



HX-7

Variable Dispersion Line Array



Powerful & compact with flexible installation options.

We supply sound, not equipment.
www.toa.eu

HX-7

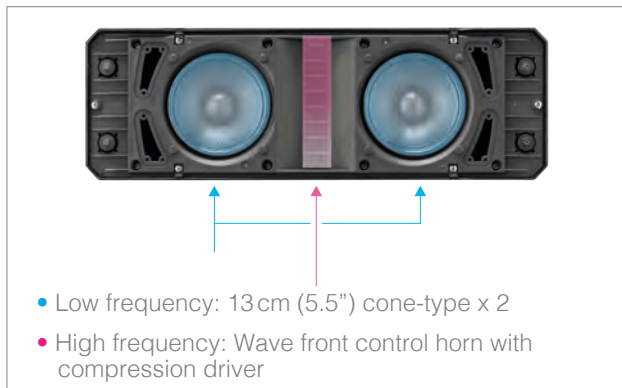
Variable Dispersion Line Array

The HX-7 is a variable dispersion line array with SYNC-Drive™ waveguide technology. Thanks to its award winning enclosure design, employing four modules per unit, the HX-7 allows precise adjustment of sound dispersion angles of 0 - 15 - 30 - 45 and 60 degrees.

The line array offers pristine clarity in a wide range of applications from sports venues, auditoriums, concert hall and challenging houses of worship. With the HX-7 you're getting affordable quality and stellar performance. What you get is all that can be heard, from a whisper to a scream, TOA has it covered.

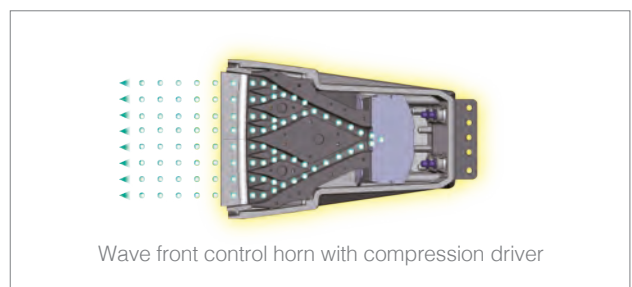
MEETS THE NEED FOR POWERFUL AUDIO

- Power handling: 750W Continuous Program @ 8ohms
- Sensitivity (1W,1m): 100dB
- Speaker design consists of four integrated modules that can be adjusted individually to optimize the vertical dispersion angle.



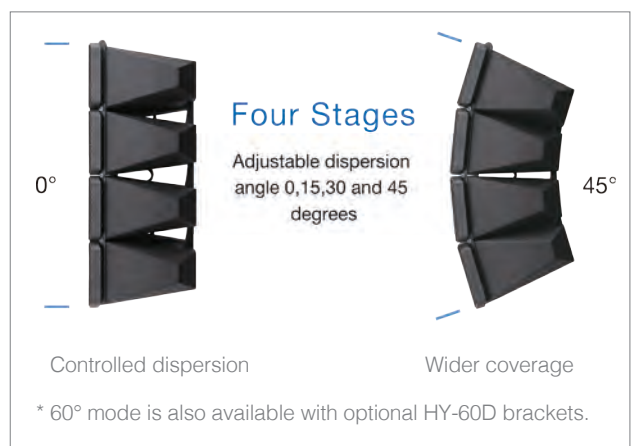
INCREASES COVERAGE AND ENHANCES INTELLIGIBILITY

- Built-in isophasic wavefront control horn with compression driver ensures precise HF control and superior reproduction of HF sounds.
- Newly added 0° mode facilitates the most effective line array set-up.



OFFERS EASE OF INSTALLATION

- Easily adjustable vertical dispersion angle.





MULTI UNIT CONFIGURATION

- Maximum two speaker units can be stacked.

APPLICATION EXAMPLES



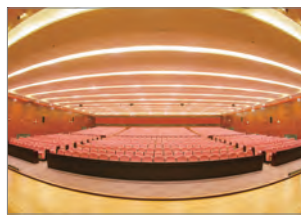
Stadiums



Houses of worship



Arenas / Indoor sports facilities

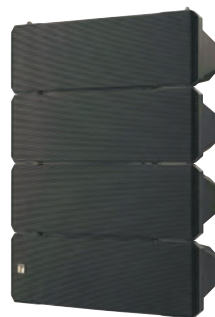


Auditoriums



LINEUP OF HX-7 SERIES

High / mid-range unit



HX-7B / HX-7B-WP



HX-7W / HX-7W-WP

Low-range unit



FB-150B



FB-150W

*"-WP" is weather-proof type

MORE COMPACT VERSION – HX-5 SERIES

- Power handling: 600W Continuous Program @ 8 ohms
- Sensitivity (1W, 1m): 96dB @ 60° mode to 99dB @ 15° mode
- Components: 4 x 4.72" cone-type LF drivers and 12 x 1" balanced dome tweeters
- Dimensions (WxHxD): 408 x 546 x 342mm (16.1" x 21.5" x 13.5")



HX-5B / HX-5B-WP



HX-5W / HX-5W-WP

SPECIFICATIONS

| | |
|-------------------------|--|
| Speaker | HX-7B / HX-7W |
| Enclosure | Bass-reflex type |
| Power Handling Capacity | Continuous pink noise: 250W (IEC60268-5: 350W) Continuous program: 750W |
| Rated Impedance | 8 Ω |
| Sensitivity | 100dB (1W, 1m) |
| Frequency Response | 75Hz - 20kHz |
| Crossover Frequency | 1.7 kHz |
| Directivity Angle | Horizontal: 100°, Vertical: Depending on directivity angle mode |
| Speaker Component | Low frequency: 13 cm (5.5") cone-type x 8 High frequency: Wave front control horn with compression driver x 4 |
| Input Terminal | Speakon NL4MP x 2 and M4 screw terminal, distance between barriers: 9 mm (0.35") |
| Finish | Enclosure: Polypropylene, black or white (HX-7B/W) Punched net: Surface-treated steel plate, black or white (HX-7B/W), paint Hanging bracket: Steel plate, t3.0, black or white (HX-7B/W), paint |
| Dimensions | 497 (W) x 664 (H) x 274 (D) mm (19.57" x 26.14" x 10.79") |
| Weight | 30 kg (66.14 lb) |
| Accessory | Hanging bracket L, R (L and R are symmetrical to each other) x 1 (each) Hanging bracket mounting bolt x 4 |
| Option | Matching Transformer: MT-200 (*1) Matching transformer Adapter: HY-MT7 Speaker mounting bracket: HY-60DB/W, HY-CN7B/W, HY-PF7B/W HY-VM7B/W, HY-WM7B/W (*2), HY-C0801W (*2) Speaker stand adapter: HY-ST7 |

| | |
|-------------------------|---|
| Speaker (Weather-proof) | HX-7B-WP / HX-7W-WP HX-7W-WPEN ^(*) / HX-7B-WPEN ^(*) |
| Enclosure | Sealed type |
| Power Handling Capacity | Continuous pink noise: 250W (IEC60268-5: 350 W) Continuous program: 750W |
| Rated Impedance | 8 Ω |
| Sensitivity | 100dB (1W, 1m) |
| Frequency Response | 105Hz - 20kHz |
| Crossover Frequency | 1.7 kHz |
| Directivity Angle | Horizontal: 100°, Vertical: Depending on directivity angle mode |
| Speaker Component | Low frequency: 13 cm (5.5") cone-type x 8 High frequency: Wave front control horn with compression driver x 4 |
| Input Terminal | M4 screw terminal, distance between barriers: 9 mm (0.35") |
| Water Protection | IPX4 (Install with every speaker module tilted downward from the horizontal.) |
| Finish | Enclosure: Polypropylene, black or white (HX-7B/W-WP); Punched net: Surface-treated steel plate, black & white (HX-7B/W-WP), rust proof coating |
| Dimensions | 497 (W) x 664 (H) x 274 (D) mm (19.57" x 26.14" x 10.79") |
| Weight | 30 kg (66.14 lb) |
| Accessory | Terminal cover x 1, Terminal cover mounting screw x 4, Rubber packing x1 |
| Option | Matching Transformer: MT-200 (*1) Matching Transformer Adapter: HY-MT7 Speaker mounting bracket: HY-TM7B/W-WP, HY-MS7B/W-WP HY-60DB/W-WP, HY-CN7B/W-WP |

| | |
|-------------------------|--|
| Subwoofer | FB-150B / FB-150W |
| Power Handling Capacity | Continuous pink noise: 200W Continuous program: 600W |
| Impedance | 8 Ω |
| Sensitivity | 93dB (1W, 1m) |
| Frequency Response | 40Hz - 400Hz (-10dB) |
| Speaker Component | 38cm (15") cone-type |
| Input Terminal | Speakon NL4MP x 2 and M5 screw terminal distance between barriers: 12.2mm (0.48") |
| Finish | Enclosure: MDF, black or white (FB-150B/W), urethane paint Punched net: Surface-treated steel plate, black & white (FB-150B/W), paint |
| Dimensions | 505 (W) x 528 (H) x 477 (D) mm (19.88" x 20.79" x 19.17") |
| Weight | 30 kg (66.14 lb) |
| Option | Speaker rigging frame: HY-PF7B/W |

(*1) When mounting the MT-200 Matching Transformer to the speaker, an optional HY-MT7 Matching Transformer Adapter is required.

(*2) HY-VM7B/W Speaker Mounting Bracket is separately required.

(*3) EN54-24 certified version

OPTIONAL ACCESSORIES

