IS Series Linear Column Loudspeaker Systems.

High-quality speech and music, sleek profile and wide, yet consistent coverage.

IS column speakers are a cost-effective way to provide precise vertical dispersion, and consistent sound levels front-to-back of a venue... especially when combined with Ashly amps and processors that incorporate Protēa or AquaControl™ software (see page 4).

They fit perfectly next to flat-screens in conference rooms. Combined with an SP 12.1P sub, you can create an effective "system on a stick" for churches, wedding receptions and corporate events.

Both models ship with flush-mount brackets. Two IS speakers can be joined with an optional joining bracket. Pole and tripod mounts are also available.

Available in Black and White.

- **Churches**
- **Conference and huddle rooms**
- **Bars and lounges**
- **Mobile DJ**
- **Distributed audio in HoW, schools, sports/health clubs and public spaces**
- **Solo/duo acoustic acts**

DATA SHEET on **PAGE THREE**

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Data Sheet begins on the next page.

*Done so that those fortunate to have printers with 2-sided printing capabilities can print out the Data Sheet on one sheet of paper.

IS Series

Dual-Impedance Column Speakers

IS Series are slim column array speakers designed to deliver high-quality speech and music in venues that require high intelligibility, low physical profile and wide, yet consistent coverage.

They are a cost-effective way to provide vertical pattern control, and consistent sound levels front-to-back of a venue... especially when combined with Ashly amps and processors that incorporate Protēa or AquaControl™ software (see next page).

IS columns fit perfectly next to flat-screens in conference rooms; combined with an SP 12.1P sub, you can create an effective "system on a stick" for churches, wedding receptions and corporate events.

Their durable all metal enclosures will withstand the rigors of portable use, as well as installation and an impedance switch (8 Ω/32 Ω) allows use for both 2/4 speaker or multiple speakers per channel (i.e. distributed) configurations, without loading down the amplifier and without the need for transformers.

Available in two configurations: IS 2.8P 2" x 8 Column and IS 3.8P 3" x 8 Column, they are designed to provide optimum performance when used with Ashly's Protea or AquaControl-based DSP.
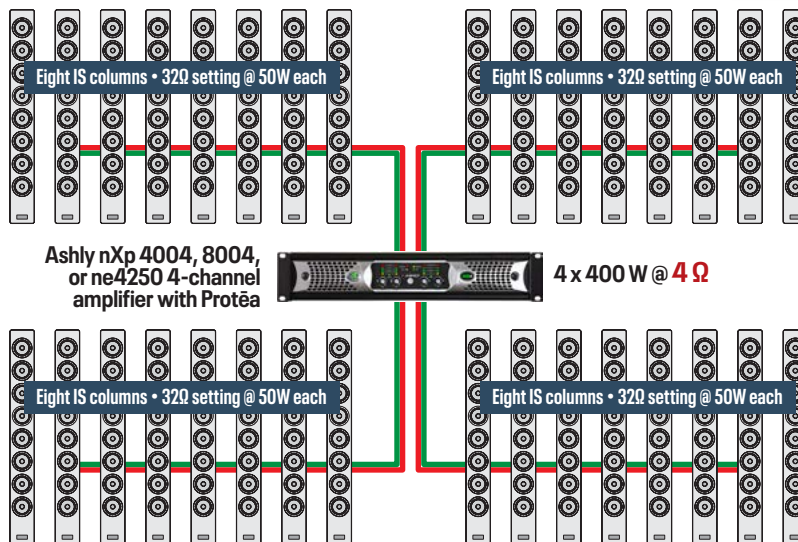
Two speakers may be stacked (using the optional plate) for additional throw where needed.

Add the SP-12.1P 12" Subwoofer for a kicking low-frequency response.

Flush wall brackets are supplied. Other mount options are also available. Available in Black or White

IS 3.8P

IS 2.8P

IS 2.8PW

shown with SP 12.1P Subwoofer

Eight IS columns • 32Ω setting @ 50W each

Eight IS columns • 32Ω setting @ 50W each

Ashly nXp 4004, 8004, or ne4250 4-channel amplifier with Protēa

4 x 400 W @ 4 Ω

Eight IS columns • 32Ω setting @ 50W each

Eight IS columns • 32Ω setting @ 50W each

8 Ω/32 Ω switch allows use for multiple speakers per channel (i.e.-distributed) configurations, without loading down the amplifier and without the need for transformers.

US toll-free +1.585.872.0010
Fax +1.585.872.0739
Sales@Ashly.com • **www.Ashly.com**

ASHLY

IS Series

Further sonic enhancment with Protêa and AquaControl™ software presets for selected Ashy amplifiers and processors.

IS speakers will please you with their performance and price. But specify…:

- nXp series multi-mode amps with Protêa
- pēma series Protêa-enabled amps
- ne4250pe and ne8250pe network-enabled amp with Protêa
- ne series processors with Protêa
- or mXa-1502 mix amp with AquaControl and get:

- Directivity-weighted, optimized linear frequency response
- Universal crossover implementation for use with subwoofer and full-range speakers
- FIR-corrected linear phase response above about ~300 Hz

Optimized linear frequency response and universal crossover implementation only are available on ne24.24m.

The switch that gives you a "distributed" system with up to 32 IS speakers... but without having to use transformers.

IS 2.8 P and 3.8P column speakers are switchable to to 32-ohm mode.

IS 2.8P shown with SP 12.1 P subwoofer and IS-PM6B Pole Mount

1) With recommended processing (see previous page)
2) Referenced to 1 m
3) The maximum input voltage (MIV) is determined by no more than a 3 dB change in the frequency response of the loudspeaker system
4) Averaged from 400 Hz to 10 kHz

	IS 2.8P	IS 3.8P
Transducer	8 x 2-inch (51 mm) Neodymium	8 x 3-inch (76 mm) Neodymium
Frequency Response (−10dB limits)[1]	115 Hz – 20 kHz	105 Hz – 19 kHz
Sensitivity (ref 2.83V) [1,2]	88 dB	95 dB
Nominal Impedance	8 Ω / 32 Ω switchable	8 Ω / 32 Ω switchable
Maximum Continuous SPL, @ a MIV (continuous / peak) [1,2,3]	104 dB / 115 dB	113 dB / 124 dB
Maximum Continuous SPL, calculated from power handling (continuous / peak) [1,2,3]	109 dB / 115 dB	119 dB / 125 dB
Maximum Input Voltage (MIV) [1,2]	28 dBV, 25.1 V (equivalent to 80 W into rated impedance)	30 dBV, 31.6 V (equivalent to 125 W into rated impedance)
Power Handling	120 W	240 W
Beamwidth[4]	Horizontal: 190° Vertical: 30°	Horizontal: 170° Vertical: 25°
Directivity Index (DI)[4]	14.4 dB	11.8 dB
Directivity Factor (Q)[4]	27.4	15.2
Input Connectors	2 x ¼-inch (6.3 mm) phone jack 1 x 2-position Euroblock	2 x NL4 SpeakOn 1 x 4-position Euroblock
Mounting Provisions	IS-TWM Tilt Wall Mount IS-FWM Flush Wall Mount Bracket (included)	IS-TWM Tilt Wall Mount IS-FWM Flush Wall Mount Bracket (included)
Enclosure Material	Aluminum	Aluminum
Dimensions (HxWxD)	24.00 in. x 2.76 in. x 3.54 in. 610 mm x 70 mm x 90 mm	31.77 in. x 4.06 in. x 5.12 in. 807 mm x 103 mm x 130 mm
Net Weight	6.4 lbs. / 2.9 kg	12.8 lbs. / 5.8 kg
Recommended amplifiers	Single-ch.: nXp 400 or higher Bridged: nXp 150 or higher Pema 4125, 4250, 8125, 8250	Single-channel: nXp 400 or higher Bridged: nXp 400 or higher Pema 4125, 4250, 8125, 8250

USER MANUAL

SCAN ME

Or download the complete User Manual at http://ashly.com/wp-content/uploads/2019/09/IS_Manual.pdf
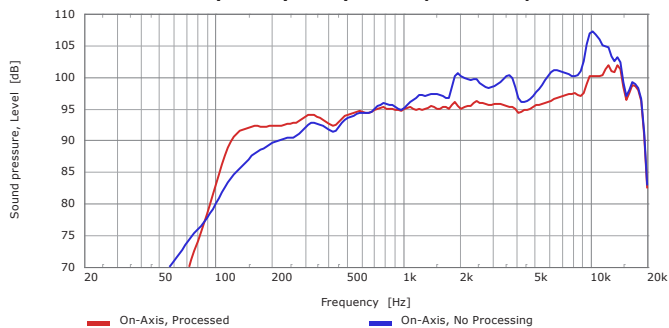
AW SERIES ARCHITECT & ENGINEERING SPECIFICATIONS

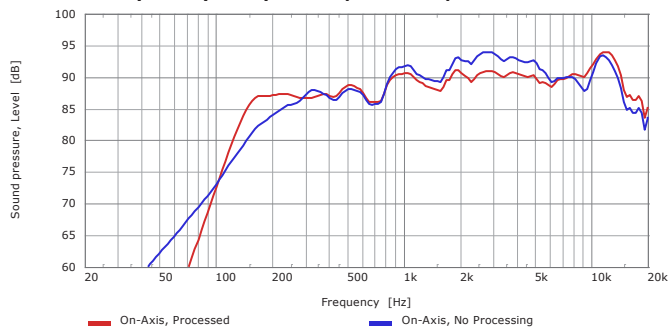in .txt and MS Word .docx format are available in the DOWNLOADS section of http://ashly.com/IS series

AW SERIES 2D AUTOCAD FILES

are available in the DOWNLOADS section of http://ashly.com/IS series

IS Series

Dual-Impedance Column Speakers

IS 3.8P Frequency Response (On-Axis)

On-Axis, Processed — On-Axis, No Processing

IS 2.8P Frequency Response (On-Axis)

On-Axis, Processed — On-Axis, No Processing

IS 3.8P Frequency Response (Listening Window)

Listening Window, Processed — On-Axis, Processed

IS 2.8P Frequency Response (Listening Window)

Listening Window, Processed — On-Axis, Processed
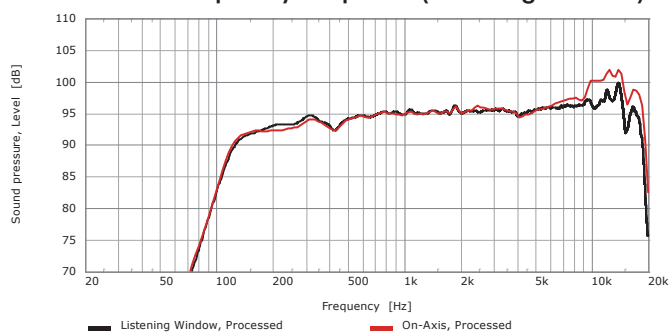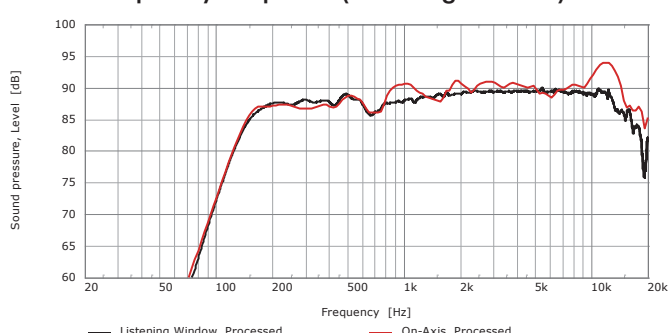
Two **IS 2.8PW**s with **IS-JP2** Joining Bracket

IS-PM6B Pole Mount

IS-PM6B Pole Mount

SP 12.1PW Subwoofer

SP 12.1PB Subwoofer

IS-TR7B Tripod Mount

Flush Mount brackets (included with IS 2.8Ps and IS 3.8Ps)

IS-TWM Tilt/Swivel Mount for IS 2.8Ps and IS 3.8Ps

IS-JP2B Joining Bracket shown on two IS 2.8PWs

Ashly Audio, Inc. • 847 Holt Road • Webster, NY
USA • US toll-free +1.585.872.0010
Fax +1.585.872.0739 • Sales@Ashly.com

ASHLY®

www.ashly.com