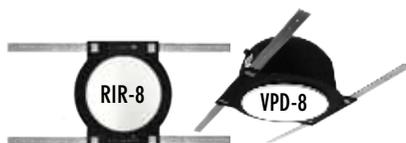
Sold and shipped Individually

Features:

- Kevlar® woofer with butyl rubber surround
- Proven dog ear mounting system
- Micro-perf grille may be painted to match mounting surface



for SC-622f



for SC-822f

Optional Pre-Construction Brackets & Vapor Domes

SC-822f

8" In-Ceiling / Wall Loudspeaker

2-way Single Point Stereo

Frequency Response: 35Hz - 20kHz ± 3 dB

Power Handling: 60 watts nom. 120 max. (both channels)

Sensitivity: 91dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: Dual (L+R) 3/4" dome tweeters

Cut-out dimensions: 8-5/8" dia. x 3-7/8" deep

Overall dimensions: 9-7/8" dia.

Sold and shipped Individually



Side-View of Frameless Grille

Optional Square Frameless Grilles

MGS-6f for SC-622f

MGS-8f for SC-822f



Rev. C





Frameless Loudspeakers

SC-620LCRSf

6-1/2" 2-way 15 Degree Angled Loudspeaker



Specifications

Frequency Response: 45Hz - 20kHz \pm 3 dB

Power Handling: 40 watts nom. 80 max.

Sensitivity: 91dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: 3/4" textile soft dome pivoting

Cut-Out Dimensions: 8-5/8" diameter x 4-3/16" Deep

Overall Dimensions: 9-7/8" diameter

Sold and Shipped Individually

Features:

- Kevlar® woofers with butyl rubber surrounds
- Magnetic, frameless, micro-perforated, vibration-free grille
- Based on augmented dispersion design
- Ferro-fluid cooled tweeter
- Proven Mounting System
- 12 dB/octave crossover



Optional Pre-Construction
Brackets & Vapor Domes



Optional Square Frameless Grille

MGS-8f



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Frameless Loudspeakers

SE-LCRSf

Dual 5-1/4" 2-way In-Wall LCRS Loudspeaker

Specifications

Frequency Response: 45Hz - 20kHz \pm 3 dB

Power Handling: 50 watts nom. 100 max.

Sensitivity: 89dB 1 watt / 1 meter

Impedance: 8 ohms nominal

Tweeter: 1" pivoting silk soft dome tweeter

Cut-out dimensions: 7-15/16" W x 14-7/16" H x 3-1/4" Deep

Overall dimensions: 9" W x 15-3/4" H

Sold and Shipped Individually

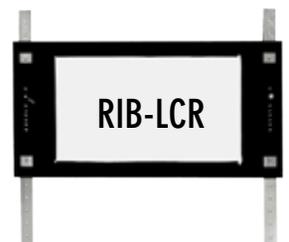
Features:

- Woven Kevlar® woofers with butyl rubber surrounds
- Industry leading superior clamp-ring mounting system
- High temperature polyimide voice coils
- Magnetic, frameless, micro-perforated, vibration-free grille
- Phase plug pole piece extensions
- Orient Vertically or Horizontally
- 12 dB/octave crossover
- IR Knockouts



Side View

Optional Pre-Construction
Brackets & Vapor Domes



ArchiTECH

Kevlar Series®



SE-694KE
5-1/4" In-Wall
2-way Loudspeaker



SE-790KE
6-1/2" In-Wall
2-way Loudspeaker



SE-893KE
8" In-Wall
3-way Loudspeaker

The Kevlar material used in the ArchiTech Kevlar series is an exceptional choice for high performance woofers. Its incredible strength enables low distortion music reproduction, while its lightness provides great detail and musicality. And it is amazingly durable for long life and environmental stability. Kevlar is 5 times as strong as steel of the same weight.

These unique properties have enabled Kevlar to become a favorite material for applications as varied as bullet-proof vests, automotive parts, ropes for the Mars Pathfinder mission - and for the ArchiTech Series - cones for superb woofers.

The ArchiTech Kevlar Series is an excellent choice for custom installation applications where high quality music reproduction is required and rugged construction is appreciated. The Lifetime Limited Warranty is one indication of just how robust this family of loudspeakers really is.



	SE-694KE	SE-790KE	SE-893KE	
Woofer: Woven Kevlar® with butyl rubber surround	5-1/4"	6-1/2"	8" 3-way	Woofer Size
Tweeter: 1" textile soft dome pivoting	✓	✓	✓	
Midrange: 1-1/2" textile soft dome			✓	
Frequency Response	50 - 20K	45- 20K	35 - 20K	Hz
Power Handling	30 / 60	40 / 80	50 / 100	watts nom. / max.
Sensitivity	91	91	91	dB 1 watt / 1 meter
Impedance	8	8	8	ohms
Sold and Shipped in Pairs	✓	✓	✓	
Overall Dimensions	6-5/8" x 9-1/4"	8-5/8" x 12-1/8"	10-1/2" x 14-1/2"	W x H
Cut-Out Dimensions	5-9/16" x 8-1/4"	7-3/8" x 10-7/8"	9" x 13"	W x H
Loudspeaker Depth	2-3/8"	3-1/8"	3-1/4"	D
IR Knockouts, Phase Plug Pole Piece, Magnetically Shielded	✓	✓	✓	
High-temperature Polyimide voice coils	✓	✓	✓	
Pre-Construction Bracket / Vapor Dome & Pre-Con Bracket	RI-6914 / N/A	RIB-7 / N/A	RIB-82 / VPD-82	



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