

LINE ARRAY SPEAKER SYSTEMS

TYPE H



Slim Line Array Speakers with Clear, Well-focused Sound Enhancement

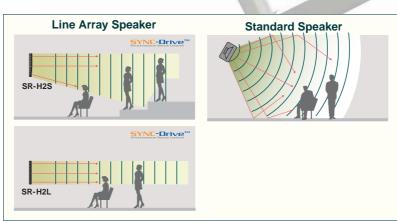
Slim and stylish TOA Type H Line high-quality audio for a wide ve



TOA Type H Line Array Speakers come with such soundenhancing benefits as clear sound, excellent directionality of focus on the listening area, and transmission of clear, even sound over a distance, thanks to a low degree of sound attenuation.

These speakers are well-suited for medium-sized mainly speech applications where clear, uniformly dispersed sound that is audible at a distance is essential, such as conference centers, houses of worship and railway stations, or venues with highly reflective interior surfaces. The Type H consists of four models, in short or long lengths and straight or curved variations. The short models contain 9 vertically connected 7-cm full-range speaker units, while the taller long models come with 18 speaker units. Both lengths work to provide high-quality sound even when an equalizer is not used.

The speaker units come in a slim, energy-efficient and cost-effective design, with a body that is narrower than earlier versions, so they are well-suited to a wide range of venue interiors.





SR-H2L SR-H2S



SR-H39

SR-H3L

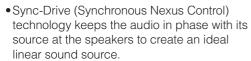




e Array Speakers ensure cost-efficient, nue and decor range.



Outstanding Sound Quality





- Line array configuration of speakers works to produce clear sound with reduced attenuation over distance.
- Speakers are reflection-free and feedback resistant.
- Speakers are designed for optimally precise directivity of sound, especially horizontal directivity, so the audio dispersion can be more accurately focused at the targeted area.
- Curved speaker models rely on a hyper-clothoid concept curved array that ensures improved horizontal dispersion.

Application Versatility

- Selection among four models is possible, enabling more extensive customization of the listening area.
- Most applications are fully covered by no-extension (one cabinet) set-ups, but up to two units can be connected when an expanded vertical coverage area is suitable.
- Attractive & narrow 84mm design is thinner than earlier similar units, allowing speakers to fit in well with the interior decor of the venue.

Space/Energy Efficient Design

- Energy-efficient line array configuration requires less input power to deliver required output.
- High-quality sound reproduction even when an equalizer is not used.
- Fully effective operation is possible without additional amplification equipment, saving space and adding to the unit's cost effectiveness.

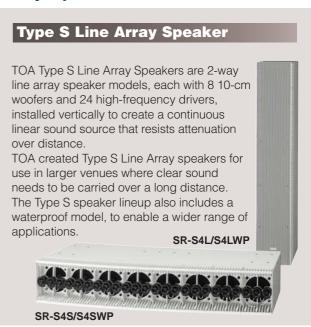
Easy & Flexible Installation

- A wide variety of optional mounting brackets is available, for wall-mounting, rigging, and stand mounting the Type H speakers.
- Removable input terminal connectors make hook-ups easier and less cumbersome.



 For high-impedance operation, an optional matching transformer MT-S0301 is available.

For Applications Requiring Water-proof or 2-way Speaker Models

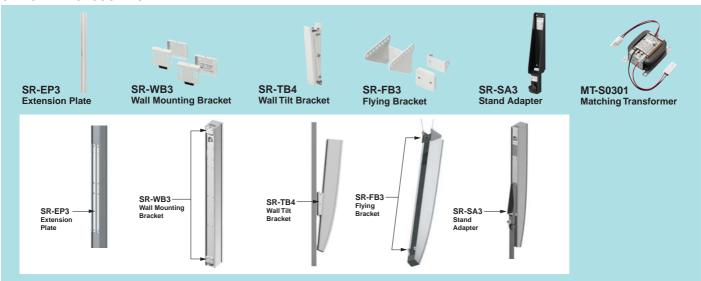


TOA makes both Type S and Type H speaker lineups available, to allow users to select the speaker model that best suits their particular application requirements.

SPECIFICATIONS

TYPE H	SR-H2L	SR-H2S	SR-H3L	SR-H3S		
Enclosure	Bass-reflex type					
Power Handling Capacity	Continuous program: 180W		Continuous program: 360W			
Rated Impedance	8Ω					
Sensitivity (1W, 1m equivalent measured at 4m)	92dB	90dB	95dB	92dB		
Frequency Response	80 – 18,000Hz (when using optional Digital processor)	90 – 17,000Hz (when using optional Digital processor)	110 – 18,000Hz (when using optional Digital processor)	90 – 17,000Hz (when using optional Digital processor)		
Directivity Angle	Horizontal: 90° Vertical: 0° (within the range of speaker height)	Horizontal: 90° Vertical: 20°	Horizontal: 90° Vertical: 0° (within the range of speaker height)	Horizontal: 90° Vertical: 20°		
Speaker Component	7cm (2.8") cone-type × 9		7cm (2.8") cone-type × 16			
Input Connector	Removable input connector					
Finish Enclosure: Front grille:	MDF, white, urethane paint Punched steel plate, white, acrylic paint					
Dimensions	84 (W) × 668.4 (H) × 115 (D)mm (3.31" x 26.31" x 4.53")	84 (W) × 663.4 (H) × 115 (D)mm (3.31" x 26.12" x 4.53")	84 (W) × 1186.4 (H) × 115 (D)mm (3.31" x 46.71" x 4.53")	84 (W) × 1177.2 (H) × 157 (D)mm (3.31" x 46.35" x 6.18")		
Weight	4.4kg (9.7 lb)	4.2kg (9.26 lb)	7.6kg (16.75 lb)	7.9kg (17.42 lb)		
Option	Extension plate: SR-EP3, Wall mounting bracket: SR-WB3, Wall tilt bracket: SR-TB3, Flying bracket: SR-FB3, Speaker stand adapter: SR-SA3, Speaker stand: ST-33B, Matching transformer: MT-S0301, Digital processor: DP-0206					

OPTIONAL ACESSORIES



		SR-S4L	SR-S4LWP	SR-S4S	SR-S4SWP		
Enclosure		Bass-reflex type	Sealed type	Bass-reflex type	Sealed type		
Power Hand	lling Capacity	Continuous program: 600W (single amp mode) / Low 240W, High 240W (biamp mode)					
Rated Impe	dance	8Ω (single amp mode) / Low 8Ω , High $8\dot{E}\partial$ (biamp mode)					
Sensitivity (1W, 1m) 94		dB	93dB				
Frequency F	Response	70 – 20,000Hz (when using the optional DP-0206 Digital processor)					
Crossover F	requency	3,500Hz					
Directivity Angle Horizon Vertical: 0° (within the		tal: 90° range of speaker height)	Horizontal: 90° Vertical: 10°				
Speaker Cor	mponent	Low frequency: 10cm (4*) cone-type × 8 High frequency: 2.5cm (1*) balanced dome-type × 24					
Dust/Water Protection		_	IPX4	_	IPX4		
Finish	Enclosure:	MDF, white, paint	Plywood, white, urethane coating	MDF, white, paint	Plywood, white, urethane coating		
	Front grille:	Punched steel plate, white, acrylic paint	Punched stainless steel (SUS304), white, paint	Punched steel plate, white, acrylic paint	Punched stainless steel (SUS304), white, paint		
Dimensions		160 (W) × 895 (H) × 255 (D)mm (6.30" × 35.24" × 10.04")		160 (W) × 892 (H) × 303 (D)mm (6.30" × 35.12" × 11.93")			
Weight		16kg (35.27 lb)					

