



**HD 420W / HD 420B** | Premium AV Surface-Mounted Loudspeaker  
**HD 530W / HD 530B** | Premium AV Surface-Mounted Loudspeaker  
**HD 640W / HD 640B** | Premium AV Surface-Mounted Loudspeaker



Introducing the HD Premium Series, where architectural aesthetics meet the stringent demands of mission-critical public address and voice alarm (PAVA) systems. This distinguished line is engineered for environments where visual design is as important as life safety. Comprising the 4-inch HD 420, 5.25-inch HD 530, and 6.5-inch HD 640, the series ensures consistent performance and coverage. Each model features an advanced crossover circuit that delivers a natural sound profile, crucial for outstanding speech intelligibility during emergency broadcasts and daily announcements. Housed in a robust enclosure of high-grade ABS and brushed aluminum, the HD Premium Series is the definitive choice for modern government buildings, corporate headquarters, museums, and flagship public venues, providing a solution that ensures uncompromising safety without sacrificing architectural integrity.

- 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 420W / HD 420B, 100 V line taps: 20 W, 10 W, 5 W, 2.5 W.
- HD 530W / HD 530B, 100 V line taps: 30 W, 15 W, 7.5 W, 3.75 W.
- HD 640W / HD 640B, 100 V line taps: 40 W, 20 W, 10 W, 5 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 420W / HD 420B, 135 × 218 × 180 mm, 1.9 kg.
- HD 530W / HD 530B, 170 × 260 × 210 mm, 2.7 kg.
- HD 640W / HD 640B, 206 × 300 × 250 mm, 3.5 kg.
- Well suited to lobbies, retail, hospitality and foreground music installations.



HD 420W



HD 420B



HD 530W



HD 530B



HD 640W



HD 640B



|                          |                                        |
|--------------------------|----------------------------------------|
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#### Technical Specification

|                                    | HD 420W / HD 420B                                                          | HD 530W / HD 530B                                                          | HD 640W / HD 640B                                                          |
|------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>Rated Input (RMS)</b>           | 20W                                                                        | 30W                                                                        | 40W                                                                        |
| <b>Peak Power Handling</b>         | 40W (Calculated)                                                           | 60W (Calculated)                                                           | 80W (Calculated)                                                           |
| <b>Power Taps (100V)</b>           | 20W, 10W, 5W, 2.5W                                                         | 30W, 15W, 7.5W, 3.75W                                                      | 40W, 20W, 10W, 5W                                                          |
| <b>Rated Impedance</b>             | 0.5k $\Omega$ , 1.0k $\Omega$ , 2.0k $\Omega$ , 4.0k $\Omega$ / 8 $\Omega$ | 0.3k $\Omega$ , 0.7k $\Omega$ , 1.3k $\Omega$ , 2.7k $\Omega$ / 8 $\Omega$ | 0.3k $\Omega$ , 0.5k $\Omega$ , 1.0k $\Omega$ , 2.0k $\Omega$ / 8 $\Omega$ |
| <b>Frequency Response</b>          | 110Hz - 19kHz                                                              | 100Hz - 19kHz                                                              | 100Hz - 19kHz                                                              |
| <b>Frequency Range (-10 dB)</b>    | 90Hz - 20kHz                                                               | 80Hz - 20kHz                                                               | 80Hz - 20kHz                                                               |
| <b>Sensitivity (1W/1m)</b>         | 90dB                                                                       | 91dB                                                                       | 91dB                                                                       |
| <b>Maximum Peak SPL</b>            | 103dB (Calculated)                                                         | 106dB (Calculated)                                                         | 107dB (Calculated)                                                         |
| <b>Coverage Angle</b>              | 130 x 110                                                                  | 130 x 110                                                                  | 130 x 110                                                                  |
| <b>Speaker Component</b>           | 4" Woofer + 0.5" Mylar Dome Tweeter                                        | 5.25" Woofer + 0.5" Mylar Dome Tweeter                                     | 6.5" Woofer + 0.5" Mylar Dome Tweeter                                      |
| <b>Safety</b>                      | EN IEC 62368-1                                                             | EN IEC 62368-1                                                             | EN IEC 62368-1                                                             |
| <b>Dust &amp; Water Protection</b> | IP 65                                                                      | IP 65                                                                      | IP65                                                                       |
| <b>Material &amp; Finish</b>       | Enclosure: ABS, Grille: Aluminum. Available in Black (B) or White (W).     | Enclosure: ABS, Grille: Aluminum. Available in Black (B) or White (W).     | Enclosure: ABS, Grille: Aluminum. Available in Black (B) or White (W).     |
| <b>Mounting</b>                    | Wall Bracket                                                               | Wall Bracket                                                               | Wall Bracket                                                               |
| <b>Connectors</b>                  | Spring Clip Terminals                                                      | Spring Clip Terminals                                                      | Spring Clip Terminals                                                      |
| <b>Dimensions (W x H x D)</b>      | 135 x 218 x 180 mm                                                         | 170 x 260 x 210 mm                                                         | 206 x 300 x 250 mm                                                         |
| <b>Weight</b>                      | 1.9KG                                                                      | 2.7KG                                                                      | 3.5KG                                                                      |