



# MR 44T

2 WAY REFLEX SPEAKERS 60 W WITH TRANSFORMER



## Description

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 conventional) inductance values in series with the woofer. This design reduces sound delays associated with high inductance values and provides excellent low frequency transient response. The high-pass section is corrected for optimum performance 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 semiexpanded polystyrene foam that is extremely strong, lightweight and weather resistant. 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.

## Features

- › Ideal for high quality paging and music reproduction
- › Low impedance (40 - 60W) or 100V operating mode
- › Transducers LF 5" - HF 0.5" constant directivity tweeter
- › Built-in low inductance passive crossover with high frequency dynamic protection, bass reflex Built-in low inductance passive crossover with high frequency dynamic protection, bass reflex @65Hz
- › Body in self-extinguishing plastic
- › Includes hinged support for installation

## Part Number

13100014 MR 44T  
13100015 MR 44T W

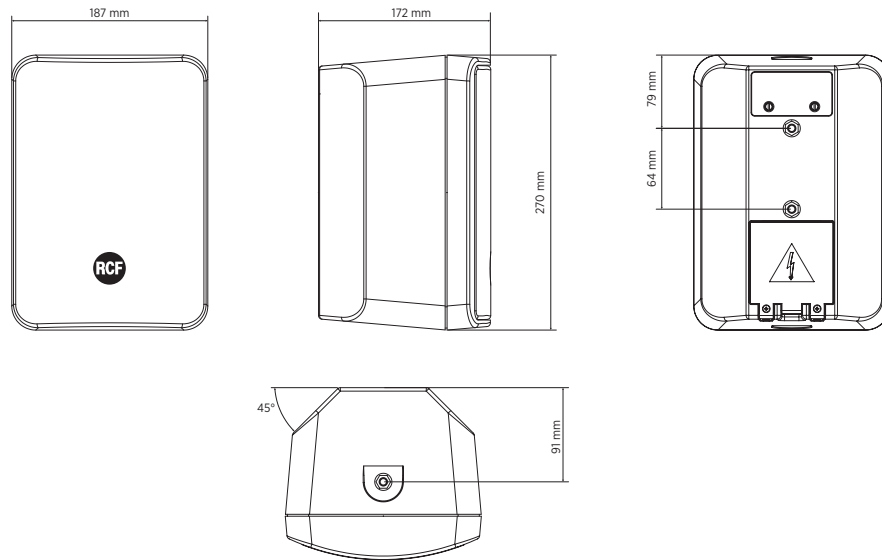
Black - RAL 9005 EAN 8024530014261  
White - RAL 9003 EAN 8024530014285



# MR 44T

2 WAY REFLEX SPEAKERS 60 W WITH TRANSFORMER

## Line Art 2D



## TECHNICAL SPECIFICATIONS

<b>Acoustical specifications</b>	Frequency Response (-10dB)	60 Hz ÷ 23000 Hz	
	Max SPL @ 1m	108 dB	
	Coverage angle	110°	
	System Sensitivity	87 dB	
<b>Power section</b>	Nominal Impedance	4 ohm	
	Power Handling	60 W	
	Peak Power Handling	240 W PEAK	
	Crossover Frequencies	4000 Hz	
<b>Transducers</b>	Dome Tweeter	1 x 0.5"	
	Woofers	1 x 5.0"	
<b>Input/Output section</b>	Input connectors	Push Type Terminals	
	Output connectors	Push Type Terminals	
	Constant Voltage Transformer	70/100 V	
	Power selection 1	40 W - 250 ohm	
	Power selection 2	30 W - 333 ohm	
	Power selection 3	20 W - 500 ohm	
<b>Standard compliance</b>	Power selection 4	10 W - 1000 ohm	
	Power selection 5	5 W - 2000 ohm	
	Safety agency	CE compliant	
	<b>Physical specifications</b>	Cabinet/Case Material	Plastic
		Hardware	Wall mount bracket
Grille		Steel	
Color		White - RAL 9003, Black - RAL 9005	
<b>Size / Weight</b>	Height	270 mm / 10.63 inches	
	Width	187 mm / 7.36 inches	
	Depth	172 mm / 6.77 inches	
	Weight	3.73 kg / 8.22 lbs	