TT052-A

ULTRA COMPACT WIDE DISPERSION SPEAKER

MAIN APPLICATIONS

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

MAIN FEATURES

- 300 Watt, 2 way amplification
- Heavy duty multi-functional cabinet
- 2 x 5" low distortion woofer
- 1" neodymium compression driver, 1.5" v.c.
- DSP processing
- Wall mount EQ, High pass EQ
- RDNet ready

DESCRIPTION

The TT052-A is an extremely compact, active loudspeaker specifically designed for indoor applications where the audio beam must be directed towards specific zones.
It provides surprisingly high output and exceptional fidelity for foreground and background music applications. It's speech projection capabilities also make it very effective as a fill or delay element in larger audio systems. Unlike many compact loudspeakers, the TT052-A produces the high impact, high definition sound projection expected in professional PA applications. Its wide angle projection, 90° 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 two 5" neodymium woofers and a 1" compression driver, 1,5" voice coil. Thanks to its constant directivity horn and high volume output, the TT052-A can be used to guarantee the perfect intelligibility in critical environment
TT052-A features a 300 W class D digital amplifier and a 48 Khz, 28 bit DSP processing. Using our proprietary RDNet protocol is possible to monitor all the system parameters, form 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 RDNet 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 TT052-A input board which features XLR In/Out, Volume control, Eq. switch for wall mounting, Hi-pass filter switch, RDNet ready, RDNet 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:	123 dB
Horizontal coverage angle:	Conical 90°
Vertical coverage angle:	Conical 90°
Compression driver:	1" neo, 1.5" v.c.
Midrange:	-
Woofer:	2x5" woofer, 1.2" voice coil

INPUT SECTION

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

PROCESSOR SECTION

Crossover frequencies:	1500 Hz
Protections:	thermal, excurs., rms
Sensitivity control:	-
Limiter:	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:	493 mm (19.40")
Width:	150 mm (5.90")
Depth:	190 mm (7.48")
Weight:	11 kg (24.25 lbs)
Cabinet:	baltic birch plywood
Hardware:	multi-functional
Handles:	top, bottom
Pole mount cap	-
Colour:	Black

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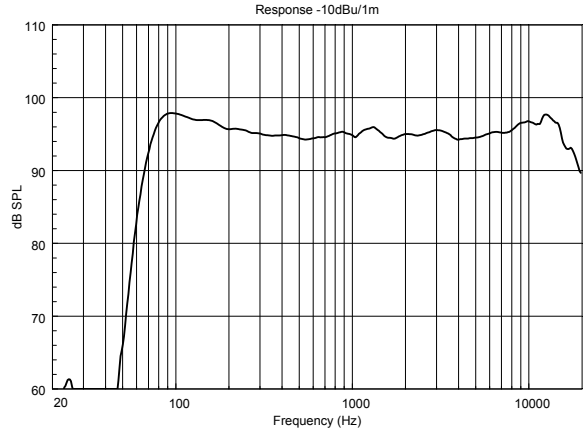

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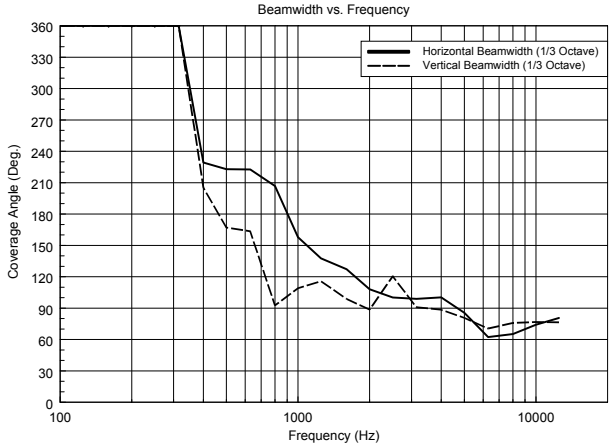

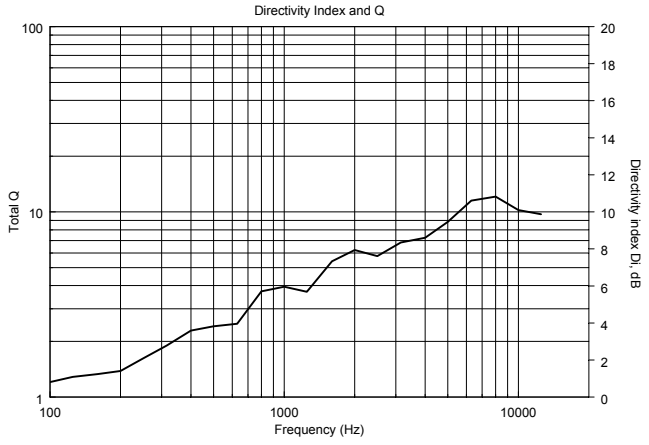

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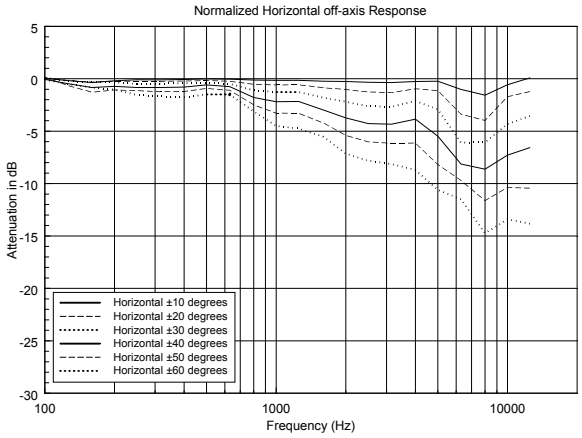

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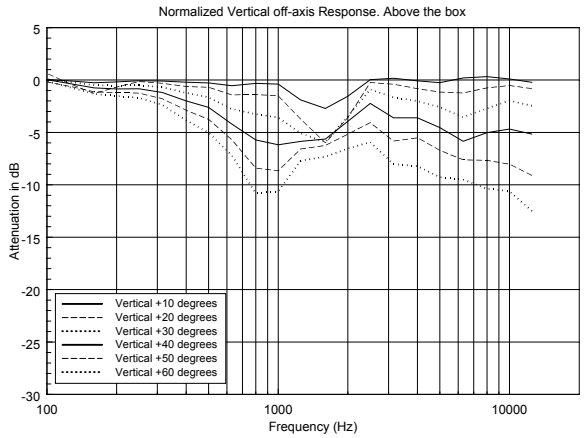

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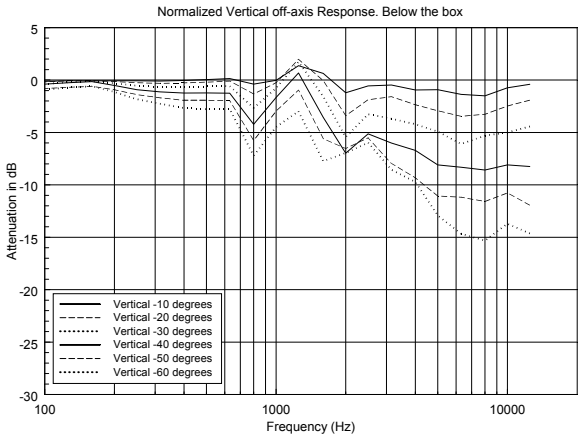

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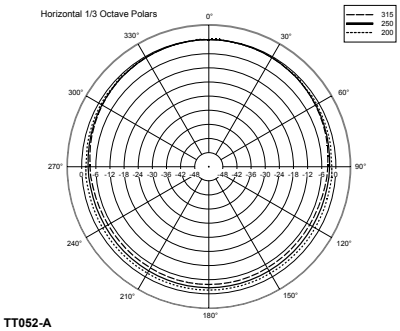
HORIZONTAL 1/3 POLAR PLOT



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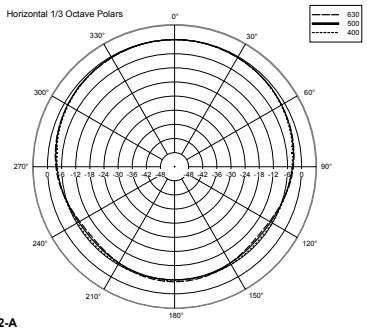

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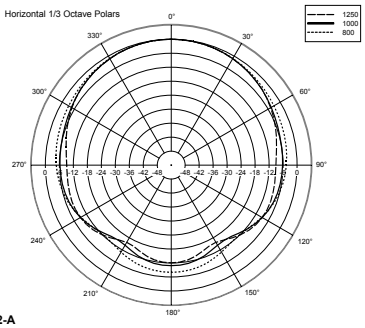

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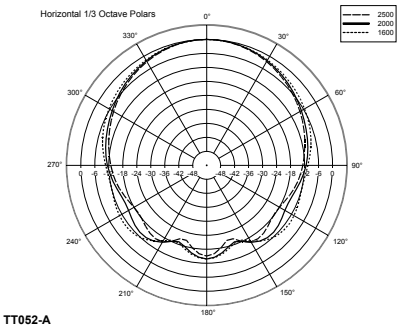

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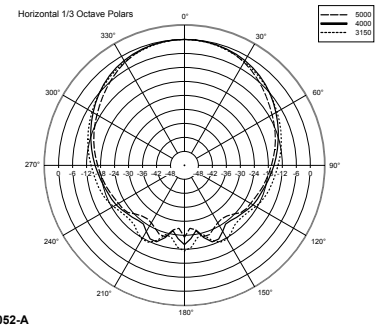

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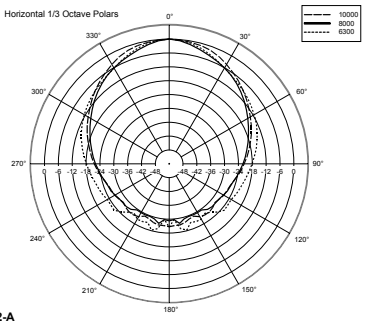

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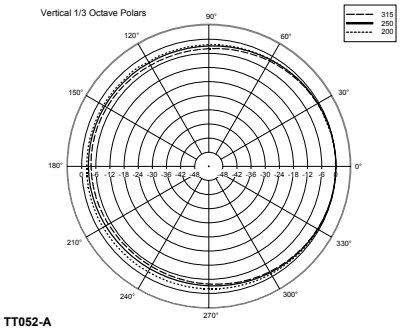
VERTICAL 1/3 POLAR PLOT



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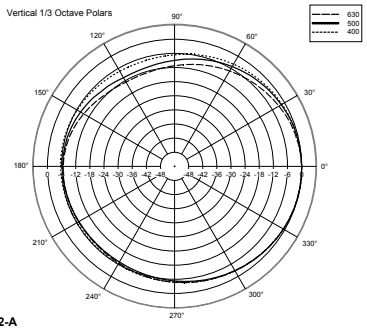

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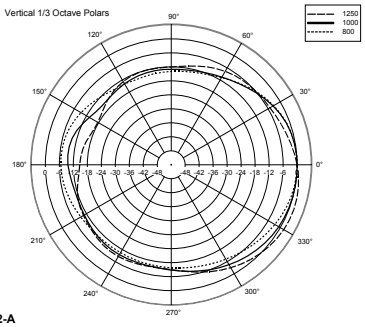

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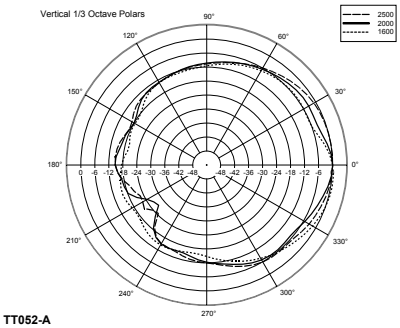

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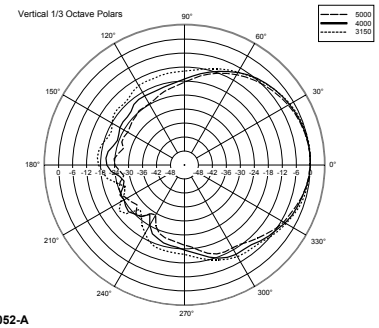

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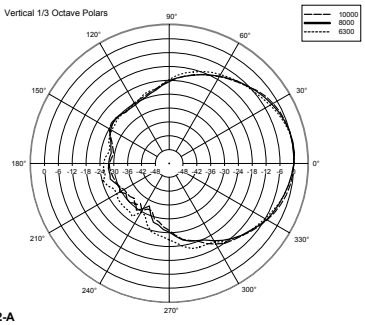

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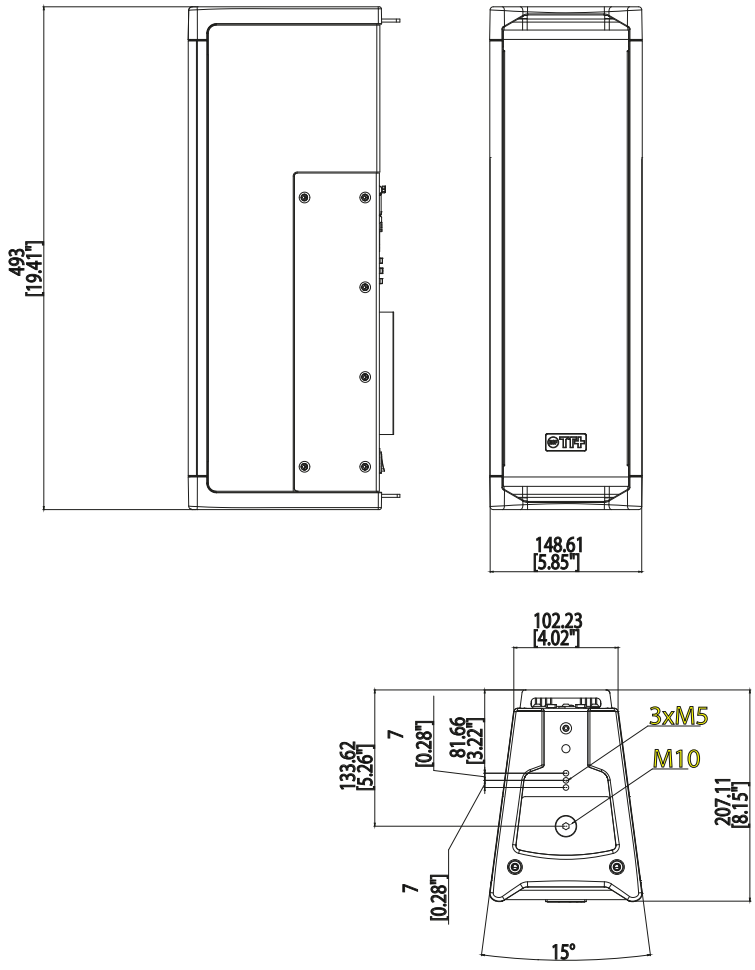
PART NUMBERS

13000245 - 230VOLT

13000246 - 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 TT052 H-BR	Pair of horizontal bracket for mounting TT052-A speakers on the wall.

RCF products are continually improved. All specifications are therefore subject to change without notice.