

# QUANTUM series



## Q-83-TW



### 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
-----------------------	---------------------------------

#### Enclosure

Enclosure Construction	Aluminum
Color	White
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
-----------	-------

### ORDERING INFORMATION

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

#### System

Q-83-TW		10434069
---------	--	----------

#### 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-W	Installation & Stacking Acc.	10105147
AXW-6-W	Installation & Stacking Acc.	10104172
JP-Q-W	Installation & Stacking Acc.	10102974
KIT-IP-Q-EN-W	Installation & Stacking Acc.	10434093

### DIMENSIONS



