

# TT08-A

## PRECISION MONITOR



The TT08-A is by far the smallest member of the TT+ family, whilst being the most flexible and powerful tool in its class. From live sound to playback and monitoring, corporate events and broadcast studios.

Though remarkably compact and lightweight, the TT08-A offers an incredible maximum sound pressure level of 128dB, making it suitable for use as either a single, primary loudspeaker or within multicabinet horizontal and vertical arrays. Its performance efficiency is almost 3dB higher than many larger 10" speaker systems and indeed comparable to many 12" systems. Applications include AV presentations; small- to medium-sized main sound reinforcement systems; fill, delay, and effects systems; under-balcony coverage; and distributed systems

The TT08-A low-mid frequency section employs an 8-inch neodymium magnet cone driver, while the high-frequency section utilizes an efficient 1-inch exit, 44mm diaphragm compression driver. Each transducer has been specifically designed for the application. The woofer provides large excursion and very light weight. The voice coil is a 64 mm design, best compromise between power handling and low mass. The compression driver features a new pure titanium dome. Special ribs on the dome provides maximum flatness and extension in very high frequencies.

The TT08-A on-board amplifier features 750 watt switching power supply module, 500 watt low frequency digital amplifier module, 250 watt high frequency digital amplifier module extra capacitor bus able to sustain the voltage for 100 ms burst signals. The total available power supply power is 750 watts and can be distributed to the 2 final amplifier sections. Each amplifier section has a very high maximum output power capability in order to provide, when necessary, maximum output bursts in a specific frequency range.

The input section provides In/Out XLR connectors, system sensitivity control, side to side or floor coupling correction switch, 4 status LEDs. The high quality analog input board provides linear phase crossovers, system equalization, fast limiter, RMS limiter and configuration control. The AC panel features In/Out Powercon connectors, On/Off switch. The cabinet is in marine baltic birch plywood, coated with high resistance epoxy paint. The mechanical suspension and orientation is very easy thanks to two 3-points fly tracks. The cabinets features a steel pole mount cap and two different angles for near field or long field monitoring.

### Applications

- Compact voice and music reinforcement systems
- Front and under-balcony fill
- Small theatres and convention centers
- Portable and installed audio-visual systems
- Surround sound for concert halls, night clubs and houses of worship

### Features

- 750 Watt power switching amplifiers
- Wide, constant directivity, coverage angle
- High power 64 mm coil neodymium woofer
- 44 mm coil titanium compression driver
- High quality analog input board
- Soft limiter and RMS protection
- Maximum output per size available on the market

### ACOUSTICAL SPECIFICATIONS

Frequency response:	65 Hz- 20 KHz
Max SPL:	128 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	60°
Compression driver:	1.0" neo, 44 mm voice coil
Midrange:	-
Woofer:	8" neo, 64 mm voice coil

### INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	xlr
Input sensitivity:	- 2 dBu / + 4 dBu

### PROCESSOR SECTION

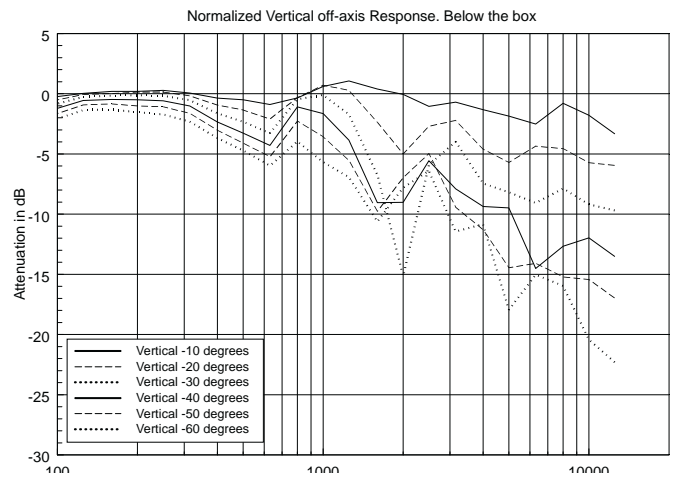
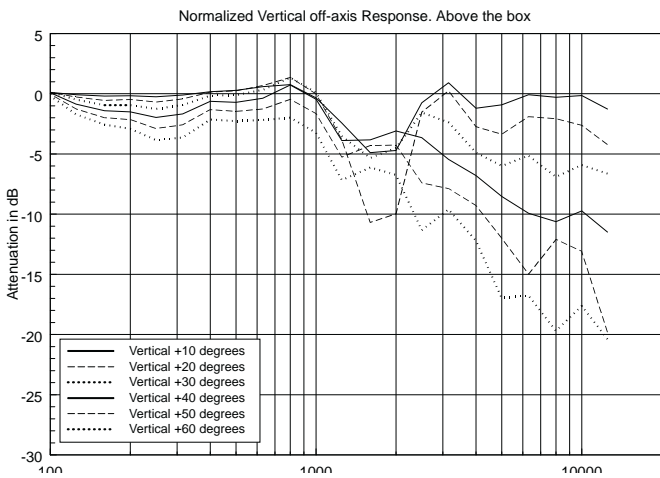
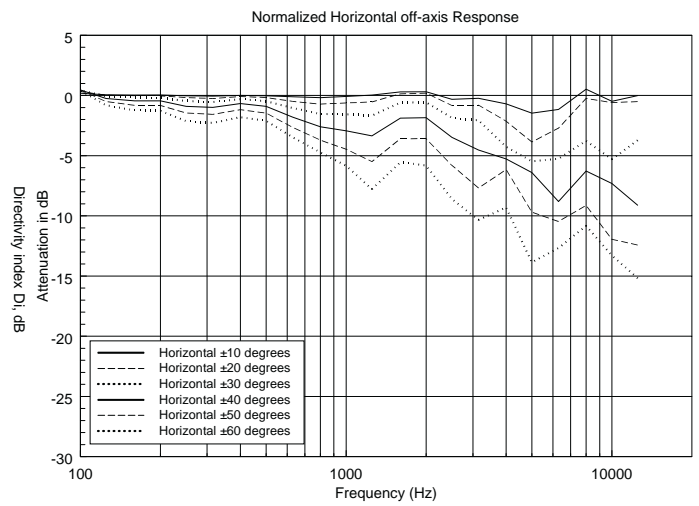
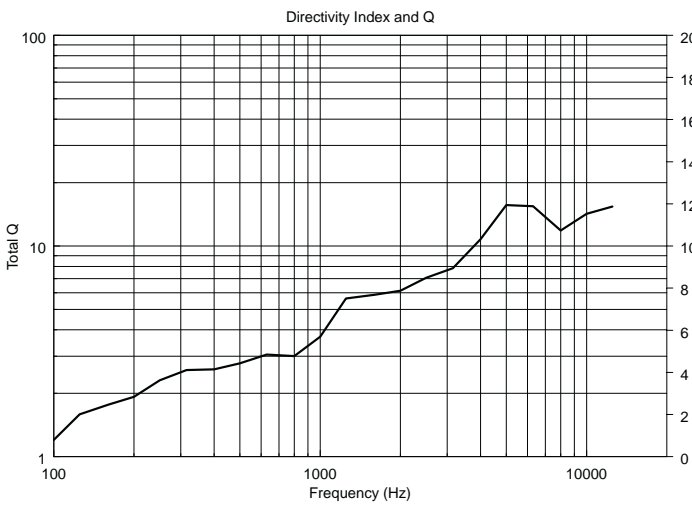
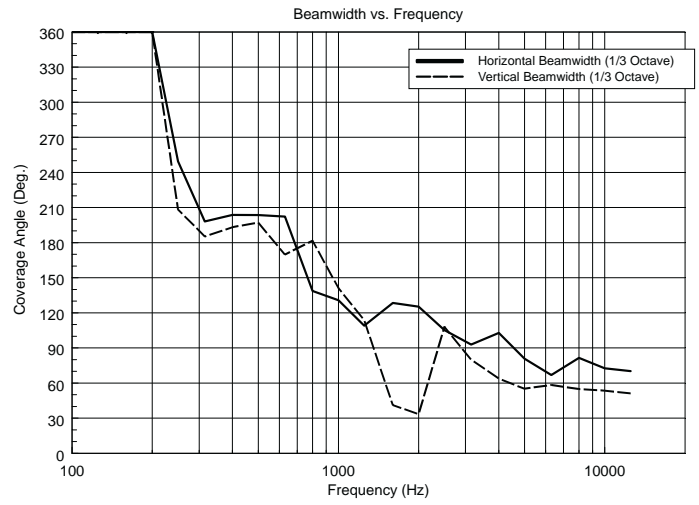
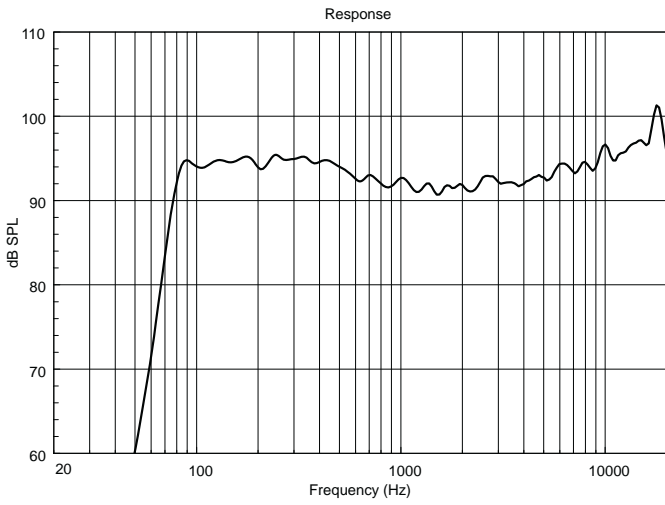
Crossover frequencies:	1700 Hz
Protections:	thermal, hf
Sensitivity control:	yes
Limiter:	fast limiter
High pass:	-
Controls:	side/floor coupling

### AMPLIFIER

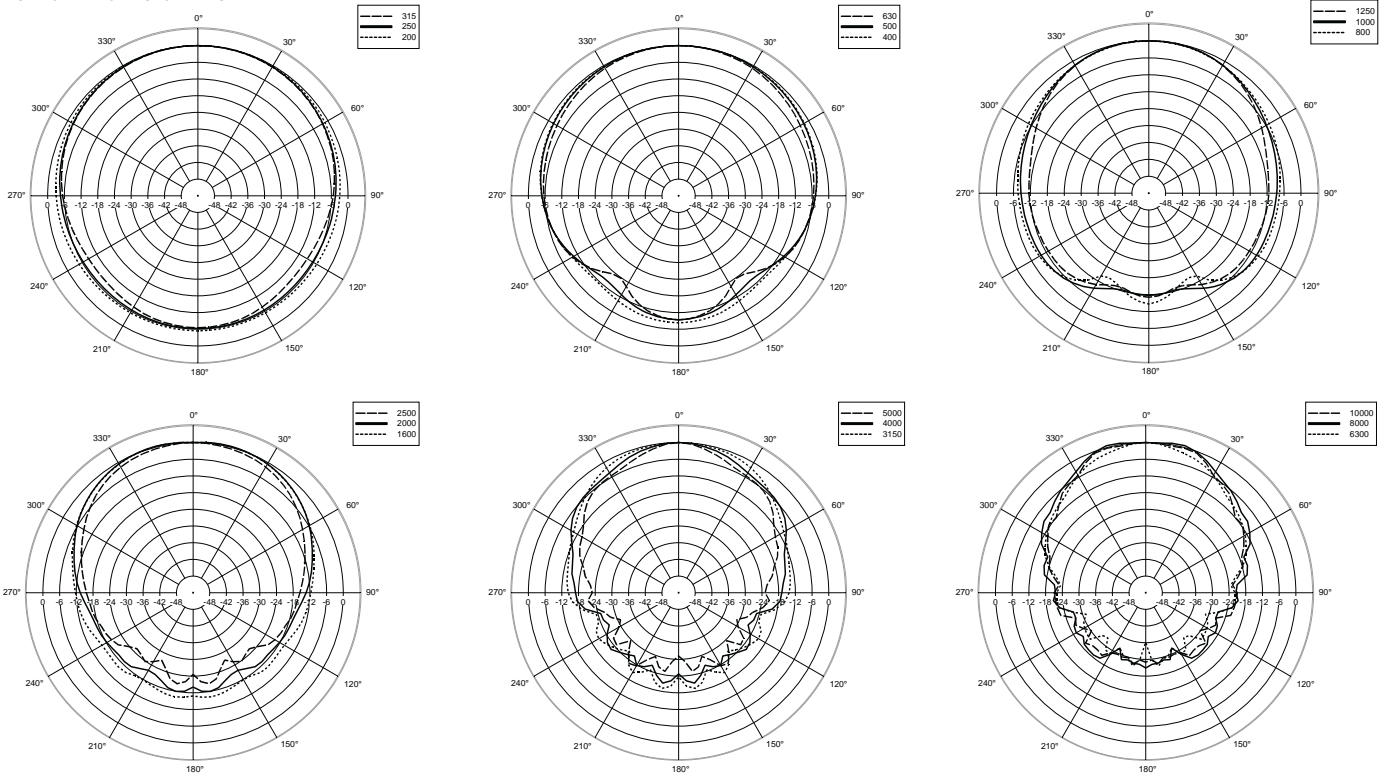
Power supply:	switching 750 Watt
High frequencies:	D / 250 Watt
Mid frequencies:	-
Low frequencies:	D / 500 Watt
Cooling:	convection
Connection:	powercon in/out

### PHYSICAL

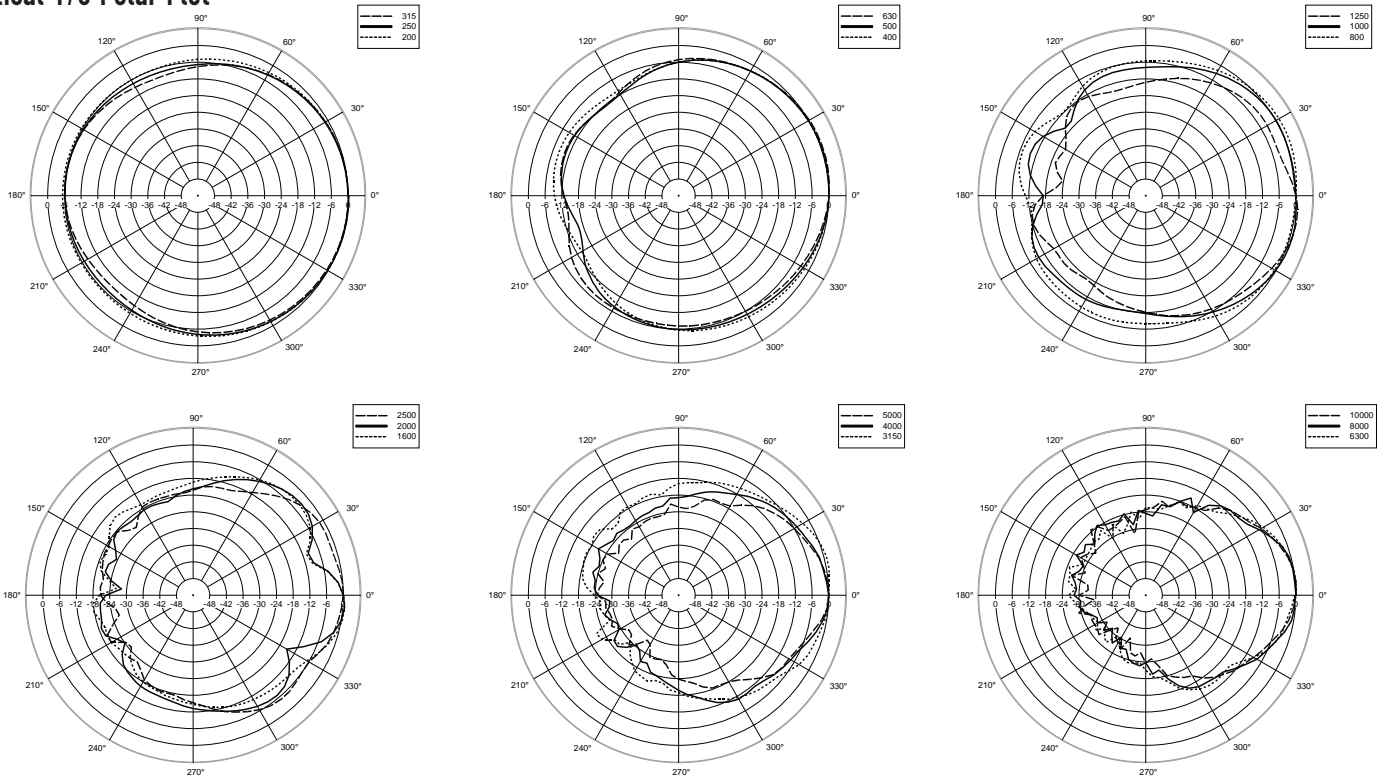
Height:	430 mm (16,93")
Width:	270 mm (10,63")
Depth:	303 mm (11,93")
Weight:	11,4 kg (25,13 lbs)
Cabinet:	baltic birch
Hardware:	2 x fly tracks, pole mount
Handles:	-
Pole mount cap	yes
Colour:	Black



**Horizontal 1/3 Polar Plot**



**Vertical 1/3 Polar Plot**



CSI PRODUCT SPECIFICATIONS FOR DESIGNERS, SPECIFIERS, AND CONSULTANTS (ALSO KNOWN AS "A&E SPECIFICATIONS")

The following are "Part 2 Products" CSI-type specifications. It is assumed that "Part 1 General – Administrative and Procedures" and "Part 3 Execution – Installation and Maintenance" are part of an overall audio system or project specification.

**PART 2 PRODUCTS**

**2.01 Approved Manufacturer/Product**

- A. RCF, Via Raffaello 13, 42100 Mancasale, Reggio Emilia, Italy.
- B. Model number: TT08-A

**2.02 Design**

Configuration	precision monitor
LF Sub-section	8" neodymium woofer, 64 mm voice coil
MR Sub-section	-
HF Sub-section	1,0" neodymium, 44 mm voice coil

**2.03 Acoustical Properties**

Nominal dispersion angle:	90° x 60°
Axial frequency range:	65Hz-20kHz

**2.04 Physical Properties**

Cabinet:	Baltic birch
Rigging inserts:	-
Color:	Black
Grille:	Custom perforated steel grille with open-cell poly fiber backing
Input Connectors:	xlr
Dimensions (H x W x D):	430 x 270 x 303 mm (16.93" x 10.63" x 11.93")
Weight:	11,4 kg (25,13 lbs.)

**2.05 Accessories**

AC PM M20	M20 pole mount for TT22-A or TT25-A speakers
ACS 260	Steel speaker floor stand, load capacity up to 60 kg
ACS 140	Steel speaker floor stand, load capacity up to 40 kg
AC DS4X	Kit 4 hook kit for suspending fly track bar.
AC EB4X	Kit including No. 4 shouldered 0.39 inch eye bolts

