

Premium AV Surface-Mounted Speakers

AEX PRO AUDIO

Model List

- HD 641W / HD 641B | Premium AV Surface-Mounted Loudspeaker
- HD 851W / HD 851B | Premium AV Surface-Mounted Loudspeaker

Product Introduction

Crowning the esteemed Premium AV Series, the HD 641 and HD 851 models represent a masterclass in audio opulence and sophisticated design. Engineered as the crown jewels of our surface-mounted speaker offerings, these loudspeakers are built for environments where only an unrivaled, immersive auditory experience will suffice. This high-performance tier includes the powerful 6.5-inch HD 641 and the commanding 8-inch HD 851. The defining feature of this elite lineup is the audiophile-grade 1-inch silk dome tweeter, which delivers a silky-smooth and incredibly detailed high-frequency reproduction that is both brilliant and non-fatiguing. Paired with powerful, high-excursion woofers and housed in the signature ABS and aluminum chassis, these speakers produce an expansive, crystal-clear soundstage with profound depth and authority. For high-end restaurants, executive conference centers, private cinemas, and luxury hospitality venues, the HD 641 and HD 851 redefine expectations, delivering an exceptional blend of premium aesthetics and superior sound.

Key Features

- Crown jewels of surface-mounted speaker offerings for unrivaled, immersive auditory experience.
- High-performance tier includes the powerful 6.5-inch HD 641 and commanding 8-inch HD 851.
- Audiophile-grade 1-inch silk dome tweeter delivers silky-smooth, detailed high-frequency reproduction.
- Paired with powerful, high-excursion woofers for expansive, crystal-clear soundstage.
- HD 641: 40W RMS rated input, 80W peak power, 92dB sensitivity, 108dB max SPL.
- HD 851: 60W RMS rated input, 120W peak power, 92dB sensitivity, 110dB max SPL.
- Housed in signature ABS and aluminum chassis, available in black and white finishes.
- All models feature IP65 dust and water protection and comply with EN IEC 62368-1 safety.
- Supports 100V distributed line systems and standard 8-ohm low-impedance connections.
- Ideal for high-end restaurants, executive conference centers, and private cinemas.



HD 641W



HD 851W



HD 641B



HD 851B

Premium AV Surface-Mounted Speakers

Technical Specification

	HD 641W / HD 641B	HD 851W / HD 851B
Rated Input (RMS)	40W	60W
Peak Power Handling	80W (Calculated)	120W (Calculated)
Power Taps (100V)	40W, 20W, 10W, 5W	50W, 25W, 12.5W
Impedance	8Ω	8Ω
Frequency Response	80Hz - 19kHz	85Hz - 18kHz
Frequency Range (-10 dB)	60Hz - 20kHz	65Hz - 20kHz
Sensitivity (1W/1m)	92dB	92dB
Maximum Peak SPL	108dB (Calculated)	110dB (Calculated)
Coverage Angle	130 x 110	130 x 110
Speaker Component	6.5" Woofer + 1" Silk Dome Tweeter	8" Woofer + 1" Silk Dome Tweeter
Safety	EN IEC 62368-1	EN IEC 62368-1
Dust & Water Protection	IP 65	IP 65
Material & Finish	Enclosure: ABS, Grille: Aluminum. Available in Black (B) or White (W).	Enclosure: ABS, Grille: Aluminum. Available in Black (B) or White (W).
Mounting	Wall Bracket	Wall Bracket
Connectors	Spring Clip Terminals	Spring Clip Terminals
Dimensions (W x H x D)	218 x 330 x 263 mm	270 x 428 x 338 mm
Weight	3.8kg	5.2 kg