

Pioneer

PROFESSIONAL AUDIO



XY-2E

XY SERIES

8-inch 2-way passive/ bi-amp mid-high loudspeaker

KEY FEATURES

- Bi-horn
- Passive or bi-amp control option
- X-Phase system with gold X-Phase plug
- Suitable for various configurations
- Compatible with various rigging accessories
- Impact-resistant finish

BI-HORN

The 8-inch mid-range driver and the 1-inch compression driver are attached to the integrated waveguide with their depths perfectly aligned. This unique Bi-horn combines mid and high frequencies in a deep position inside the waveguide, improving the blend of sounds compared to the performance of a conventional separated horn structure.

APPLICATIONS

Versatile & easy to install for various venues and events.

SPECIFICATIONS

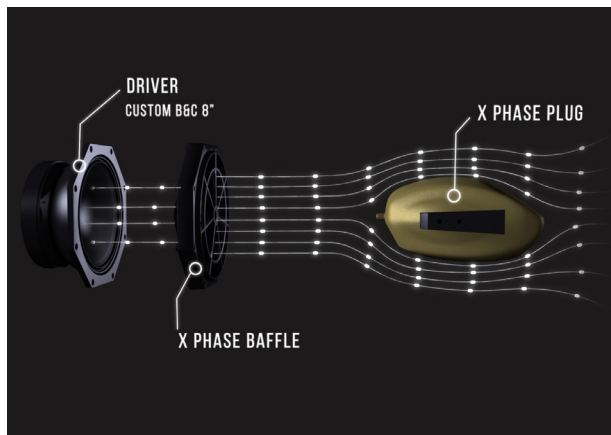
Product Name	XY-2E	
Loudspeaker Type	8" two-way Passive/Bi-amp mid-high loudspeaker	
Operating mode	Passive mode	Bi-amp mode
Frequency Response (+/-3dB) ¹	235 Hz~17 kHz (-10 dB @ 150 Hz)	MF: 235 Hz~3.5 kHz (-10 dB @ 150 Hz) HF: 1.4 kHz~17 kHz
Sensitivity (1W /1m) ²	107 dB	MF: 107 dB / HF: 110 dB
Nominal Impedance	8 Ω	MF: 8 Ω / HF: 8 Ω
Power Handling AES ³	270 W AES, 1080 W Peak	MF: 200 W AES, 800 W Peak HF: 70 W AES, 280 W Peak
Dispersion ⁴	50°H x 35°V	
Max SPL ⁵	130 dB(cont.), 136 dB(peak)	
Driver Configuration	MF: 8" neodymium cone driver HF: 1" exit neodymium compression driver	
Connectors	Neutrik speakON™ NL4MD-V x 2	
Dimensions (W x H x D)	530 x 578 x 540 mm / 20.7" x 22.8" x 21.3"	
Weight	29.0 kg / 63.9 lb	
Enclosure	15 mm / 0.6" birch plywood	
Finish	Black impact and weather-resistant textured polyurethane paint.	
Spare Parts	PT-XY3HF1- HF compression driver PT-XY3MF1- MF driver	

¹*1 Measured on-axis at 2m in an anechoic environment and referenced to 1m. | ²*2 Measured in half space at 2m with 4W sine wave input and referenced to 1m. | ³*3 AES Standard ANSI S4.26-1984. | ⁴*4 Nominal dispersion, measured in an anechoic environment and averaged over stated bandwidth. | ⁵*5 Calculated at 1m and verified by subjective listening test of familiar program material.

*Disclaimer: specifications and price are subject to change. | *speakON is a registered trademark of Neutrik. | *Other product, technology and company names, etc. mentioned herein are trademarks or registered trademarks of their respective owners.

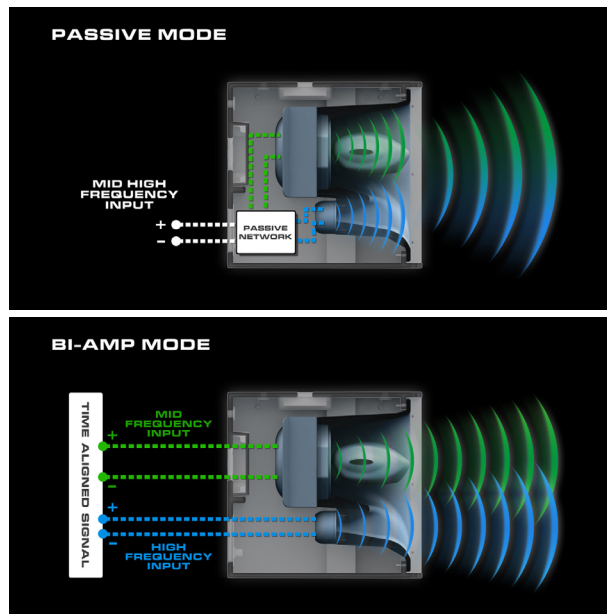
X-PHASE SYSTEM WITH GOLD X-PHASE PLUG

Driver cone cancellation is minimised thanks to our custom X-Phase system which allows all sound waves to exit in perfect phase alignment. The sound waves are forced over the top and bottom of the X-phase plug, producing higher SPL and greater sound projection over long distances.



PASSIVE OR BI-AMP CONTROL OPTION

The XY-2E offers 2 different control settings. As standard, the passive crossover option is engaged – producing the iconic XY series sound. Reconfigure the existing cabling and you can individually manipulate the 1-inch exit neodymium compression driver and 8-inch neodymium cone driver in a bi-amp configuration with no need for additional parts.

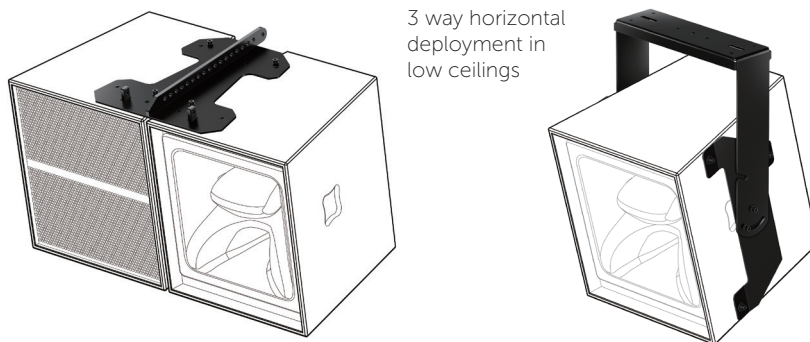


IMPACT-RESISTANT FINISH

The XY-2E is housed in a robust wooden enclosure – ideal for guarding against bumps and scrapes on the road and in tight spaces. The speaker also features an elastothane coating for weather resistance and extra protection against impact.

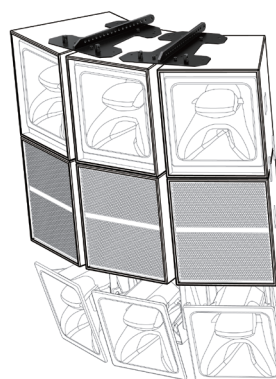
SUITABLE FOR VARIOUS CONFIGURATIONS

The XY-2E can be quickly and easily deployed in a variety of fixed install and touring scenarios, with numerous flying and ground stacking configurations possible.



COMPATIBLE WITH VARIOUS RIGGING ACCESSORIES

Deploy the XY-2E from low ceilings in single units or horizontal arrays using the CP-XY1VC1 flying cradle or the CP-XY1DF1 jointing plate respectively. Or create an array of up to nine speakers – 3 x 3 – using a combination of CP-XY1DF1 cradles and CP-XY1CON1 plates.



3 Way Flown Array for Medium coverage areas

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