

is-15 & is-15a Features

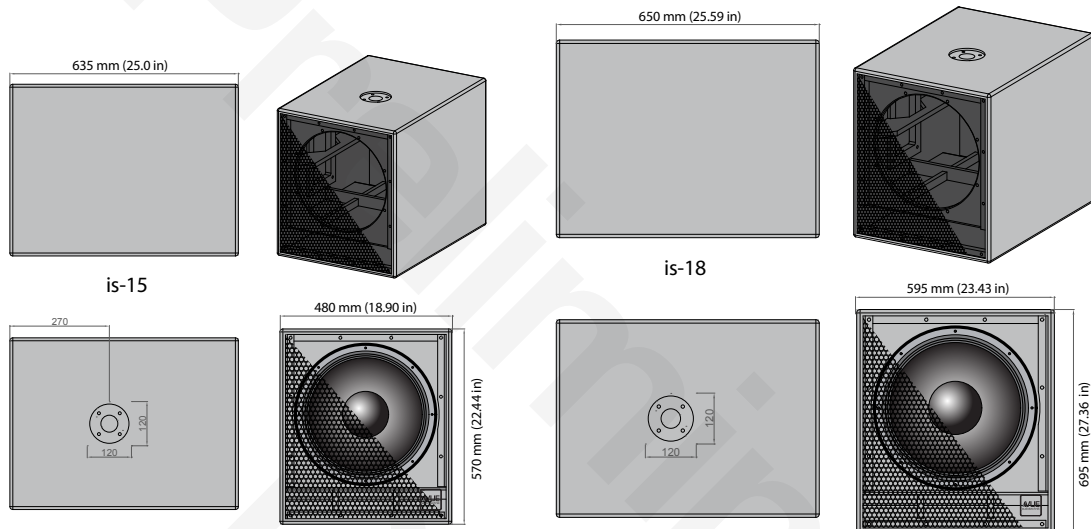
- 15-inch transducer with rubber surround and 3-inch (75 mm) voice coil
- 400 W/800 W long term/program power handling (IS-115)
- 400 W continuous power (IS-115a)
- Usable response down to 35 Hz
- Max long term output 128 dB
- High-density wood enclosure with durable textured finish

is-18 and is-18a Features

- 18" transducer with rubber surround and 4" (100 mm) voice coil
- 600 W/1200 W, long term/program power handling (IS-118)
- 600 W continuous power (IS-118a)
- Usable response down to 35 Hz
- Max long term output 131 dB
- High-density wood enclosure with durable textured finish

Applications

- Ideal companion for i-Class full-range systems
- Restaurants, cafes, Bars and clubs
- Corporate facilities
- Houses of worship
- Retail outlets
- Airports



i-Class systems are designed for AV contractors seeking a high-performance alternative to plastic box loudspeakers. By combining professional-grade components and rugged wood enclosures, i-Class models deliver sonic performance that far exceeds their competition.

For systems requiring greater LF extension, the is-15 and is-18 vented subwoofers offers are the perfect companions for the i-Class full-range models. Both subwoofers combine precision, low-pass crossovers with professional-grade drivers that incorporate large voice coils for increased power handling and decreased power compression. Optimally tuned ports work in concert with the direct radiating driver to achieve a perfect balance of impact and definition.

The is-15a and is-18a add onboard, class A/B amplification with 400 watts and 600 watts respectively. A variable, 18 dB per Octave high-pass output allows easy satellite integration, while a phase switch ensures perfect LF alignment and staging. Large heat-sinks and efficient amplifier design eliminate the need for noisy cooling fans.

Both models feature robust, multi-ply wood enclosures with a rugged industrial-grade coating. The cabinet front features a protective steel grill with a water resistant powder coating.

Description	is-15	is-15a	is-18	is-18a
Acoustic Data	Passive Single 15-in subwoofer	Powered Single 15-in subwoofer	Passive Dual 18-in subwoofer	Powered Dual 18-in subwoofer
Frequency Response (+-3 dB)	35 – 400 Hz	35 – 200 Hz	35 – 250 Hz	34 – 200 Hz
Frequency Range (-10 dB)	29 – 1500 Hz	33 – 280 Hz	29 – 300 Hz	32 – 230 Hz
Sensitivity (1W/1m)	96 dB	96 dB	98 dB	98 dB
Power Handling Long Term (Continuous Power Output for powered Versions)	400 watts	400 watts	500 watts	600 watts
Power Handling Program	800 watts	NA	1200 watts	NA
Max Peak SPL (band limited pink noise 6 dB crest factor)	128 dB SPL	125 dB SPL	131 dB SPL	128 dB SPL
Max SPL Long Term (AVG SPL @1M before protection band limited pink noise)	122 dB SPL	122 dB SPL	125 dB SPL	125 dB SPL
Coverage Horizontal	360 degrees - 6 dB	360 degrees - 6 dB	360 degrees - 6 dB	360 degrees - 6 dB
Coverage Vertical	360 degrees - 6 dB	360 degrees - 6 dB	360 degrees - 6 dB	360 degrees - 6 dB
Transducer Data	15", paper cone, cloth surround, 3" (75 mm) voice coil, ferrite, 18 mm winding, 10 mm gap height,		18", paper cone, cloth surround, 4" (100 mm) voice coil, ferrite, 19 mm winding, 10mm gap height,	
LF Driver Description	15", paper cone, cloth surround, 3" (75 mm) voice coil, ferrite, 18 mm winding, 10 mm gap height,		18", paper cone, cloth surround, 4" (100 mm) voice coil, ferrite, 19 mm winding, 10mm gap height,	
Impedance	8 Ohms	NA	8 ohms	NA
Connectors	NL4	XLR/1/4in Combojack	NL4	XLR/1/4in Combojack
Cabinet Material	Muli-ply wood	Muli-ply wood	Muli-ply wood	Muli-ply wood
Cabinet Surface	Black polyurethane coating	Black polyurethane coating	Black polyurethane coating	Black polyurethane coating
Dimensions (H x W x D)	22.44 x 18.9 x 25 in 570 x 480 x 635 mm	22.44 x 18.9 x 25 in 570 x 480 x 635 mm	27.36 x 23.43 x 25.59 in 695 x 595 x 650 mm	27.36 x 23.43 x 25.59 in 695 x 595 x 650 mm
Weight	Net: 74 lbs / 34 kg Shipping: 83 lbs / 38 kg	Net: 82 lbs / 37 kg Shipping: 91 lbs / 41 kg	Net: 97 lbs / 44 kg Shipping: 109 lbs / 50 kg	Net: 108 lbs / 49 kg Shipping: 112 lbs / 51 kg

is-15a and is-18a rear panels

