

QUANTUM series



Q-83-TC



DESCRIPTION

This system is designed for small- and mid-sized venues. The narrow vertical dispersion (20°) prevents exiting reverberation field, improving intelligibility in spaces such as cultural centers, museums, conference rooms...all while delivering superb music reproduction.

The aluminum structure and the IP-66 kit make it a highly reliable and resistant choice, available in any RAL color.

KEY FEATURES

- Passive system
- Extruded aluminum enclosure
- 8 x 3", 3PN16 full-range speaker
- Dispersion H x V: 120° x 20°
- SPL peak: 123 dB
- Multi-tap 100/70V transformer included
- Low/high impedance operation
- Available in all RAL colors

APPLICATIONS

- A/V systems and corporate events
- Meeting rooms, classrooms, and exhibit areas
- Houses of worship

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	150 Hz - 20 kHz
Horizontal Coverage (-6 dB)	120°
Vertical Coverage	20°
Nominal Impedance	8 ohms
Transformer Taps 70 V	12.5 W - 25 W - 50 W
Transformer Taps 100 V	25 W - 50 W - 100 W
RMS Power Handling	160 W
Peak Power Handling	640 W
On-axis Sensitivity 1W/1 m	95 dB SPL
Maximum Peak SPL at 1 m	123 dB SPL
Recommended Amplifier	INTEGRAL-A402 INTEGRAL-A404 INTEGRAL-A1002 INTEGRAL-A1004 INTEGRAL-A1602 INTEGRAL-A1604
Recommended Processor	DSP-226

Connectors

Audio Input Connector	Ceramic Barrier Strip Terminals
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Enclosure

Enclosure Construction	Aluminum
Color	Black
IP Rating	IP66
Depth	130 mm (5.1 in)



Dimensions (H x W x D)	685 x 125 x 130 mm 27,0 x 4,9 x 5,1 in
Net Weight	7,8 kg (17,2 lb)

Components

MF Driver	3PN16
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ORDERING INFORMATION

Model	Description	P/N
System		
Q-83-TC		10434070

Replacement Parts

3PN16	Cone Transducer	20208993
F-Q-83-T	Filter	30010310
LAMP-F-21	Lamp	30000535

Accessories

AXC-AT2	Installation & Stacking Acc.	10104311
AXC-Q	Installation & Stacking Acc.	10105146
AXW-6	Installation & Stacking Acc.	10104171
JP-Q	Installation & Stacking Acc.	10102973
KIT-IP-Q-EN	Installation & Stacking Acc.	10434092

DIMENSIONS



