TOA

LINE ARRAY SPEAKER SYSTEMS

TYPE C



Superior sound reinforcement and uniform sound dispersion

Sound reinforcement applications with



SR-C8L/SR-C8LWP



SR-C8S/SR-C8SWP

TOA Type C speakers are module-type 2-way line array speaker systems featuring a 20-cm low-frequency Neodymium woofer and two 2.5 cm Neodymium drivers. They are designed to take advantage of original TOA phase wave front control technology, enabling creation of a sound field combining clear audio reproduction and uniform sound dispersion. Type C speakers consist of six models: one with a 15° vertical sound dispersion angle, making it ideal for shorter distance applications, another with a 5° vertical dispersion angle, intended for longer-range sound dispersion applications, and a 38-cm (15") subwoofer model. Each of these three models is also available in a splash-proof (IPX4) variation. Combining different types of speakers enables creation of an optimal sound delivery system to specified areas. Type C speakers are designed to provide superior audio even in such often inhospitable applications as stadiums, arenas, theaters and airports.



SR-C8L/SR-C8S

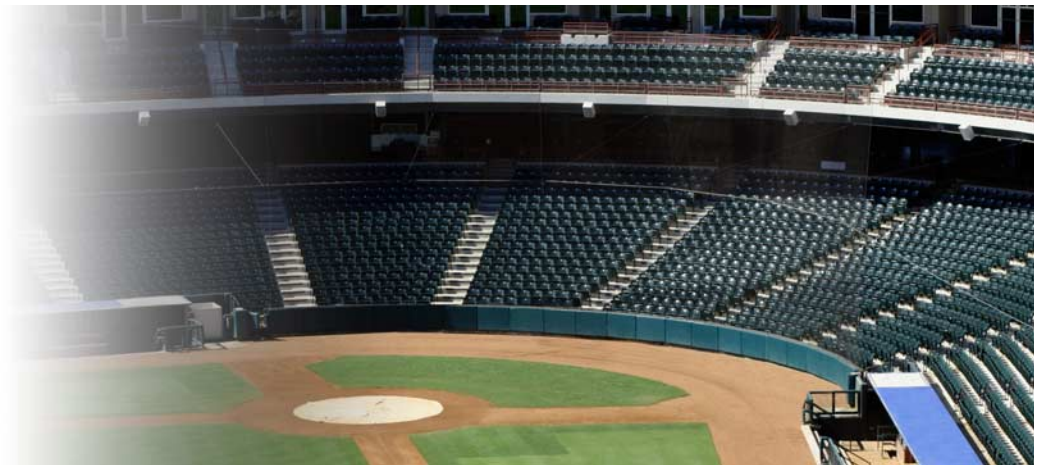


SR-C8LWP/SR-C8SWP (IPX4 rated)

high fidelity and outstanding clarity



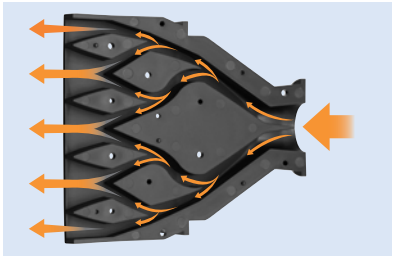
SR-C15B/SR-C15BWP



Superior Sound Quality

- **"Sync-Drive" -** Type C speakers feature TOA proprietary "Sync-Drive" wave guide technology, to provide a uniform, high frequency sound field offering excellent sound clarity and minimal interference.

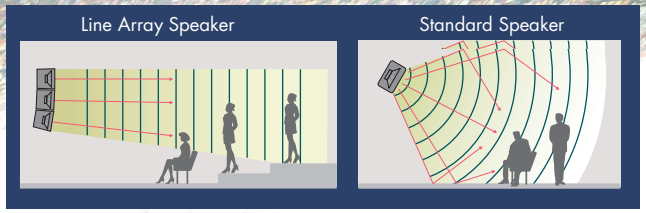
SYNC Drive™



- **High-fidelity sound -** Thanks to the well thought-out design of the speaker's phase wave-front control technology, high-fidelity sound is produced without causing attenuation of high-frequency sound.

Effective Sound Reinforcement

- **Focus on the targeted listening area -** Maximally precise sound directivity is designed into the speakers, particularly for vertical dispersion, thereby focusing the audio on the intended reception area more accurately
- **Adjustable sound coverage -** With Type C speaker systems, most operating applications can be covered so as to best meet user needs by connecting a number of speakers, and by combining speakers with different dispersion angle.
- **Clear sound -** Type C speakers are resistant to feedback and enjoy reflection-free operation.



Application Versatility

- **Single or bi-amp mode -** by changing the position of an internal connector, Type C series speakers can be used in single or bi-amp mode.
- **Splash-proof speaker models -** SR-C8LWP/SR-C8SWP/SR-C15BWP are available to widen the range of potential applications.
- **Optional brackets -** More flexible installation options are made possible thanks to a selection of available mounting brackets.


SR-C8L/SR-C8S/SR-C15B


SR-C8LWP/SR-C8SWP/
SR-C15BWP (IPX4 rated)

Ease of Maintenance

- Both the low frequency driver and the high frequency driver can be quickly replaced from the rear of the speaker enclosure for ease of service and maintenance.

For applications requiring greater output and low-frequency sound enhancement

Type A Line Array Speaker

The SR-A12 Series features a 2-way multi-amplifier driven speaker system featuring a 30-cm (12") low-frequency driver and 2 compression drivers.


SR-A12L/SR-A12LWP


SR-A18B


SR-A12S/SR-A12SWP

SPECIFICATIONS

	SR-C8L	SR-C8S	SR-C8LWP	SR-C8SWP
Enclosure	Bass-reflex type			
Power Handling Capacity	Continuous program: 360 W (single-amp mode) Low frequency: 360 W, high frequency: 180 W (bi-amp mode)			
Rated Impedance	16 Ω (single-amp mode) Low frequency: 16 Ω, high frequency: 16 Ω (bi-amp mode)			
Sensitivity	98 dB (1 W , 1 m) (single-amp mode) Low: 95 dB (1W, 1m), High: 110 dB (1W, 1m) (bi-amp mode)			
Frequency Response	65 – 20,000 Hz (when equalized at recommended parameters)			
Crossover Frequency	1,600 Hz (when equalized at recommended parameters)			
Directivity Angle	Horizontal: 110° Vertical: 5°	Horizontal: 110° Vertical: 15°	Horizontal: 110° Vertical: 5°	Horizontal: 110° Vertical: 15°
Speaker Component	Low frequency: 20 cm (8") cone type High frequency: Wave-front control horn 110° (horizontal) × 5° (vertical) + compression drivers × 2	Low frequency: 20 cm (8") cone type High frequency: Wave-front control horn 110° (horizontal) × 15° (vertical) + compression drivers × 2	Low frequency: 20 cm (8") cone type High frequency: Wave-front control horn 110° (horizontal) × 5° (vertical) + compression drivers × 2	Low frequency: 20 cm (8") cone type High frequency: Wave-front control horn 110° (horizontal)15° (vertical) + compression drivers × 2
Input Connector	M5 screw terminal, distance between barriers: 12.2 mm (0.48") and Neutrik NL4MP × 2		—	
Connected Cable	—		Direct cable withdrawal from internal speaker: ø8.6 mm (ø0.34") conductor cross section: 1.25 mm² (0.05"), 4-core cable, 3 m (9.84 ft)	
Dust/Water Protection	—		IPX4	
Finish Enclosure: Front grille:	Plywood, black, urethane paint Punched steel plate, black, paint		Plywood, black, urethane coating Punched stainless steel, black, paint	
Dimensions	526.6(W) × 293(H) × 296(D)mm (20.73" × 11.54" × 11.65")	526.6(W) × 293(H) × 294(D)mm (20.73" × 11.54" × 11.57")	526.6(W) × 293(H) × 296(D)mm (20.73" × 11.54" × 11.65")	526.6(W) × 293(H) × 294(D)mm (20.73" × 11.54" × 11.57")
Weight	17 kg (37.48 lb)	16 kg (35,27 lb)	17 kg (37.48 lb)	16 kg (35,27 lb)
Accessory	M8 connection bolt × 4			
Options	Cluster bracket: SR-CL8, Rigging frame: SR-RF8, Tilt joint bracket: SR-TP8, Digital processor: DP-0206		Rigging frame: SR-RF8WP, Digital processor: DP-0206	

	SR-C15B	SR-C15BWP
Enclosure	Bass-reflex type	
Power Handling Capacity	Continuous program: 450 W	
Rated Impedance	8 Ω	
Sensitivity	93 dB (1 W , 1 m)	
Frequency Response	40 – 400 Hz (when equalized at recommended parameters)	
Crossover Frequency	125 Hz (when equalized at recommended parameters)	
Speaker Component	38 cm (15") cone type	
Input Conncector	M5 screw terminal, distance between barriers: 12.2 mm (0.48") and Neutrik NL4MP x 2	—
Connected Cable	—	Direct cable withdrawal from internal speaker: ø8.6 mm (ø0.34") conductor cross section: 1.25 mm² (0.05"), 4-core cable, 3 m (9.84 ft)
Operating Temperature	—	-10°C to +50°C (14°F to 122°F)
Dust/Water Protection	—	IPX4
Finish Enclosure: Front grille:	Plywood, black, urethane paint Punched steel plate, black, paint	Plywood, black, urethane coating Punched stainless steel plate, black, paint
Dimensions	526.6(W) × 594.8(H) × 550(D)mm (20.73" × 23.42" × 21.65")	
Weight	41 kg (90.39 lb)	
Accessory	M8 connection bolt × 4	
Options	Rigging frame: SR-RF8, Digital processor: DP-0206	Rigging frame: SR-RF8WP, Digital processor: DP-0206

OPTIONAL BRACKETS

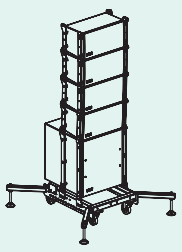


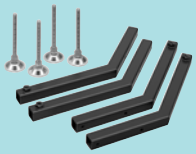
SR-CL8
Cluster Bracket



SR-RF8/SR-RF8WP
Rigging Frame



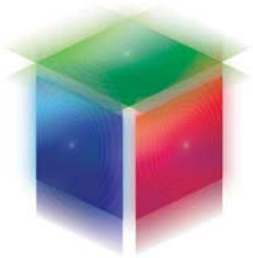




SR-SB8
Rigging Support Bracket



SR-TP8
Tilt Joint Bracket



Human Society with
Sound & Communication

TOA Corporation

www.toa.jp

Specifications are subject to change without notice.
Printed in Japan (0901) 833-52-399-2A u