

HQ series



HQ 112.43 DX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 26/06/2024



SOUND WITH SOUL

KEY FEATURES

- Two-way long-throw system
- DX finish (Fiberglass) for direct exposure
- Horn loaded 12" low frequency loudspeaker
- M-78N neodymium compression driver
- Selectable passive/bi-amplified operating modes
- Tight 40° x 30° coverage angles
- Rotatable horns
- Stainless steel rigging kit

DESCRIPTION

The HQ-112.43 is offered in two exposure ratings-“covered exposure” (CX) for applications where cabinets are covered or protected, and “direct exposure” (DX) where cabinets are unprotected and directly exposed to the environment. The CX versions are protected with a thick ISO-flex coating on both the exterior and interior surfaces. The DX versions augment the protection rating by employing a fiberglass exterior and a gel coat sealed interior. Both versions are rated IP54.

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SPECIFICATIONS

Performance

| | |
|-------------------------------|--|
| Frequency Range (-10 dB) | 80 Hz – 18 kHz |
| Horizontal Coverage (-6 dB) | 40° |
| Vertical Coverage | 30° |
| Nominal Impedance | Passive: 8 ohms |
| Nominal Impedance MF | 8 ohms |
| Nominal Impedance HF | 8 ohms |
| RMS Power Handling | Passive: 400 W |
| RMS Power Handling HF | 150 W |
| RMS Power Handling MF | 400 W |
| Peak Power Handling | Passive: 1600 W |
| Peak Power Handling MF | 1600 W |
| Peak Power Handling HF | 400 W |
| On-axis Sensitivity 1W/1 m | Passive: 111 dB SPL |
| On-axis Sensitivity 1W/1 m MF | 111 dB SPL |
| On-axis Sensitivity 1W/1 m HF | 112 dB SPL |
| Maximum Peak SPL at 1 m | Passive: 143 dB |
| Maximum Peak SPL at 1 m MF | 143 dB |
| Maximum Peak SPL at 1 m HF | 140 dB |
| Recommended Amplifier | DX-100I-230 DX-100I-115 DX-80I-230 DX-80I-115 |

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| | |
|-----------------------|-----------------|
| | INTEGRAL-M88 |
| Recommended Processor | INTEGRAL-MA1604 |
| | INTEGRAL-MA1004 |

Connectors

| | |
|------------------------|--|
| Audio Input Connector | 1 x speakON NL4 Covered Barrier Strip Terminals |
| Audio Output Connector | 1 x speakON NL4 Covered Barrier Strip Terminals |

Enclosure

| | |
|--------------------------|---|
| Enclosure Construction | Birch Plywood |
| Enclosure Geometry | Trapezoidal |
| Rigging | M10 Rigging Points |
| Finish | Fiberglass |
| Color | Black |
| Depth | 720 mm (28,4 in) |
| Dimensions (H x W x D) | 990 x 685 x 720 mm 39,0 x 27,0 x 28,4 in |
| Net Weight | 62,5 kg (137,8 lb) |

Components

| | |
|----------------|--------------------------------|
| LF Driver | 12HQN |
| HF Driver | M-78N |
| Horn/Waveguide | BCH-4030-7037 BCM-4030-7037 |

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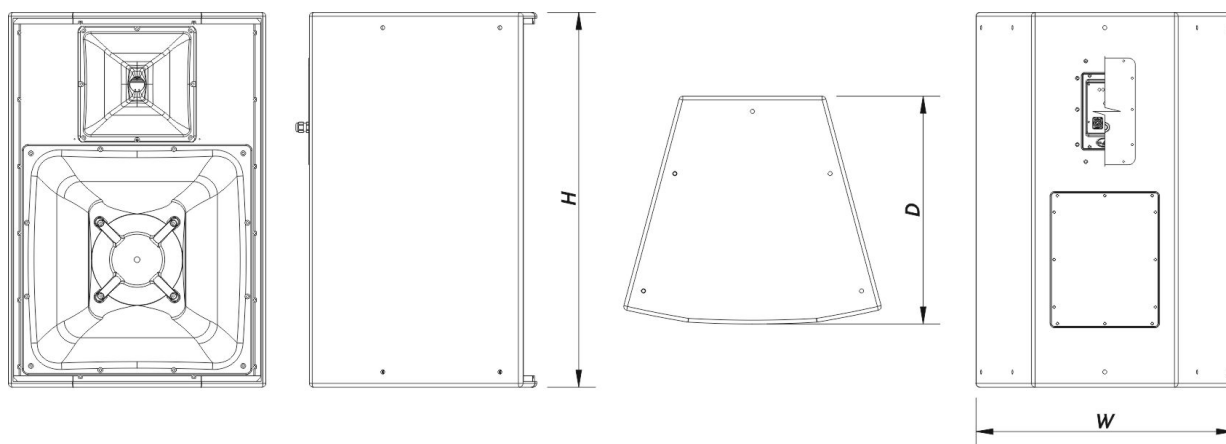
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Shipping

| | |
|---------------------------------|---|
| Carton Dimensions (H x W x D) | 1.070 x 650 x 745 mm 42,1 x 25,6 x 29,3 in |
| Shipping Weight | 67,5 kg (148,8 lb) |

DIMENSIONS



ORDERING INFORMATION

| Model | Description | P/N |
|-------|-------------|-----|
|-------|-------------|-----|

System

| | | |
|--------------|--|----------|
| HQ-112.43-DX | | 10432010 |
|--------------|--|----------|

Replacement Parts

| | | |
|---------------|-----------------|----------|
| 12HQN | Cone Transducer | 20208890 |
| BCH-4030-7037 | Horn | 30006309 |
| BCM-4030-7037 | Horn | 30006310 |
| F-HQ112.43 | Filter | 30006506 |

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| | | |
|---------|--------------------|----------|
| GM-12HQ | Recone Kit | 20208536 |
| GM-M75N | Diaphragm | 20205080 |
| M-78N | Compression Driver | 20208860 |

Accessories

| | | |
|-----------|---------------------|----------|
| ANL-2 | Rigging Accessories | 10101020 |
| AX-HQ-X12 | Rigging Accessories | 10107001 |
| JP-HQ-112 | Rigging Accessories | 10107003 |
| UFB | Rigging Accessories | 10105040 |

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