

# TT051-A

## ULTRA COMPACT WIDE DISPERSION SPEAKER



### MAIN APPLICATIONS

- Concert halls
- Theatres
- Monitoring
- Distributed sound
- Multimedia

### MAIN FEATURES

- 300 Watt, 2 way digital amplification
- Heavy duty multi-functional cabinet
- 5" low distortion woofer
- 1" titanium dome tweeter
- DSP processing
- Wall mount EQ, High pass EQ
- RDNReady

### DESCRIPTION

The TT051-A is an ultra compact, active loudspeaker designed specifically for high quality indoor nearfield sound amplification. It provides surprisingly high output and exceptional fidelity for foreground and background music applications. Its speech projection capabilities also make it very effective as a fill or delay element in larger audio systems. Unlike many compact loudspeakers, the TT051-A produces the high impact, high definition sound projection expected in professional PA applications. Its wide angle projection, 110° conical, makes audience coverage easy in a variety of situations. Special integrated side mechanics with a unique quick lock system has been developed to provide a fast and easy set up of the speakers, offering an outstanding application flexibility.

It is equipped with a 300 W class D digital amplifier, 150 W for the low frequencies and 150 W for the high frequencies. A powerful 5" neodymium woofer and a 1" aluminium dome tweeter loaded to a wide dispersion constant directivity horn provide an extensive coverage.

TT051-A features a 48 KHz, 28 bit DSP processing and a dedicated networking board. Using our proprietary RDNReady protocol is possible to monitor all the system parameters, from the input to the status of each single amplifier. Having a Dsp on board of each cabinet, it is possible to address to single cabinets or groups of cabinets specific presets or modifications of parameters like gain, equalisation or delay. The RDNReady protocol is based on RS-485 communication protocol, it is very stable and it is possible to send and receive data on a simple XLR cable.

The state of the art TT051-A input board which features XLR In/Out, Volume control, Eq. switch for wall mounting, Hi-pass filter switch, RDNReady, RDNReady bypass, 4 status LEDs, Powercon In/Out.

Foam-backed grilles hide the drivers from view for pleasing aesthetics.

The cabinet features integrated quick lock mechanics to provide a perfect stability during mobile events or easy assembling for permanent installation

### ACOUSTICAL SPECIFICATIONS

Frequency response:	65 Hz- 20 KHz
Max SPL:	116 dB
Horizontal coverage angle:	Conical 110°
Vertical coverage angle:	Conical 110°
Compression driver:	1" metal tweeter
Midrange:	-
Woofer:	5" woofer, 1.2" voice coil

### INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	XLR, RDNReady / XLR
Input sensitivity:	-2 dBu / +10 dBu

### PROCESSOR SECTION

Crossover frequencies:	1800 Hz
Protections:	thermal, excurs., rms
Sensitivity control:	-
Limiters:	soft limiter
High pass:	-
Controls:	DSP controlled

### AMPLIFIER

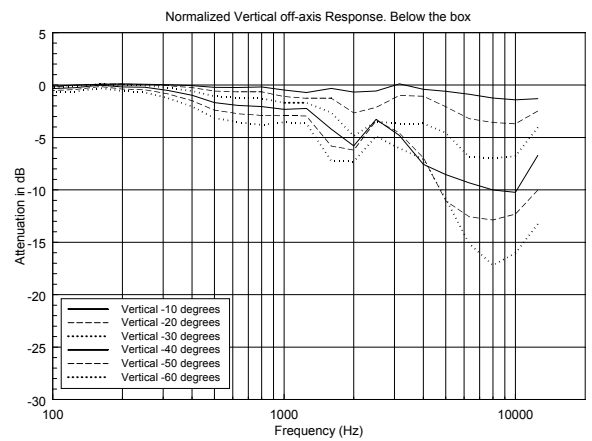
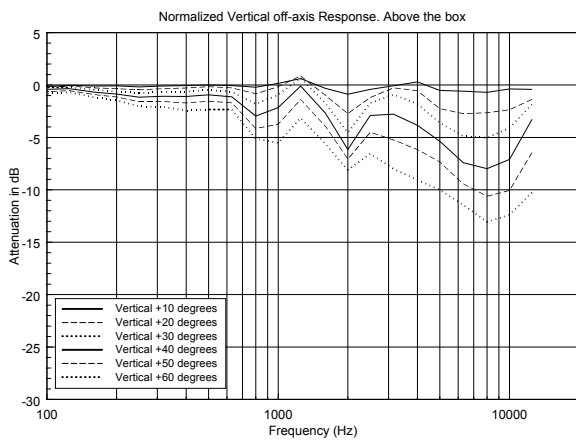
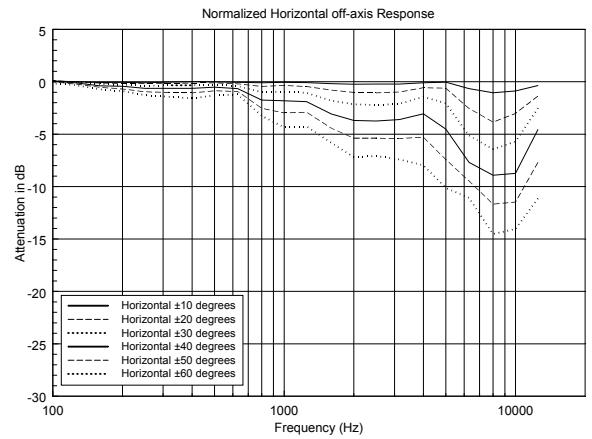
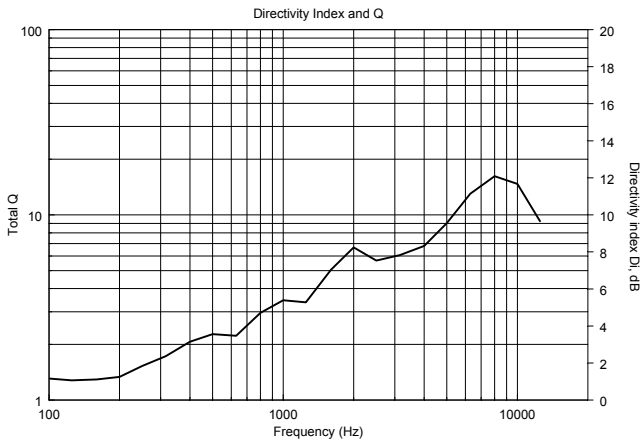
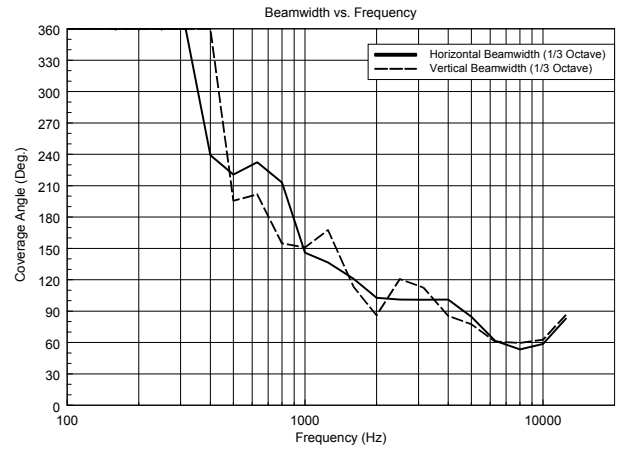
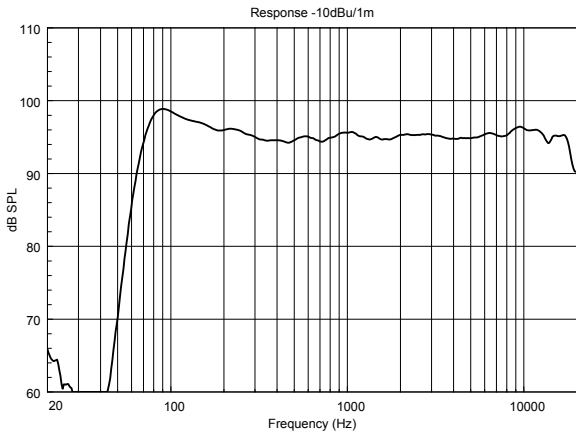
Power supply:	switching 350 Watt
High frequencies:	D / 150 Watt
Mid frequencies:	-
Low frequencies:	D / 150 Watt
Cooling:	convection
Connection:	powercon

### PHYSICAL

Height:	348 mm (13.70")
Width:	150 mm (5.90")
Depth:	190 mm (7.48")
Weight:	7 kg (15.43 lbs)
Cabinet:	baltic birch plywood
Hardware:	multi-functional
Handles:	top, bottom
Pole mount cap:	-
Colour:	Black

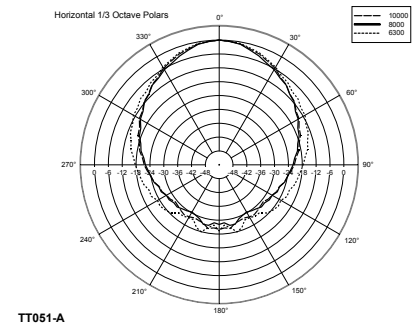
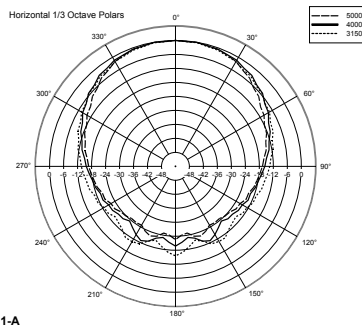
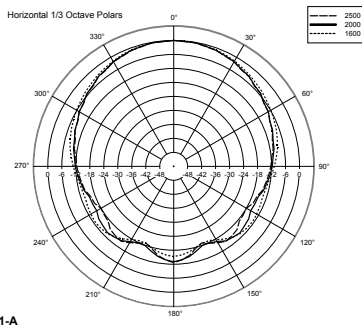
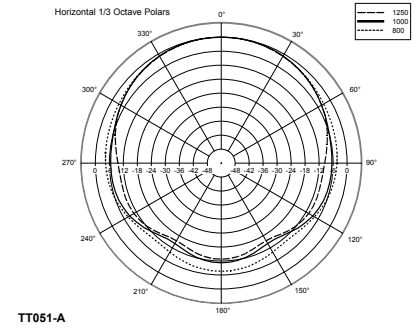
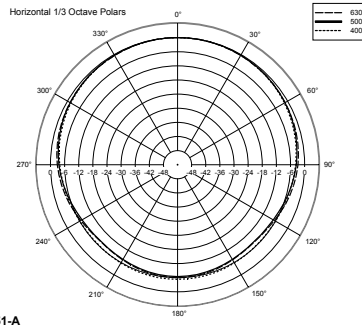
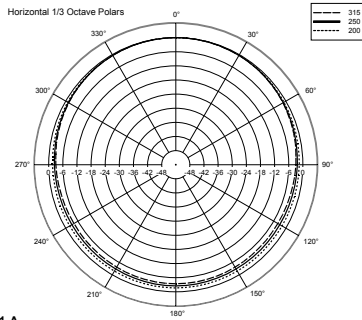


# TT051-A

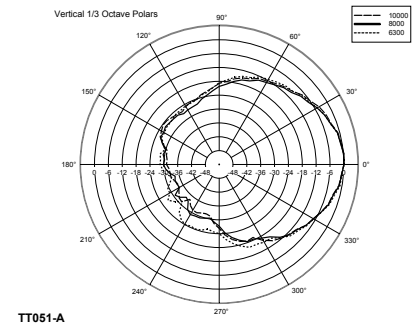
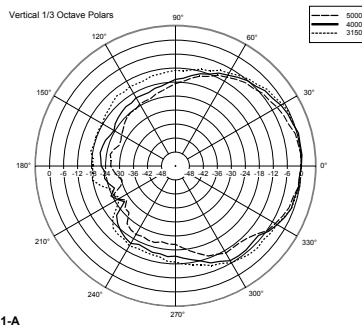
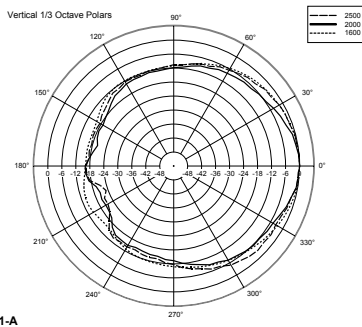
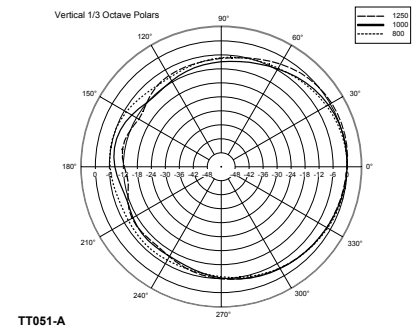
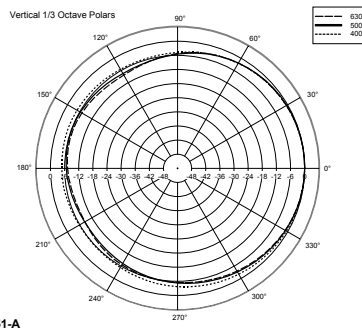
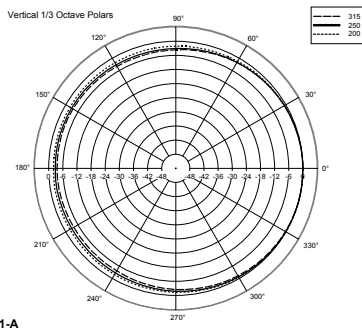


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## HORIZONTAL 1/3 POLAR PLOT



## VERTICAL 1/3 POLAR PLOT



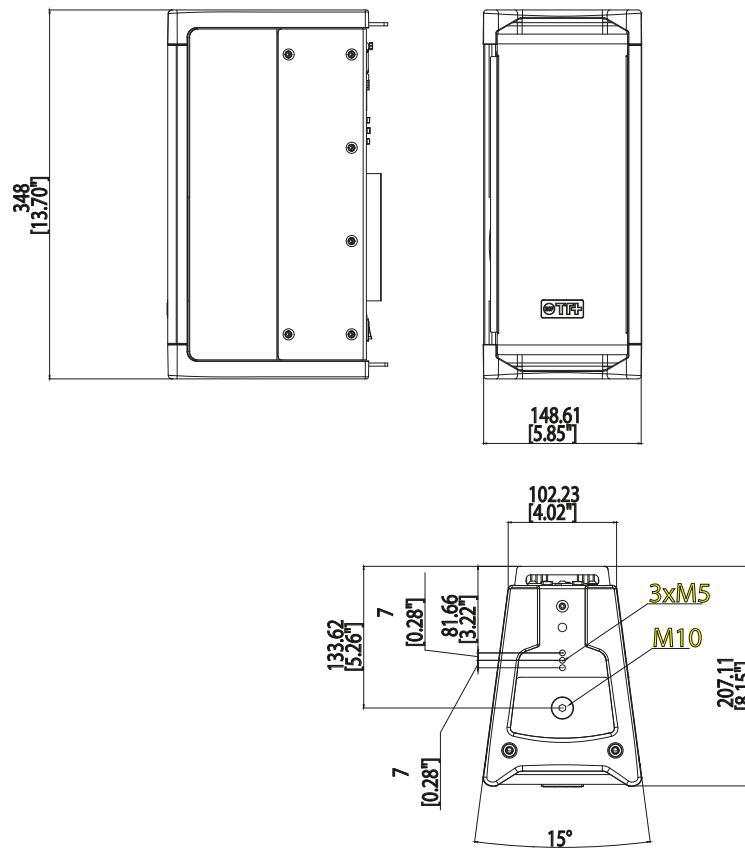
# TT051-A

## PART NUMBERS

13000243 - 230VOLT

13000244 - 115 VOLT

## DIMENSIONS (All data are in mm)



## ACCESSORIES

AC TT051/52 STAND ADAPTER	Stand adapter for TT051-A and TT052-A.
AC TT051/52 PIPE CLAMP	Pipe clamp adapter for TT051-A and TT052-A.
AC RD-NET IN-OUT PLUG	RD Net Control Board
AC TT051 H-BR	Pair of horizontal bracket for mounting TT051-A speakers on the wall.