

TT2-A

ACTIVE HIGH OUTPUT TWO-WAY SPEAKER



MAIN APPLICATIONS

- Portable and installed audio-visual systems
- Retail spaces, presentation suites, shopping malls
- Theatrical sound reinforcement
- Auditoriums, lecture halls, and theme parks
- Fill/delay applications
- Conference centers, ballrooms and houses of worship
- Effects systems; under-balcony coverage and distributed systems

MAIN FEATURES

- 1600 Watt, 2 way amplification
- 12" neo woofer, 4.0" v.c.
- 1.4" neo c. driver, 3.0" v.c.
- 90° x 50° precision waveguide
- 96 Khz, 32 bit DSP processing
- Maximum output, perfect audio fidelity
- Tour grade cabinet and mechanics
- RDNReady

DESCRIPTION

The TT2-A is the most flexible and powerful tool in its class. The incredible output and dynamics, the extreme linearity and fidelity makes the TT2-A a special product in its category. The TT2-A is the ideal compact two-way speaker for near field sound reinforcement, live sound and corporate events. The TT2-A, unique in its category, features a neodymium 3,0" voice coil compression driver on a large, 90°x50° constant directivity, precision horn and a 12" neodymium woofer, 4,0" voice coil. The integration of 1600 Watt, two channel, digital amplification and the advanced digital processing set a new standard for distortion, noise and thermal efficiency.

TT2-A is equipped with a state of the art input board which features XLR In/Out, Gain reduction, Time Delay, Speaker presets, RDNReady option, RDNReady bypass switch, 4 status LEDs, Powercon In/Out

TT2-A features a 96 Khz, 32 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.

All new TT+ Two-Way Systems feature a newly designed multifunctional rear encoder to easily control all the speaker functions (Gain reduction, Delay, Speaker presets), even without network connection.

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

The speaker is equipped with a complete set of integrated rigging mechanics for rental or installation. Dedicated accessories to create clusters are available.

ACOUSTICAL SPECIFICATIONS

Frequency response:	50 Hz- 20 Khz
Max SPL:	134 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	50°
Compression driver:	2" neo, 3.0" v.c.
Woofer:	12" neo, 4.0 v.c.

INPUT/OUTPUT SECTION

Input connectors:	xlr, RDNReady
Output connectors:	xlr, RDNReady
Input sensitivity:	+4 dBu

PROCESSOR SECTION

Crossover frequencies:	750 Hz
Protections:	Thermal, rms
Limiters:	soft limiter, dynamic
Controls:	Gain reduction, RDNReady local setup/bypass, Time Delay, Presets (Linear, Close, Far listening, High-pass), RDNReady

AMPLIFIER

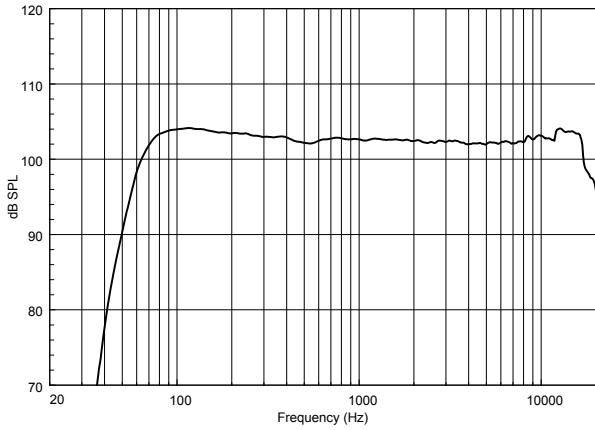
Total Power:	1600 Watt
High frequencies:	500 Watt
Low frequencies:	1100 Watt
Cooling:	convection
Connection:	powercon in-out

PHYSICAL

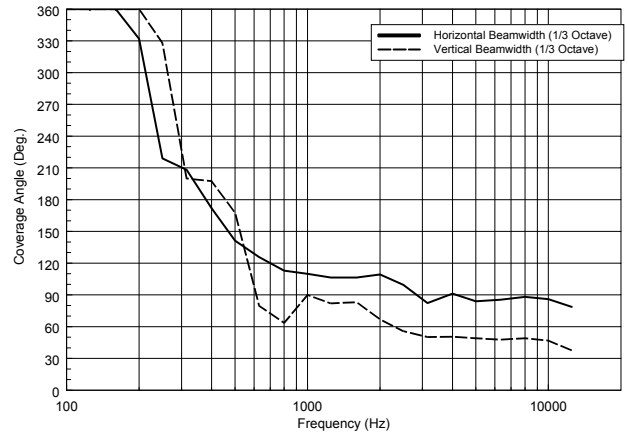
Height:	643 mm (25.31")
Width:	372 mm (14.64")
Depth:	470 mm (18.50")
Net Weight:	34 kg (74.95 lbs)
Cabinet:	baltic birch plywood
Hardware:	Installation/Rental fittings
Handles:	2 side
Pole mount cap	yes
Colour:	Black



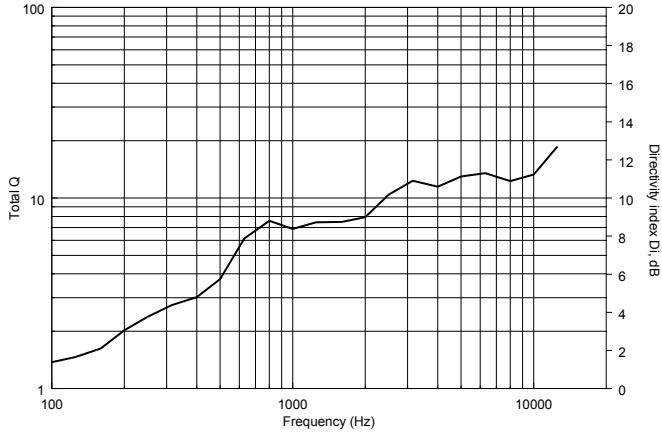
Response -10dBu/2m



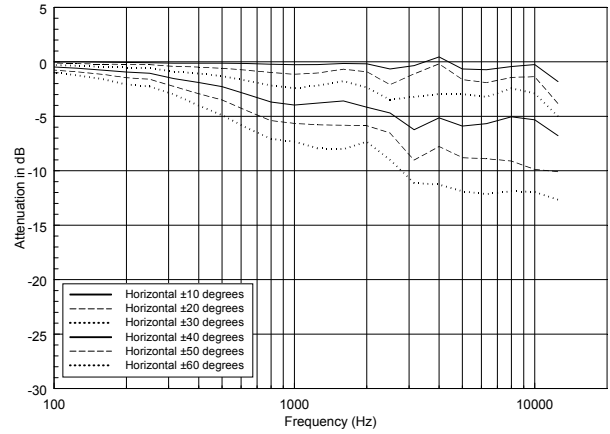
Beamwidth vs. Frequency



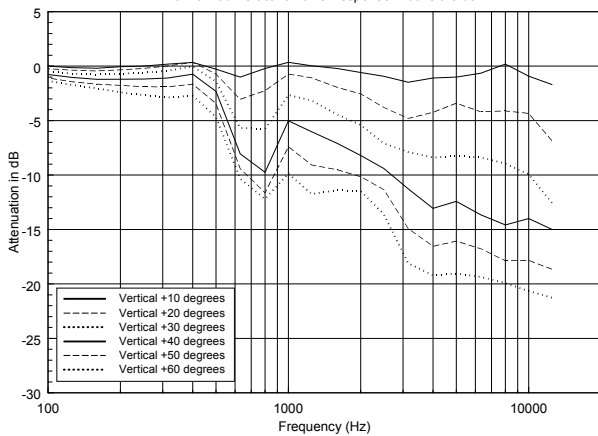
Directivity Index and Q



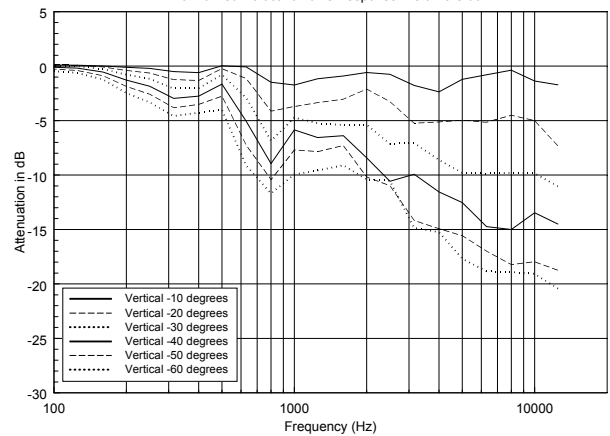
Normalized Horizontal off-axis Response



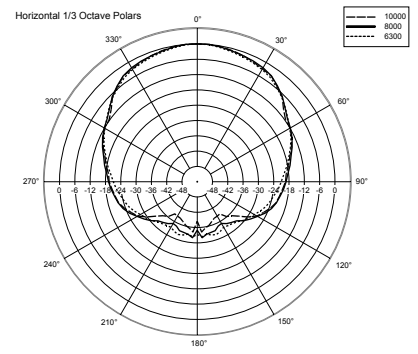
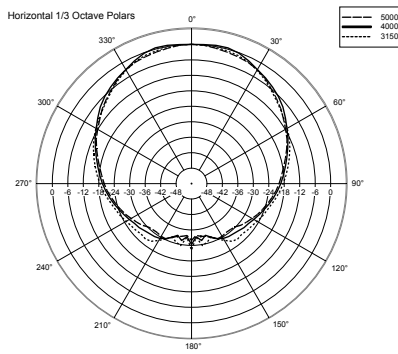
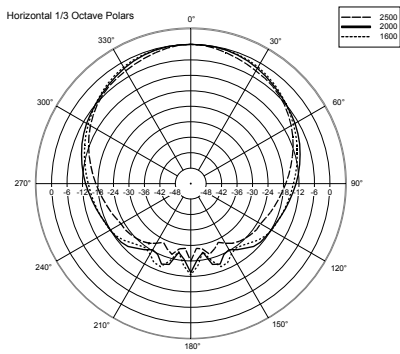
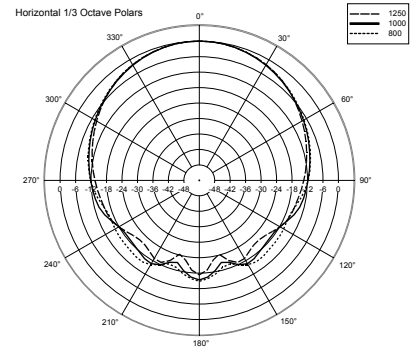
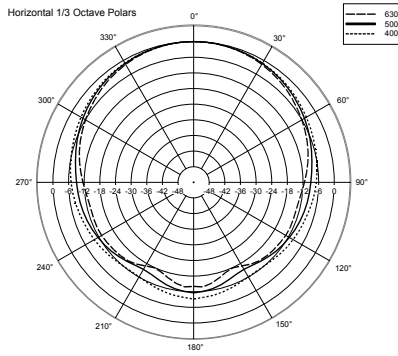
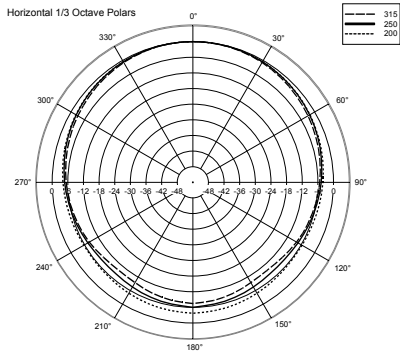
Normalized Vertical off-axis Response. Above the box



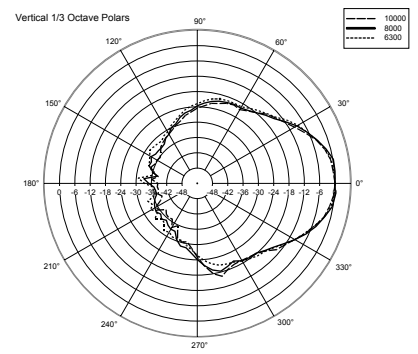
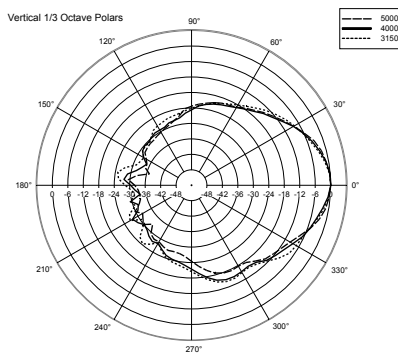
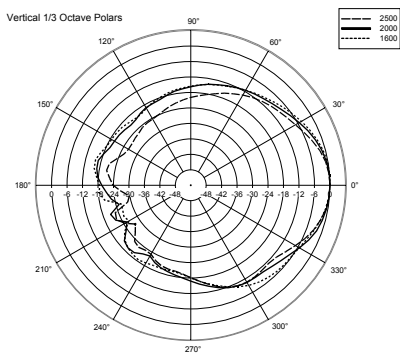
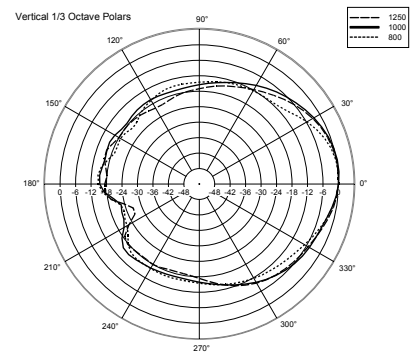
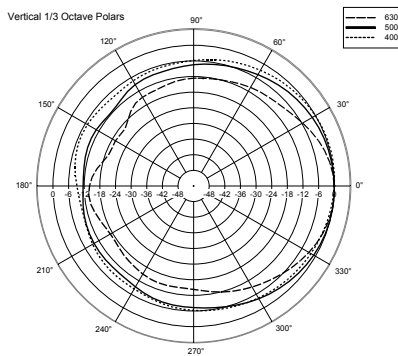
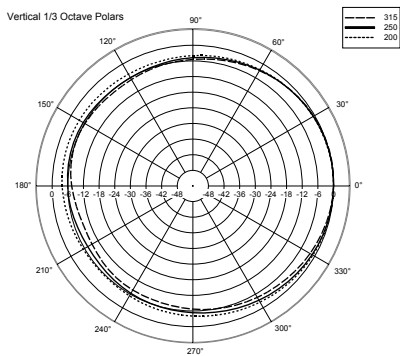
Normalized Vertical off-axis Response. Below the box



HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



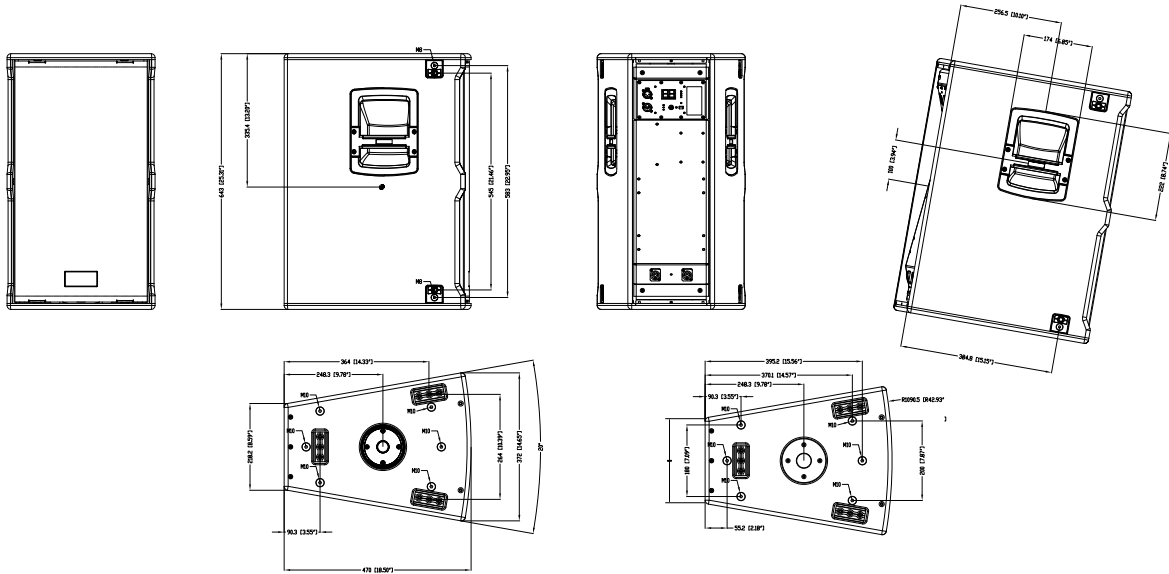
TT2-A

PART NUMBER

13000378 - 230VOLT

13000382 - 115 VOLT

DIMENSIONS (All data are in mm)



ACCESSORIES

AC TT2 H-BR	TT2-A horizontal U braket with M10-PIN-pole mount
AC TT2 V-BR	TT2-A vertical U braket with PIN
AC COVER TT2-A	TT2-A rain cover
AC TT2 PLATE	2 X TT2-A installation plate
AC TT2 END PLATE	2 X TT2-A installation end-plate
AC TT2 TOP V-BR	
AC RAIN COVER TT2/5-A	TT2-A/TT5-A amplifier rain cover