

SR-C Series speakers

SR-C15B

Line Array Speaker

The speaker shall be sub-woofer system. The component shall consist one 15" (38 cm) woofer. The speaker input connectors shall include screw terminal connections and two Neutrik NL4 type sockets. The speaker shall meet the following performance criteria. Power handling: 450 W continuous program. Frequency response (10 dB below rated pressure sensitivity, with recommended crossover and equalization) 40 to 400 Hz. Sensitivity (1 W at 1 m): 93 dB. Impedance: 8 ohms nominal. The speaker enclosure shall be made of plywood and finished with black urethane paint. The speaker grille shall be made from a single punched steel plate and finished with black paint. The dimensions (W x H x D) shall be 526.6 x 594.8 x 550 mm (20.73" x 23.42" x 21.65") and weight (including accessory brackets) shall be 41 kg (90.39 lbs.). The speaker enclosure shall be equipped with M8 threaded steel plates for the secure attachment of optional accessory brackets. Available accessory brackets for suspension and stand mounting shall be made of steel.

The loudspeaker shall be TOA model SR-C15B.
The rigging frame shall be TOA model SR-RF8.

SR-C15BWP

Line Array Speaker

The speaker shall be sub-woofer system. The component shall consist one 15" (38 cm) woofer. The speaker shall include an integral input connection cable, 8.6 mm (0.34") outside diameter, 4-conductor, 3 m (9.84") long. The speaker shall meet the following performance criteria. Power handling: 450 W continuous program. Frequency response (10 dB below rated pressure sensitivity, with recommended crossover and equalization) 40 to 400 Hz. Sensitivity (1 W at 1 m): 93 dB. Impedance: 8 ohms nominal. The speaker enclosure shall be made of plywood and finished with black urethane coating. The speaker grille shall be made from a single punched stainless steel plate and finished with black paint. The speaker shall comply with the IEC IPX4 standard for dust and water resistance and operate within a temperature range from -10Â°C to +50Â°C (14Â°F to 122Â°F). The dimensions (W x H x D) shall be 526.6 x 594.8 x 550 mm (20.73" x 23.42" x 21.65") and weight (including accessory brackets) shall be 41 kg (90.39 lbs.). The speaker enclosure shall be equipped with M8 threaded steel plates for the secure attachment of optional accessory brackets. Available accessory brackets for suspension and stand mounting shall be made of steel.

The loudspeaker shall be TOA model SR-C15BWP.
The rigging frame shall be TOA model SR-RF8WP.

SR-C8L/SR-C8S

Line Array Speaker

The speaker shall be a two-way component module designed for use in a modular line array system. The low-frequency section shall consist of one 8" (20cm) Neodymium woofer. The high frequency section shall consist of two compression drivers, each having a 1" (25 mm) Neodymium driver. The high frequency waveguide shall consist of two throat sections feeding a single shared mouth, with each throat section incorporating 8 paths of equal length from the driver throat to the waveguide mouth to obtain effectively isophasic output for maximum efficiency of operation in a line array system. The speaker input connectors shall include screw terminal connections for LF and HF inputs and two Neutrik NL4 type sockets, wired in parallel for pass-through to additional speakers. The speaker shall meet the following performance criteria. Power handling in biamp mode: Low Frequency input: 360 W continuous program; High Frequency input: 180 W continuous program. Power handling in single-amp mode: 360 W continuous program. Frequency response (10 dB below rated pressure sensitivity, with recommended crossover and equalization): 65 Hz to 20 kHz. Sensitivity (1 W at 1 m)

in bi-amp mode: Low Frequency: 95 dB; High Frequency: 110 dB. Sensitivity (1 W at 1 m) in single-amp mode: 98 dB. Rated impedance in bi-amp mode: Low Frequency: 16 ohms nominal; High Frequency: 16 ohms nominal. Rated impedance in single-amp mode: 16 ohms nominal.

The speaker's horizontal and vertical coverage shall be tailored for use in a line array consisting of multiple units from the same series arranged one above the other so that each pass-band section forms a vertical line. The horizontal coverage shall be 110 degrees nominal. The vertical coverage shall be SR-C8L: 5 degrees nominal; SR-C8S: 15 degree nominal. Extending the vertical coverage area shall be possible by stacking multiple units from the same series. The consistency of coverage shall not be degraded when multiple units are stacked.

The combined vertical coverage of multiple units, when stacked, shall be adjustable from that of a straight line array (coverage area defined by the height of the array) to a curved array, with the combined coverage angle adjustable in 1 degree increments.

The speaker enclosure shall be made of plywood and finished with black urethane paint. The speaker grille shall be made from a single punched steel plate and finished with black paint. The dimensions (W x H x D) shall be SR-C8L: 526.6 x 293 x 296 mm (20.73" x 11.54" x 11.65"); SR-C8S: 526.6 x 293 x 294mm (20.73" x 11.54" x 11.57") and weight shall be SR-C8L: 17 kg (37.48 lbs.); SR-C8S: 16 kg (35.27 lbs.). The speaker enclosure shall be equipped with M8 threaded steel plates for the secure attachment of optional accessory brackets.

The loudspeaker shall be TOA model SR-C8L/SR-C8S.

The cluster bracket shall be TOA model SR-CL8.

The rigging frame shall be TOA model SR-RF8.

The tilt joint bracket shall be TOA model SR-TP8.

SR-C8LWP/SR-C8SWP

Line Array Speaker

The speaker shall be a two-way component module designed for use in a modular line array system. The low-frequency section shall consist of one 8" (20cm) Neodymium woofer. The high frequency section shall consist of two compression drivers, each having a 1" (25 mm) Neodymium driver. The high frequency waveguide shall consist of two throat sections feeding a single shared mouth, with each throat section incorporating 8 paths of equal length from the driver throat to the waveguide mouth to obtain effectively isophasic output for maximum efficiency of operation in a line array system. The speaker shall include an integral input connection cable, 8.6 mm (0.34") outside diameter, 4-conductor, 3 m (9.84") long.

The speaker shall meet the following performance criteria. Power handling in biamp mode: Low Frequency input: 360 W continuous program; High Frequency input: 180 W continuous program. Power handling in single-amp mode: 360 W continuous program. Frequency response (10 dB below rated pressure sensitivity, with recommended crossover and equalization): 65 Hz to 20 kHz. Sensitivity (1 W at 1 m) in bi-amp mode: Low Frequency: 95 dB; High Frequency: 110 dB. Sensitivity (1 W at 1 m) in single-amp mode: 98 dB. Rated impedance in bi-amp mode: Low Frequency: 16 ohms nominal; High Frequency: 16 ohms nominal. Rated impedance in single-amp mode: 16 ohms nominal.

The speaker's horizontal and vertical coverage shall be tailored for use in a line array consisting of multiple units from the same series arranged one above the other so that each pass-band section forms a vertical line. The horizontal coverage shall be 110 degrees nominal. The vertical coverage shall be SRC8LWP: 5 degrees nominal; SR-C8SWP: 15 degree nominal. Extending the vertical coverage area shall be possible by stacking multiple units from the same series. The consistency of coverage shall not be degraded when multiple units are stacked. The combined vertical coverage of multiple units, when stacked, shall be adjustable from that of a straight line array (coverage area defined by the height of the array) to a curved array, with the combined coverage angle adjustable in 1 degree increments.

The speaker enclosure shall be made of plywood and finished with black urethane coating. The speaker shall comply with the IEC IPX4 standard for dust and water resistance and operate within a temperature range from -10i;°C to +50i;°C (14i;°F to 122i;°F). The speaker grille shall be made from a single punched stainless steel plate and finished with black paint. The dimensions (W x H x D) shall be SR-C8LWP: 526.6 x 293 x 296 mm (20.73" x 11.54" x 11.65"); SRC8SWP: 526.6 x 293 x 294 mm (20.73" x 11.54" x 11.57") and weight shall be SR-C8LWP: 17 kg (37.48 lbs.); SR-C8SWP: 16 kg (35.27 lbs.). The speaker enclosure shall be equipped with M8 threaded steel plates for the secure attachment of optional accessory brackets.

The loudspeaker shall be TOA model SR-C8LWP/SR-C8SWP.

The rigging frame shall be TOA model SR-RF8WP.

