



HD 641W / HD 641B
HD 851W / HD 851B

Premium AV Surface-Mounted Loudspeaker
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Representing the pinnacle of performance for voice alarm systems, the HD 641 and HD 851 are engineered for architecturally sensitive environments where failure is not an option. This elite tier, featuring the powerful 6.5-inch HD 641 and the commanding 8-inch HD 851, is built to deliver unparalleled vocal clarity. The defining feature is the precision 1-inch silk dome tweeter, specifically chosen for its ability to reproduce the critical high frequencies of human speech with exceptional accuracy. This ensures that every syllable of an emergency broadcast is crisp and highly

intelligible, even over long distances. Paired with high-output woofers within the signature ABS and aluminum chassis, these speakers provide the sound penetration and authority required to overcome ambient noise in large public spaces. For prestigious government buildings, corporate headquarters, premium transportation hubs, and cultural institutions, the HD 641 and HD 851 offer the ultimate solution, ensuring uncompromising life safety performance that integrates flawlessly into sophisticated designs.

- Reproduces full-range music and speech with genuine fidelity for rich, room-filling sound.
- Fully weatherproof to IP65, ready for permanent outdoor mounting and regular wash-down.
- HD 641W / HD 641B, 100 V line taps: 40 W, 20 W, 10 W, 5 W.
- HD 851W / HD 851B, 100 V line taps: 50 W, 25 W, 12.5 W, 6.25 W.
- Discreet moulded ABS enclosure finished in black resists moisture and impact while sitting light and unobtrusive in the ceiling or on the wall.
- HD 641W / HD 641B, 218 × 330 × 263 mm, 3.8 kg.
- HD 851W / HD 851B, 270 × 428 × 338 mm, 5.2 kg.
- Well suited to lobbies, retail, hospitality and foreground music installations.



HD 641W

HD 851W



HD 641B

HD 851B



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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, 6.25W
Rated Impedance	0.3k Ω , 0.5k Ω , 1.0k Ω , 2.0k Ω / 8 Ω	0.2k Ω , 0.4k Ω , 0.8k Ω , 1.6k Ω / 8 Ω
Frequency Response	80Hz - 19kHz	85Hz - 19kHz
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