

Monitor33T

Code no. 00.07.140

Monitor33WT

Code no. 00.07.141

Compact design and a wealth of mount-ing options make the RCF Monitor 33T (black) and Monitor 33/WT (white) compact 2-way loudspeakers ideal for use in business music systems. The woofer is a high-excursion, carbon fiber design. The mylar dome tweeter is mounted on a constant directivity horn to provide natural, smooth sound reproduction and high resistance to weather. Installation of the Monitor 33T is fast and efficient using the accompanying adjustable mounting bracket. Four M6 threaded inserts add to the speaker's flexibility. Connections are made to recessed color-coded, spring-loaded terminals. Wattage taps, voltage adjustments, and 4-ohm operation are selectable by means of two detented rotary switches. The enclosure is constructed of high density, scratch resistant polystyrene and includes a protective perforated steel grille and con-nection cover. Available in black (Monitor 33T) or white (Monitor 33/WT). The Monitor 33T is a part of RCF's Monitor Series, which includes two-way constant directivity, compact speakers in easily installed enclosures.

FEATURES

- › 4.75" high-efficiency carbon fiber woofer
- › 0.5" mylar dome tweeter loaded by a 110° x 100° constant directivity horn
- › Built-in, multi-tap constant voltage transformer
- › Built-in, low-inductance passive crossover
- › Lightweight, UV/weather resistant, high density polystyrene, trapezoidal shaped enclosure for multiple applications and minimum visual intrusion
- › Integrated mounting points for use with optional mounting hardware
- › Articulated surface mount hardware included



SPECIFICATIONS	MR 33T - MR 33WT
Type of speaker	Two-way loudspeaker, bass reflex
Applicable power	40 W - (IEC long-term) 4Ω 20 W with transformer (1-2.5-5-10-20W)
Constant voltage	25 V - 50 V - 70 V - 100 V
Frequency response	160 - 20,000 Hz ±3 dB 100 - 20,000 Hz -10 dB
Sensitivity (1W/1m)	88 dB SPL in anechoic chamber
Maximum sound pressure	105 dB 1 m SPL in anechoic chamber (40 W IEC Long-Term)
Loudspeaker impedance	4 Ω (rotary dial in by-pass position)
Constant impedance [1.000 Hz]:	110°x100° (horn directivity)
Dimensions (W x H x D)	154x216x136 mm
Colour	Black (MR 33T) White (MR 33WT)
Net weight	2.2 kg
Connectors	Pressure type

Monitor44T

Code no. 00.07.142

Monitor44WT

Code no. 00.07.354

Careful acoustic design and the use of advanced materials contribute to the exceptional music fidelity and speech intelligibility exhibited by the RCF Monitor 44T (black) and Monitor 44/WT (white) two-way speaker systems. The carbon fiber diaphragm remains extremely rigid at high power levels, producing a more linear response and lower distortion. The cone is fitted with a durable foam surround and treated to resist moisture. The high-frequency section features a constant directivity horn with a built-in mechanical phase equalizer. The horn is driven by a Ferrofluid® cooled, 0.5" mylar dome tweeter. The system is nominally crossed over at 4 kHz by a 12 dB/octave network, which uses markedly lower (than conven-tional) inductance values in series with the woofer. This design reduces sound delays associated with high inductance values and provides excellent low fre-quency transient response. The high-pass section is corrected for optimum perfor-mance of the CD horn and is protected with a circuit based on a low-value/low-mass filament resistor that smoothly limits the power sent to the tweeter driver. All components are housed in a vented enclosure formed from semi-expanded polystyrene foam that is extremely strong, lightweight and weather resis-tant. Threaded metal sockets are molded into the cabinet to facilitate quick, safe deployment of the Monitor 44T, as a single unit or in arrays, using specially designed accessory mounting hardware. The Monitor 44T is a part of RCF's Monitor Series, which includes two-way constant directivity, compact speakers in easily installed enclosures.

FEATURES

- › 5" high-efficiency carbon fiber woofer CD horn loaded, 0.5" dome tweeter
- › Built-in, multi-tap constant voltage transformer
- › Built-in, low-inductance passive crossover with high-frequency dynamic protection
- › Lightweight, UV/weather resistant, trapezoidal shaped enclosure for multiple applications and minimum visual intrusion
- › Integrated mounting points for use with optional mounting hardware
- › Articulated surface mount hardware included.



SPECIFICATIONS	MR 44T - MR 44W
Type of speaker	Two-way loudspeaker, bass reflex
Applicable power	60 W - (IEC long-term) 4Ω 30 W with transformer (1-5-10-20-30W)
Constant voltage	25 V - 50 V - 70 V - 100 V
Frequency response	150 - 20,000 Hz ±3 dB 80 - 20,000 Hz -10 dB
Sensitivity (1W/1m)	89 dB SPL in anechoic chamber
Maximum sound pressure	108 dB 1 m SPL in anechoic chamber (60 W IEC Long-Term)
Loudspeaker impedance	4 Ω (rotary dial in by-pass position)
Angle of coverage [1.000 Hz]:	110°x110° (horn directivity)
Dimensions (W x H x D)	182x262x167 mm
Colour	Black (MR 44T) White (MR 44WT)
Net weight	3,6 kg
Connectors	Pressure type

Monitor55 Code no. 00.07.143

Monitor55W Code no. 00.07.355

Careful acoustic design and the use of advanced materials contribute to the exceptional music fidelity and speech intelligibility exhibited by the RCF Monitor 55 (black) and Monitor 55W (white) two-way speaker systems. The shielded low-frequency driver's carbon fiber diaphragm produces a linear response and low distortion. The high-frequency section features a 110° x 110° constant directivity horn with a built-in mechanical phase equalizer. The horn is driven by a Ferrofluid® cooled, 0.75" soft dome tweeter.

FEATURES

- › 5" high-efficiency carbon fiber woofer 110° x 110° constant directivity horn with Ferrofluid® cooled, 0.75" soft dome tweeter
- › Built-in, LICC low inductance passive crossover with high-frequency dynamic protection
- › Lightweight, UV/weather resistant, trapezoidal shaped enclosure for multiple applications and minimum visual intrusion
- › Integrated mounting points for use with optional mounting hardware
- › Articulated surface mount hardware included.



SPECIFICATIONS	MR 55 - MR 55W
Type of speaker	Two-way loudspeaker, bass reflex
Applicable power	175 W - (IEC long-term) 4Ω
Frequency response	100 - 19,000 Hz -3 dB
Sensitivity (1W/1m)	87 dB SPL in anechoic chamber
Maximum sound pressure	112 dB 1 m SPL in anechoic chamber
Angle of coverage	110°x100° (horn directivity)
Dimensions (W x H x D)	182x262x167 mm
Colour	Black (MR 55) White (MR 55W)
Net weight	3.9 kg
Connectors	Screw type

Monitor88 Code no. 131.10.109

Monitor88W Code no. 131.10.152

The Monitor88 is the result of extensive research in the development of new transducers and crossover design. The result is a product with exceptional fidelity, the ability to produce deep controlled bass and extended high frequencies without sacrificing efficiency. The low-frequency 8" driver's low-mass, carbon fiber diaphragm remains extremely rigid at high power levels, producing a more linear response and lower distortion. The high-frequency section features a constant directivity horn with a built-in mechanical phase equalizer. The horn is driven by a Ferrofluid® cooled, 1" titanium dome tweeter. All components are housed in a vented enclosure formed from semi-expanded polystyrene foam. The speaker system is available in black (Monitor88) or white (Monitor88W).

FEATURES

- › 8" cast aluminum basket, high-efficiency carbon fiber woofer
- › 110° x 90° constant directivity horn with Ferrofluid® cooled, 1" titanium dome tweeter
- › Built-in LICC low-inductance passive crossover with high frequency dynamic protection
- › Lightweight, UV/weather resistant, high density polystyrene, trapezoidal shaped enclosure for multiple applications and minimum visual intrusion
- › Integrated mounting points for use with optional mounting hardware



SPECIFICATIONS	MR 88 - MR 88W
Type of speaker	Two-way loudspeaker, bass reflex
Applicable power	300 W - (IEC long-term) 8Ω
Frequency response	70 - 20,000 Hz -3 dB
Sensitivity (1W/1m)	91 dB SPL in anechoic chamber
Maximum sound pressure	120 dB 1 m SPL in anechoic chamber
Angle of coverage	110°x80° (horn directivity)
Dimensions (W x H x D)	430x290x260 mm
Colour	Black (MR 88) White (MR 88W)
Net weight	9.8 kg
Connectors	Screw type