

Specifications

| Speaker | HX-7B/HX-7W |
|-------------------------|--|
| Enclosure | Bass-reflex type |
| Power Handling Capacity | Continuous pink noise: 250 W (IEC60268-5: 350 W) Continuous program: 750 W |
| Rated Impedance | 8 Ω |
| Sensitivity | 100 dB (1 W, 1 m) |
| Frequency Response | 75 Hz - 20 kHz |
| 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, 13.0, 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.) --1 each Hanging bracket mounting bolt --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 |
|-------------------------|---|
| Enclosure | Sealed type |
| Power Handling Capacity | Continuous pink noise: 250 W (IEC60268-5: 350 W) Continuous program: 750 W |
| Rated Impedance | 8 Ω |
| Sensitivity | 100 dB (1 W, 1 m) |
| Frequency Response | 105 Hz - 20 kHz |
| 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 --1, Terminal cover mounting screw --4 Rubber packing --1 |
| 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: 200 W Continuous program: 600 W |
| Impedance | 8 Ω |
| Sensitivity | 93 dB (1 W, 1 m) |
| Frequency Response | 40 Hz - 400 Hz (-10 dB) |
| Speaker Component | 38 cm (15") cone-type |
| Input Terminal | Speakon NL4MP x 2 and M5 screw terminal, distance between barriers: 12.2 mm (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, on optional HY-MT7 Matching Transformer Adapter is required.
(*2) HY-VM7B/W Speaker Mounting Bracket is separately required.

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

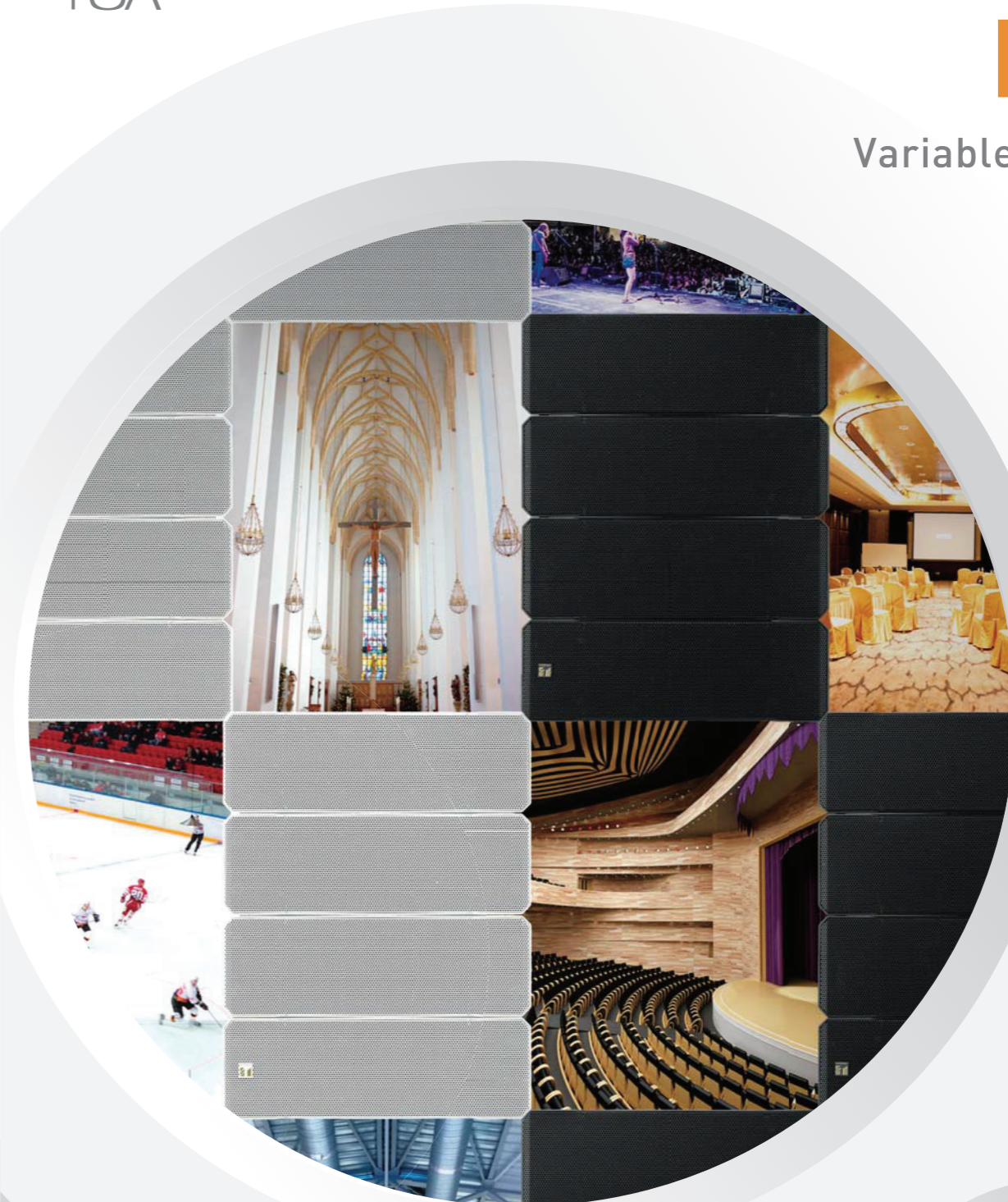


Speaker Stand Adapter



HX-7

Variable Dispersion Speaker



TOA Electronics Pte Ltd

www.toa.com.sg

Specifications are subject to change without notice.
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From a Whisper to a Scream

Introducing the all new HX-7 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 and 45 degrees.

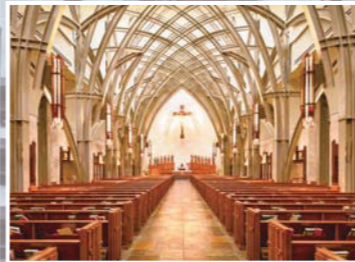
Offering pristine clarity in a wide range of applications from sports venues, auditoriums, concert hall and challenging houses of worship. With the HX-7 you're getting affordable quality and stellar performance. What you get is all that can be heard, from a whisper to a scream, TOA has it covered.



Application examples



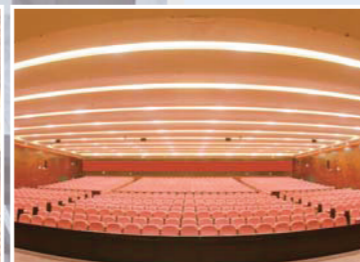
Stadiums



Houses of worship



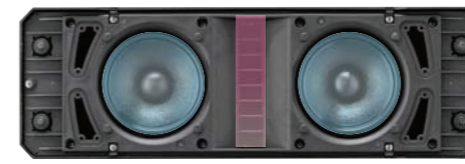
Arenas/Indoor sports facilities



Auditoriums

Meets the need for powerful audio

- Power handling: 750W Continuous Program@8 ohms
- Sensitivity (1W,1m): 100 dB



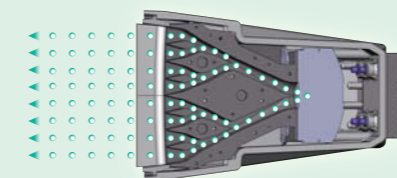
- 2 x 5.5" LF speakers.
- Waveguide loaded 1" HF compression driver.



- Design consists of four integrated speaker "cells" that can be adjusted to optimize the vertical dispersion angle.

Increases coverage and enhances intelligibility

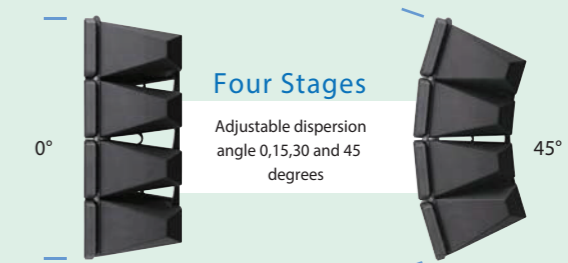
- Built-in isophasic wavefront control horn ensures precise HF control and superior reproduction of HF sounds.



High frequencies compression driver

- Newly added 0° mode facilitates the most effective line array set-up.

* 60° mode is also available with optional HY-60D brackets.



Four Stages

Adjustable dispersion angle 0, 15, 30 and 45 degrees

0°

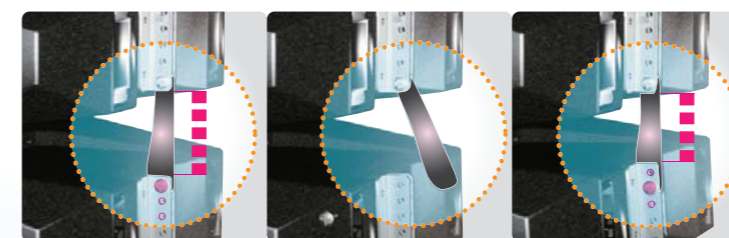
Controlled dispersion

45°

Wider coverage

Offers ease of installation

- Easily adjustable vertical dispersion angle.



0° mode

15° mode

Multi unit configuration

- Maximum two speaker units can be stacked.



Lineup of HX-7 Series

- High / mid-range unit

- Low-range unit



HX-7B/HX-7B-WP



HX-7W/HX-7W-WP



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): 96 dB @60°mode to 99 dB@15°mode
- Components: 4 x 4.72" cone-type LF drivers and 12 x 1" balanced dome tweeters
- Dimensions(WxHxD): 408 x 546 x 342 mm (16.1" x 21.5" x 13.5")



HX-5B/HX-5B-WP



HX-5W/HX-5W-WP