

Quantum series



Q-43-TW

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
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Updated (DD/MM/YYYY): 14/04/2026

 **DAS AUDIO**

KEY FEATURES

- Passive system
- Extruded aluminum enclosure
- 4 x 3", 3P16 full-range speaker
- Dispersion H x V: 120° x 30°/45°
- SPL peak: 118 dB
- Multi-tap 100/70V transformer included
- Low/high impedance operation
- Available in all RAL colors

DESCRIPTION

The Q-43-TW is an ultra-compact aluminum column passive system, white, designed to provide precise sound reinforcement in medium-sized spaces such as houses of worship, museums, and conference rooms. Equipped with four 3" transducers, it delivers a clear response in frequencies from 150 Hz to 20 kHz and a maximum sound pressure of 118 dB SPL.

The system allows vertical dispersion adjustment between 30° and 45° through an integrated filter, facilitating control of the vertical dispersion lobe, reducing reverberation, and improving intelligibility in acoustically challenging environments. Its horizontal coverage of 120° ensures uniform sound distribution.

With a power rating of 80 W RMS and 320 W peak power, the Q-43-TW incorporates a transformer with taps for 70 V (7.5 W, 15 W, 25 W) and 100 V (15 W, 30 W, 50 W), adapting to the needs of installations requiring efficient audio distribution.

The aluminum structure and IP-66 kit make it a highly reliable and durable system, available in white to match a more discreet and elegant aesthetic. It includes a 4-way 3.8 mm Phoenix connector to facilitate audio connections in fixed installations.

Q-43-TW

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	150 Hz - 20 kHz
Horizontal Coverage (-6 dB)	120°
Vertical Coverage	Switchable: 45° - 30°
Nominal Impedance	4 ohms
Transformer Taps 70 V	7.5 W - 15 W - 25 W
Transformer Taps 100 V	15 W - 30 W - 50 W
RMS Power Handling	80 W
Peak Power Handling	320 W
On-axis Sensitivity 1W/1 m	93 dB SPL
Maximum Peak SPL at 1 m	118 dB SPL
Recommended Amplifier	INTEGRAL-A402
	INTEGRAL-A404
	INTEGRAL-A1002
	INTEGRAL-A1004
	INTEGRAL-A1602
	INTEGRAL-A1604
	INTEGRAL-MA1004
	INTEGRAL-MA1604
Recommended Processor	INTEGRAL-M88
	INTEGRAL-MA1604
	INTEGRAL-MA1004

Connectors

Audio Input Connector	4-way Phoenix 3.8 mm
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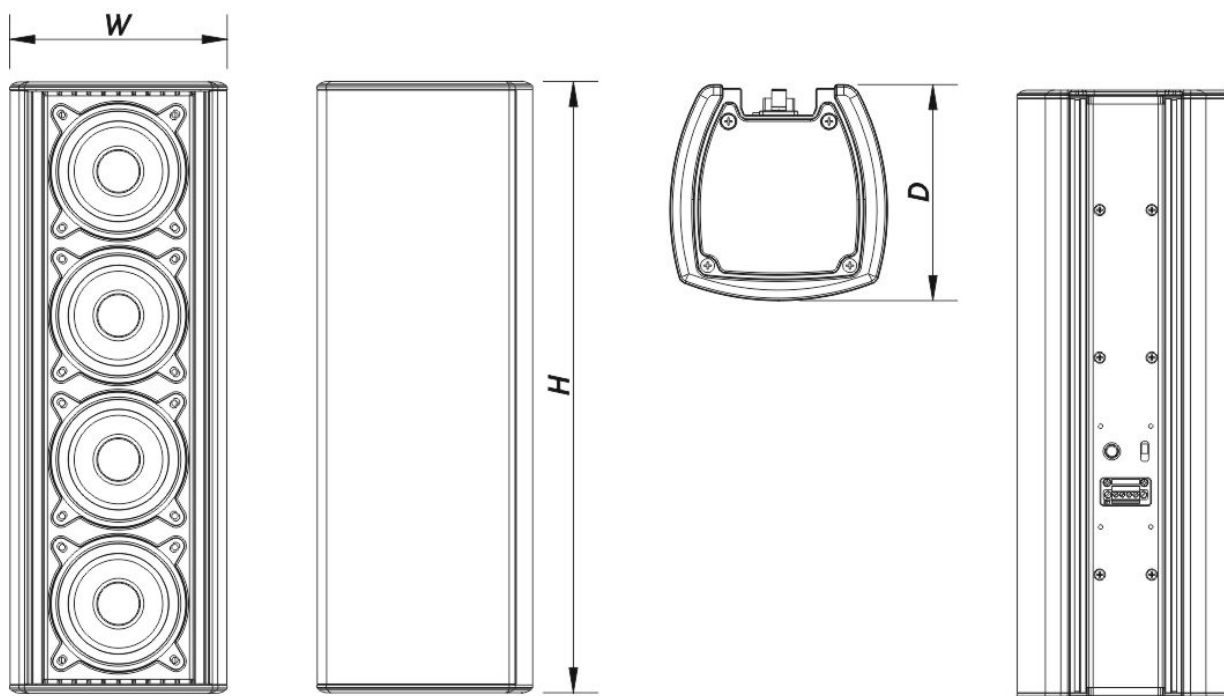
Enclosure

Enclosure Construction	Aluminum
Color	White
IP Rating	IP66
Dimensions (H x W x D)	355 x 125 x 125 mm 14,0 x 4,9 x 4,9 in
Net Weight	5,3 kg (11,7 lb)

Components

MF Driver	3P16
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DIMENSIONS



Q-43-TW

ORDERING INFORMATION

Model	Description	P/N
System		
Q-43-TW		10434030
Replacement Parts		
3P16	Cone Transducer	20208712
F-Q-43-T	Filter	20140142
LAMP-F-21	Lamp	30000535
Accessories		
AXC-AT2	Installation & Stacking Acc.	10104311
AXC-Q-W	Installation & Stacking Acc.	10105147
AXC-ZT2	Installation & Stacking Acc.	10104325
AXW-4-W	Installation & Stacking Acc.	10104173
AXW-5-W	Installation & Stacking Acc.	10104174
JP-Q-W	Installation & Stacking Acc.	10102974
KIT-IP-Q-W	Installation & Stacking Acc.	10434091

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