

HQ series



HQ-212.95-DX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 30/04/2025



KEY FEATURES

- Two-way long-throw system
- DX finish (Fiberglass) for direct exposure
- Horn loaded 2 X 12" low frequency loudspeaker
- M-78N neodymium compression driver
- Selectable passive/bi-amplified operating modes
- 90° x 50° coverage angles
- Rotatable horns
- Stainless steel rigging kit

DESCRIPTION

HQ-212.95 is a long-throw, two-way system designed for medium- to large-scale installations such as pavilions, stadiums, auditoriums, and theaters. With precise coverage control and high power capacity, the HQ-212.95 is ideal for both standalone use and multi-unit array configurations. The system features a 12" low-frequency driver (model 12LQN4C with a 3" voice coil) and an M-78N compression driver with a titanium diaphragm and a 3" voice coil, ensuring optimal acoustic performance in demanding applications.

The system provides a focused 90° x 50° coverage, with a rotatable waveguide that allows flexibility in installation, adapting to different configurations. HQ-212.95 covers a frequency range of 63 Hz to 18 kHz, reaching a maximum sound pressure level of 141 dB SPL. With a power handling capacity of 800 W RMS and 3200 W peak power, this system is designed to deliver superior performance in large-scale environments.

The enclosure is built from birch plywood and coated with the durable ISO-flex™ finish on both the interior and exterior. The system is available in two versions: CX (Covered Exposure), featuring an ISO-flex coating on both sides, and DX (Direct Exposure), which adds an external fiberglass layer and an internal gel seal for enhanced weather resistance. Both versions comply with the IP54 standard, ensuring durability in adverse weather conditions.

Equipped with M10 rigging points and a stainless steel mounting bracket, the HQ-212.95 is a robust and reliable solution for permanent installations in large venues.

HQ-212.95-DX

SPECIFICATIONS

Performance

| | |
|-----------------------------|-----------------|
| Frequency Range (-10 dB) | 63 Hz - 18 kHz |
| Horizontal Coverage (-6 dB) | 90° |
| Vertical Coverage | 50° |
| Nominal Impedance | 8 ohms |
| RMS Power Handling | 800 W |
| Peak Power Handling | 3200 W |
| On-axis Sensitivity 1W/1 m | 105 dB |
| Maximum Peak SPL at 1 m | 140 dB |
| Recommended Processor | INTEGRAL-M88 |
| | INTEGRAL-MA1604 |
| | INTEGRAL-MA1004 |

Connectors

| | |
|------------------------|---------------------------------|
| Audio Input Connector | Covered Barrier Strip Terminals |
| Audio Output Connector | Covered Barrier Strip Terminals |

Enclosure

| | |
|--------------------------|-----------------------|
| Enclosure Construction | Birch Plywood |
| Enclosure Geometry | Trapezoidal |
| Rigging | M10 Rigging Points |
| Finish | Fiberglass |
| Color | Black |
| Dimensions (H x W x D) | 370 x 710 x 655 mm |
| | 14,6 x 28,0 x 25,7 in |

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| | |
|------------|---------------------|
| Net Weight | 49,0 kg (85,9 lb) |
|------------|---------------------|

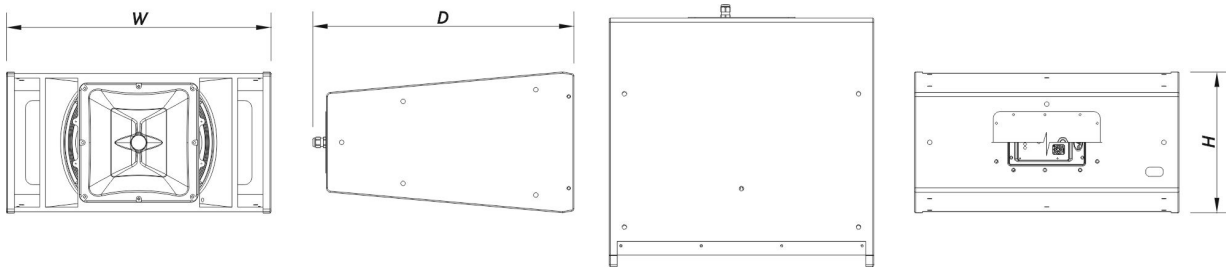
Components

| | |
|----------------|---------------|
| LF Driver | 12LQN4C |
| HF Driver | M-78N |
| Horn/Waveguide | BCH-9050-7037 |

Shipping

| | |
|-----------------|---------------------|
| Shipping Weight | 51,5 kg (91,5 lb) |
|-----------------|---------------------|

DIMENSIONS



ORDERING INFORMATION

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

System

| | | |
|--------------|--|----------|
| HQ-212.95-DX | | 10432176 |
|--------------|--|----------|

Replacement Parts

| | | |
|---------------|------------|----------|
| 12LQN4C | Transducer | 20208892 |
| BCH-9050-7037 | Horn | 30006308 |

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| | | |
|-----------|--------------------|----------|
| F-HQ212 | Filter | 30009201 |
| GM-12LQN4 | Recone Kit | 20208534 |
| GM-M75N | Diaphragm | 20205080 |
| M-78N | Compression Driver | 20208860 |

Accessories

| | | |
|-----------|------------------------------|----------|
| ANL-2 | Rigging Accessories | 10101020 |
| AX-HQ-X12 | Rigging Accessories | 10107001 |
| AXU-HQ212 | Installation & Stacking Acc. | 10105144 |
| JP-HQ-212 | Rigging Accessories | 10107002 |
| UFB | Rigging Accessories | 10105040 |

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