

30"Diameter SoundDome Model 7053

Recom Group



Specifications:

System Type	2 x 25 mm Stereo or mono high-directivity (8 Ohm stereo , 4 Ohm mono). Optional transformer for distributed systems (25/70.7/100 V olt).
Frequency Response (-3 dB) ¹	143 Hz – 21.5 kHz
Low Frequency (-10 dB) ¹	104 Hz – 22.0 kHz
Max. Program Power	30 Watts
Max. Continuous Power RMS ²	15 Watts
Max. SPL dB @ 0.5 M RMS	92.5 dB S/95.5 dB M
Sensitivity dB @ 1W /0.5 M ³	80.5 dB stereo , 83.5 dB mono
Impedance (nominal)	8 Ohm stereo, 4 Ohm mono (bridged)
Coverage Angle (-6 dB @ 2 kHz)	41° (averaged)
Coverage Angle (-6 dB @ 10 kHz)	48° (averaged)
Directivity Factor (Q)	14.16 (averaged 140 Hz - 10 kHz) ; 14.23 @ 2 kHz
Directivity Index (DI)	9.06 (averaged 140 Hz to 10 kHz) ; 26.48 @ 2 kHz
8 Ohm/4 Ohm Input	Hardwire lead
Transformer Input Option	4-Position tap switch in supplied junction box
Optional Transformer Taps	

70.7 V	Output	100 V	Output	25 V	Output
10 W	93.5 dB	10 W	93.5 dB	1.25 W	84.5 dB
5 W	90.5 dB	5 W	90.5 dB	0.63 W	81.5 dB
2.5 W	87.5 dB	2.5 W	87.5 dB	0.32 W	78.5 dB
1.25 W	84.5 dB	1.25 W	84.5 dB	0.16 W	75.5 dB

Transducers	
Full-Range Drivers	Twin 25 mm (1.0 in) full-range aluminum convex transducers
Network Type	
High Pass	75 Hz or 350 Hz, switchable
Voice Coil Diameter	20.5 mm (0.81 in)
Dome Material	Custom molded PETG, clear
Enclosure Material	High impact polystyrene
Grille (Protective Driver Guard)	High impact polystyrene
Colors	Clear dome, black enclosure, custom dome colors available
Dome Diameter	781 mm / 30.75 in
Dome Height	333 mm / 13.1 in
Weight	4.1 kG / 9.0 lbs
Shipping Weight	9.3 kG / 20.5 lbs
Accessories	
Included	Cable hanging bracket, mounting bushing & hardwire lead
Optional	Decorative SoundSleeve™(AC -CPSU), Wall Mount Bracket (AC -WB3), Junction Box (AC -FP6-XFMR)
Packaging	1 Per box, bulk shipping available

Key Features

- Patented Dual-Parabolic™ dispersion control technology provides a dramatic hot spot with crisp stereo separation.
- 781 mm (30.75 in) Custom-molded PETG clear polymer dome for minimal visual impact.
- Twin 25 mm (1 in) convex aluminum High Excursion Micro Transducers in individually sealed enclosures for stereo or mono music & messaging.
- Patented ZeroReflection™ enclosure technology for accurate sound reproduction.
- Narrow 41° coverage angle for sharp focus.
- Single-point balanced mounting for easier and cleaner-looking installs.
- Shipped as individual units, bulk shipping available.
- Optional wall bracket available.
- Custom colors & printed decorative SoundSleeves™ available.

Description

Recom Group's 7053 incorporates 2 full-range, high-performance 1.0" convex aluminum dome High Excursion Micro Transducers with patented Dual-Parabolic™ sound dome technology to deliver a targeted audio footprint for high-definition music and messaging applications. Standard model ships as 8 Ohm (or 4 Ohm bridged) with optional 25/ 70.7/ 100 Volt transformer available. Mounting hardware is included; optional wall bracket is available.

Applications

Tight coverage, wide-range stereo sound (104 Hz – 22 kHz, - 10 dB) and true audio containment (43° @ 2 kHz, - 6 dB) make this system the ideal choice for focused audio applications. Applications include museums kiosks, P.O.P. displays, trade shows, digital signage, or anywhere contained high-fidelity stereo or mono sound is required.

Patented Dual-Parabolic™ Technology

By incorporating patented Dual-Parabolic™ dome technology, our system provides crisp stereo separation.



Recom Group

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Internet Sites:

www.SoundDomes.com

www.MusicDisplays.com

www.DVDPreviewSystems.com