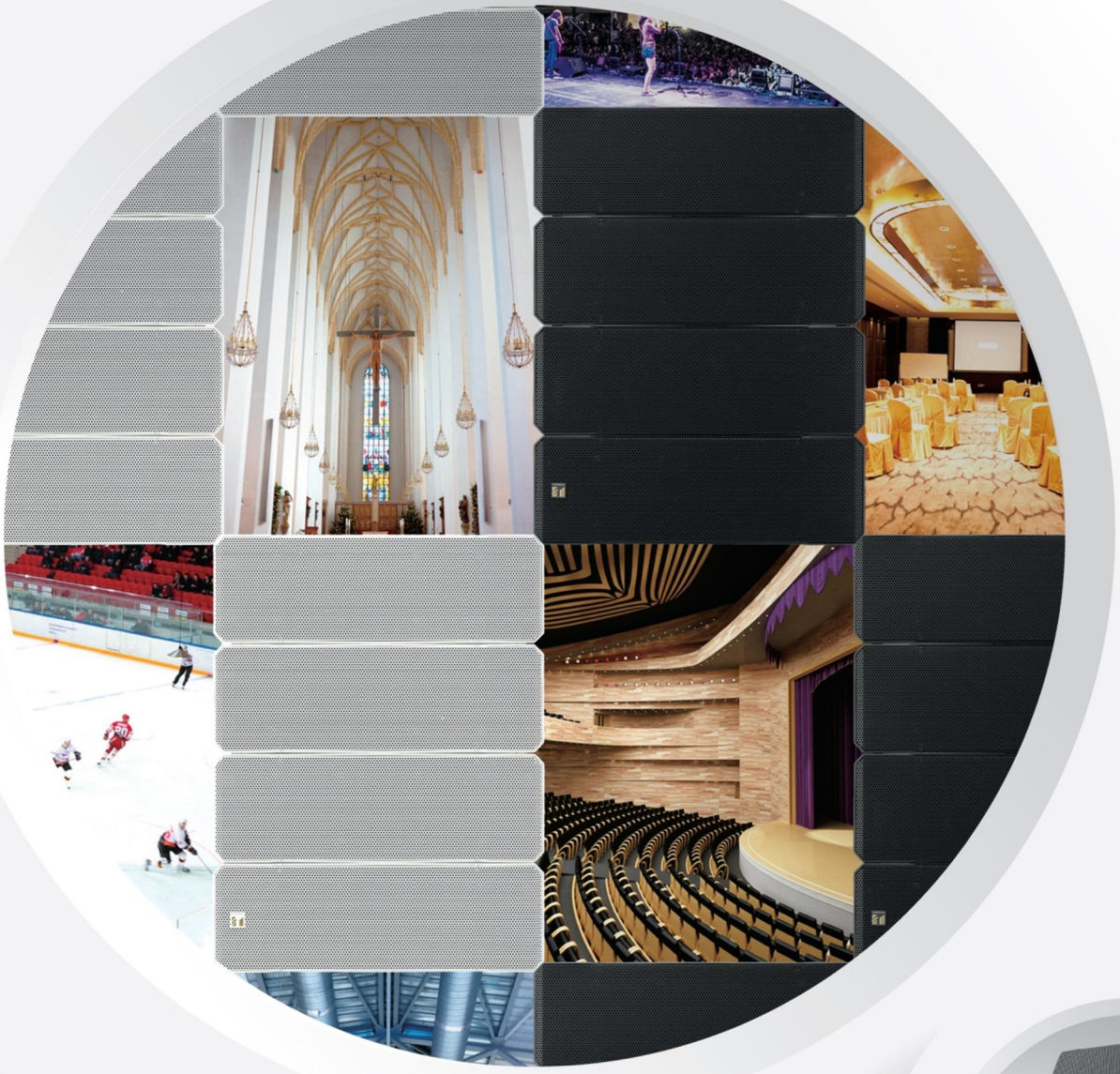
TOA

Z-7HX-AS

Variable Dispersion Speaker



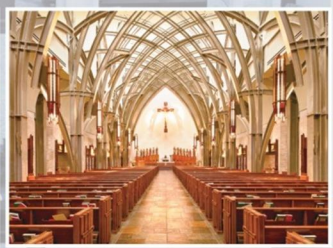
From a Whisper to a Scream

Introducing the all new Z-7B/WHX-AS variable dispersion line array with SYNC-Drive waveguide technology.Thanks to its award winning enclosure design, employing four modules per unit, the Z-7B/WHX-AS allows precise adjustment of sound dispersion angles of 0 - 15 - 30 and 45 degrees.

Z-7B/WHX-AS menyajikan kejernihan yang alami dalam berbagai aplikasi ruangan seperti stadion, auditorium, concert hall, dan rumah ibadah. Dengan Z-7B/WHX-AS, Anda akan mendengar suara yang jernih diseluruh ruangan Anda

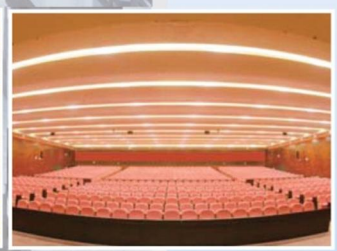
Application examples

Stadiums



Houses of worship

Arenas / Indoor sports facilities



Auditoriums

Meets the need for powerful audio

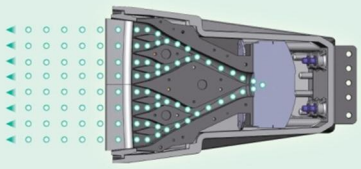
- Power handling: Continuous Pink Noise : 350W, Continuous Program: 700W, Rated Impedance : 8 ohms
- Sensitivity (1W,1m): 100 dB

- 2 × 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

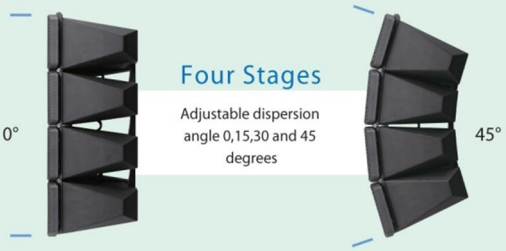
- Built-in isophasic wavefront control horn ensures precise HF control and superior reproduction of HF sounds.



High frequencies compression driver

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

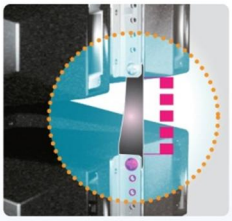
∗ 60°mode is also available with optional HY-60D brackets.



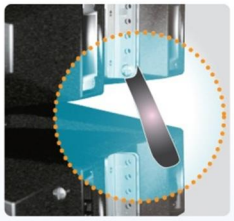
Controlled dispersion　　Wider coverge

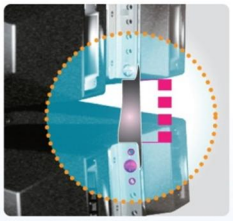
Offers ease of installation

- Easily adjustable vertical dispersion angle.



0° mode

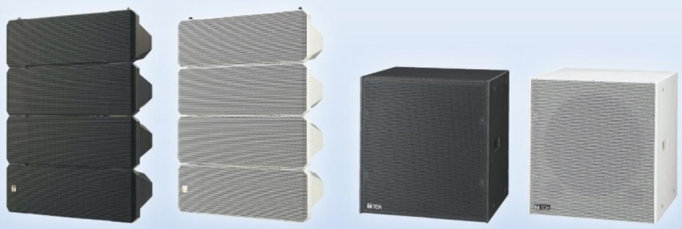




15° mode

Lineup of ZHX-7 Series

- High / mid-range unit
- Low-range unit



Z-7B-HX-AS / Z-7BW-HX-AS　Z-7W-HX-AS /Z-7WW-HX-AS　FB-150B　FB-150W

Multi unit configuration

- Maximum two speaker units can be stacked.

Specifications

Speaker	Z-7B-HX-AS／Z-7W-HX-AS
Enclosure	Bass-reflex type
Power Handling Capacity	Continuous pink noise: 350 W Continuous program: 700W
Rated Impedance	8Ω
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 Punched net: Surface-treated steel plate, black or white, paint Hanging bracket: Steel plate, t3.0, black or white, 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: ZT-200 (*1) Matching transformer Adapter: ZY-MT7-AS Speaker mounting bracket: ZY-60DB/W-AS, ZY-CN7B/W-AS, ZY-PF7B/W-AS HY-VM7B/W, HY-WM7B/W (*2), HY-C0801/W (*2) Speaker stand adapter: HY-ST7

Speaker (Weather-proof)	Z-7BW-HX-AS／Z-7WW-HX-AS
Enclosure	Sealed type
Power Handling Capacity	Continuous pink noise: 350 W Continuous program: 700 W
Rated Impedance	8Ω
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 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: ZT-200 (*1) Matching Transformer Adapter: ZY-MT7-AS Speaker mounting bracket: ZY-60DBW/WW-AS, ZY-CN7BW/WW-AS, HY-MS7B/W-WP, HY-TM7B/W-WP

Subwoofer	FB-150B／FB-150W
Power Handling Capacity	Continuous pink noise: 200 W Continuous program: 600 W
Impedance	8Ω
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, urethane paint Punched net: Surface-treated steel plate, black & white , 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 ZT-200 Matching Transformer to the speaker, on optional ZY-MT7-AS Matching Transformer Adapter is required.

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

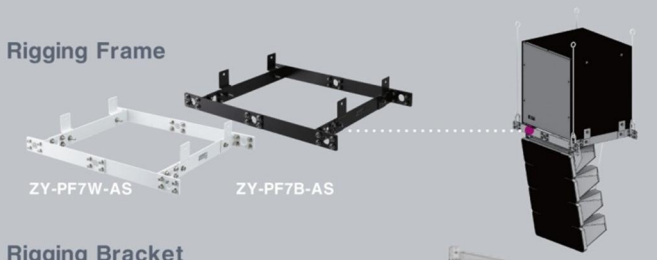
Optional Accessories

Speaker Connection Bracket

Angle Adjustment Bar

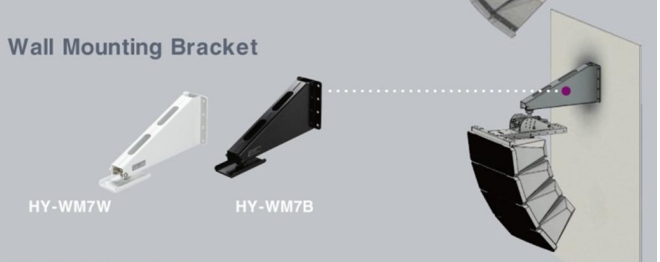
*Allows the dispersion angle 60 degrees.

Rigging Frame



Rigging Bracket

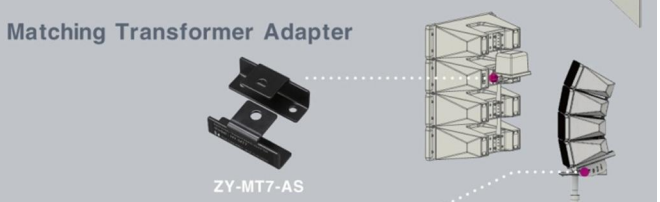
Wall Mounting Bracket



Rigging Bracket

Wall Mounting Bracket

Matching Transformer Adapter



Speaker Stand Adapter