



SAP-MX12A

Single 12-Inch Coaxial Full-Range Speaker

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Coaxial

12-Inch

MAIN FEATURES

▲ Speaker Design And Performance

- Customized Speaker Units: Utilize specially customized high-efficiency speaker units for optimal sound.
- Optimized Crossover: Internal crossover design ensures abundant sound pressure and comfortable tonality.
- Compact Design: Compact inverted-phase design with perfect frequency and phase response.
- Coaxial Technology: Advantages include outstanding response from a single point sound source and complete overlap of low/high-frequency diffusion characteristics.

▲ Construction And Appearance

- Material: Crafted from high-quality birch plywood.
- CNC Processing: Ensures precise construction and durability.
- Environmentally Friendly Coating: Coated with black, wear-resistant, water-based paint.
- Versatile Placement: Versatile cabinet structure design allows for horizontal or vertical placement.

▲ Applications And Versatility

- Multiple Uses: Suitable for stage monitoring, mobile performances, theaters, concert halls, and more.
- Stage Monitor Capability: Can serve as a full-range speaker or stage monitor.
- Ideal for Semi-Reverberant Environments: Coaxial design makes it ideal for applications in semi-reverberant environments.

SPECIFICATION

POWER PARAMETERS

Rated Power Output: 400W

Max Power Output: 1600W

Rated Impedance: 8Ω

AUDIO PARAMETERS

Speaker Type: Built-In Two-Way Full Frequency

Speaker Component: High-Frequency: 1×3" (75mm Voice Coil)
Low-Frequency: 1×12" (72mm Voice Coil)

Frequency Response: 83Hz-20kHz

Sensitivity: 98dB

Cover Range: 100°HF Coverage

Connector: 2xSpeakon NL4MP

Max SPL: 130dB

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Bracket, Suspension, Wall Mount

Installation Environment: Indoor Locations

Operating Temperature: 0°C~+55°C

Operating Humidity: < 95%

Cabinet Material: High-Quality High-Density Birch Plywood

Surface Coating: Black Wear-Resistant Environmentally Friendly Water-Based Flame-Retardant Paint Spraying

Product Dimensions: 560×466×355 (mm)

Product Weight: 19.85Kg

Product Warranty: 2 Years

ACCESSORIES

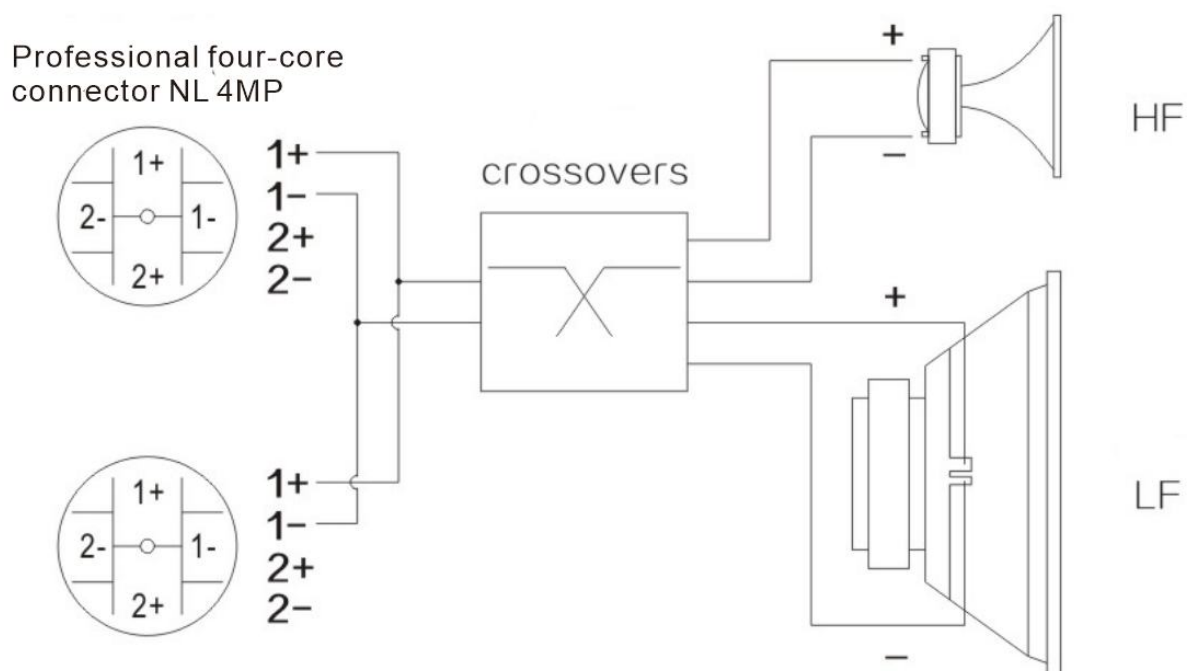
1×Full Range Speaker

2×Speakon NL4MP

1×Quick Installation Guide

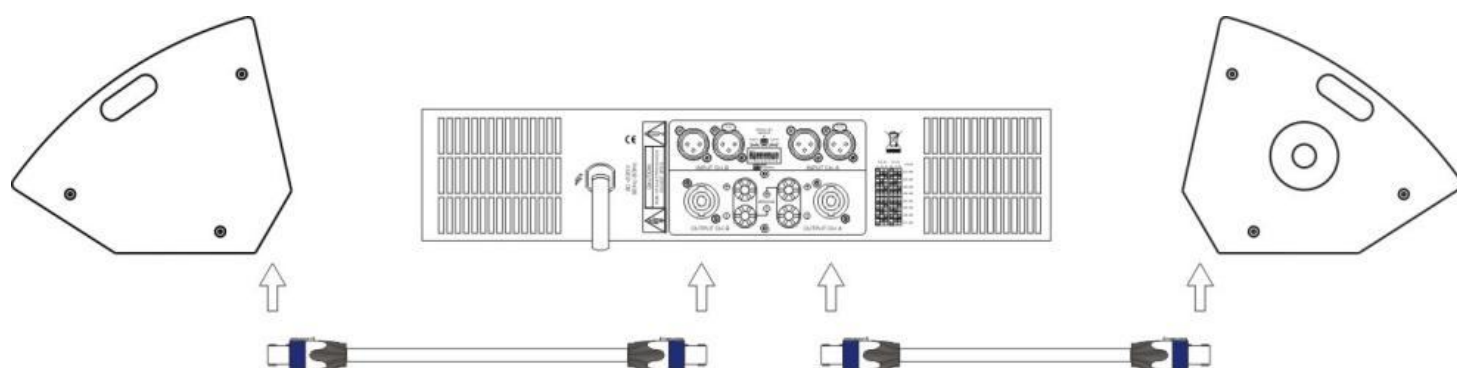
1×Quality Certificate & Warranty Card

SPEAKER DIAGRAM



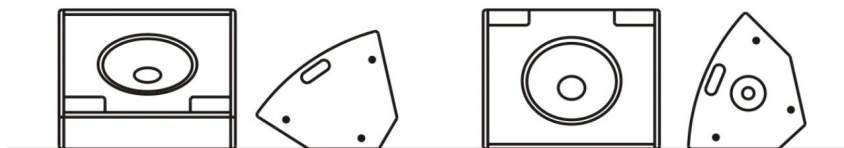
Wiring Instructions: The tweeter and woofer are connected to two professional 4-pin speaker sockets via the crossover board (positive wire to PIN1+, negative wire to PIN1-).

CONNECTION DIAGRAM



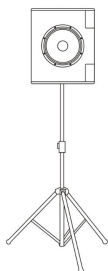
INSTALLATION INSTRUCTIONS

[Method 1-Ground Mount]



Place the speakers at a suitable position and angle according to the on-site environment.

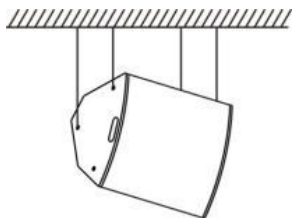
[Method 2-Speaker Stand]



STEP 1: Adjust the speaker stand to the appropriate supporting angle, tighten the knobs on the stand, and insert the locking pins.

STEP 2: Gently insert the base of the speaker into the supporting column of the stand, ensuring it is vertically aligned.

[Method 3-Professional Suspension]



STEP 1: Install mounting brackets or anchor points at the desired location.

STEP 2: Attach suspension cables/chains with safety hooks, adjusting lengths as needed.

STEP 3: Install screw rings on the speaker (typically two upper side and one lower rear mounting holes)

STEP 4: Lift the speaker using machinery, fasten safety hooks to the rings, and secure.

