



HX-7

Variable Dispersion Line Array



**Powerful & compact with
flexible installation options.**

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

HX-7

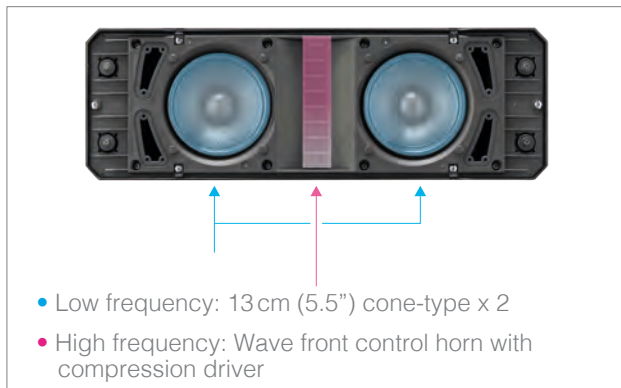
Variable Dispersion Line Array

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.

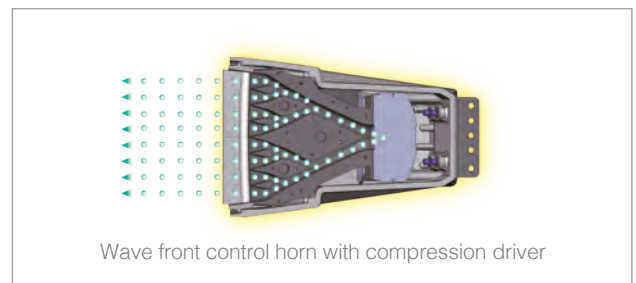
MEETS THE NEED FOR POWERFUL AUDIO

- 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.



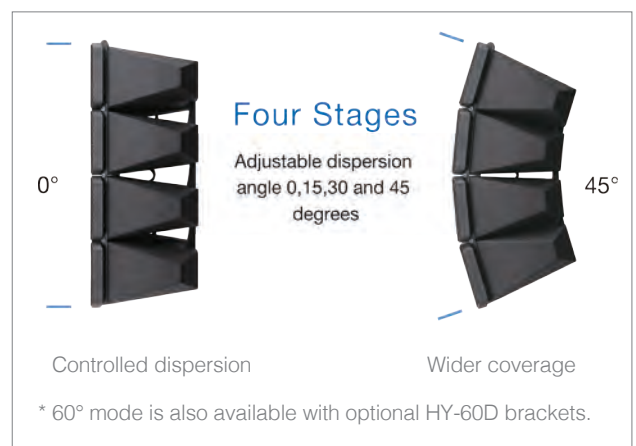
INCREASES COVERAGE AND ENHANCES INTELLIGIBILITY

- 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

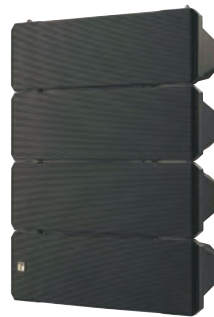


Auditoriums



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 @ 8ohms
- 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: 250 W (IEC60268-5: 350W) Continuous program: 750W
Rated Impedance	8 Ω
Sensitivity	100dB (1W, 1m)
Frequency Response	75 Hz - 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 ^(*)3) / HX-7B-WPEN ^(*)3)
Enclosure	Sealed type
Power Handling Capacity	Continuous pink noise: 250W (IEC60268-5: 350 W) Continuous program: 750W
Rated Impedance	8Ω
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: 13cm (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: 9mm (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	30kg (66.14lb)
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	30kg (66.14lb)
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

Speaker Connection Bracket



Angle Adjustment Bar

*Allows the dispersion angle 60 degrees.



Rigging Frame



Rigging Bracket



Wall Mounting Bracket



Rigging Bracket



Wall Mounting Bracket



Matching Transformer Adapter



Speaker Stand Adapter



TOA Electronics Europe GmbH

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Specifications are subject to change without notice.

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