



# 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) <sup>1</sup>	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) <sup>2</sup>	107 dB	MF: 107 dB / HF: 110 dB
Nominal Impedance	8 Ω	MF: 8 Ω / HF: 8 Ω
Power Handling AES <sup>3</sup>	270 W AES, 1080 W Peak	MF: 200 W AES, 800 W Peak HF: 70 W AES, 280 W Peak
Dispersion <sup>4</sup>	50°H x 35°V	
Max SPL <sup>5</sup>	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	

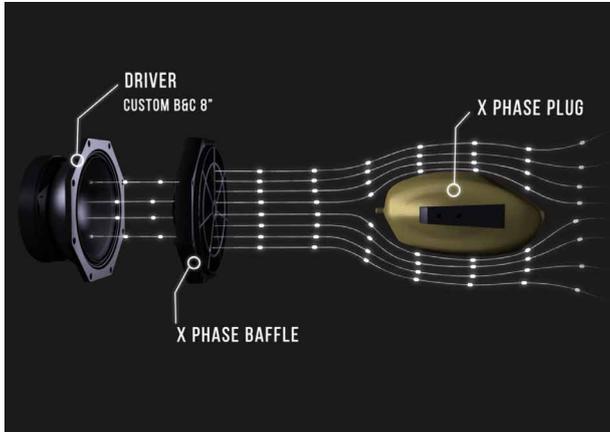
<sup>1</sup>\*1 Measured on-axis at 2m in an anechoic environment and referenced to 1m. | <sup>2</sup>\*2 Measured in half space at 2m with 4W sine wave input and referenced to 1m. | <sup>3</sup>\*3 AES Standard ANSI S4.26-1984. | <sup>4</sup>\*4 Nominal dispersion, measured in an anechoic environment and averaged over stated bandwidth. | <sup>5</sup>\*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.

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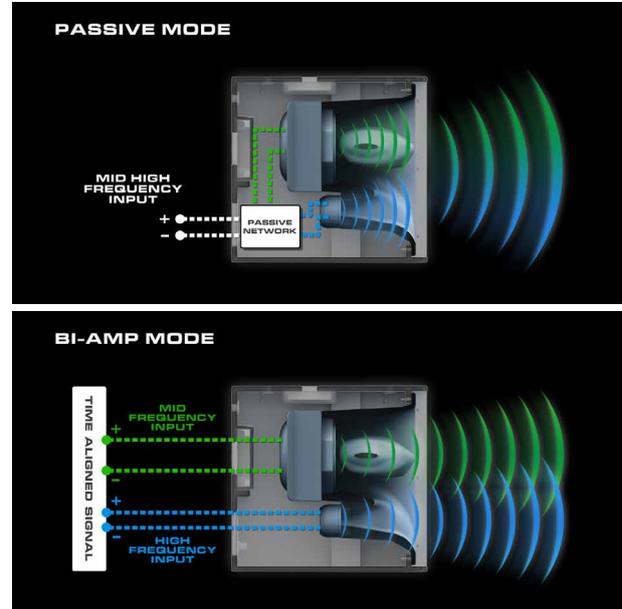
## X-PHASE SYSTEM WITH GOLD X-PHASE PLUG

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.

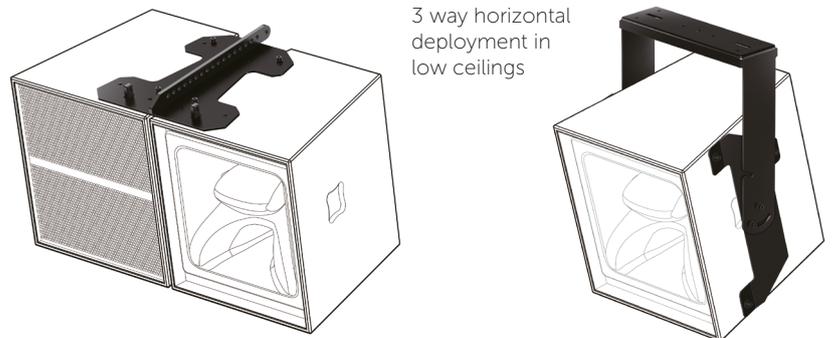


## IMPACT-RESISTANT FINISH

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.

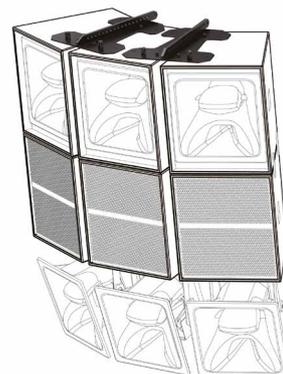
## SUITABLE FOR VARIOUS CONFIGURATIONS

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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