

# TT5-A

## ACTIVE HIGH OUTPUT TWO-WAY SPEAKER



### MAIN APPLICATIONS

- Portable and installed audio-visual systems
- Club Systems
- Live sound
- Corporate Events
- Theatrical sound reinforcement
- Auditoriums, lecture halls, and theme parks
- Fill/delay applications
- Conference centers, ballrooms and houses of worship

### MAIN FEATURES

- 1600 Watt, 2 way amplification
- 15" neo woofer, 4.0" v.c.
- 1.5" neo c. driver, 4.0" 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

Thanks to the powerful 4" compression driver, the large sized horn, the incredibly fast woofer, TT5-A offers the highest performance from a wide dispersion, active, 2 way system. High output and dynamics, extreme linearity and fidelity makes the TT5-A a unique product in its category. The TT5-A is the ideal professional two-way speaker for mid field and near field sound reinforcement, live performance and events. The RCF Precision newly designed 4" compression driver guarantees the exceptional sound projection and pattern control and the high power 15" neodymium woofer with a 4" voice coil guarantees a very controlled and precise bass response perfect for indoor applications such as theatres. A fully optimised T-pole design generates the minimum amount of flux modulation, the unique dual-forced air venting system guarantees a very efficient voice coil ventilation for minimum power compression and higher power handling.

The integration of the 1600 Watt, 2 way digital amplification and the advanced digital processing set a new standard for distortion, noise and thermal efficiency

TT5-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

TT5-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:	45 Hz- 20 Khz
Max SPL:	136 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	50°
Compression driver:	2" neo, 4.0" v.c.
Woofer:	15" neo, 4.0 v.c.

### INPUT/OUTPUT SECTION

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

### PROCESSOR SECTION

Crossover frequencies:	650 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
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### AMPLIFIER

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

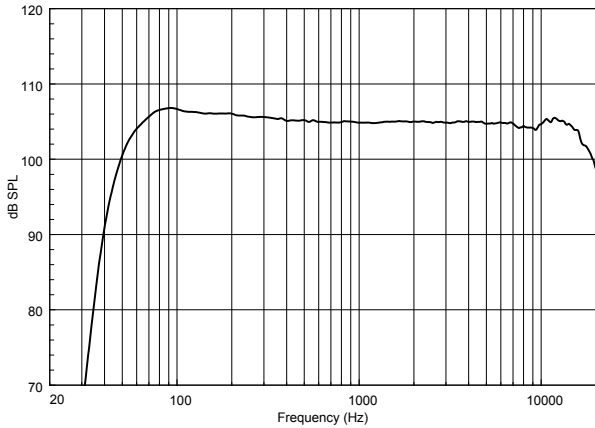
### PHYSICAL

Height:	735 mm (28.94")
Width:	444 mm (17.47")
Depth:	529 mm (20.82")
Net Weight:	42 kg (92.59 lbs)
Cabinet:	baltic birch plywood
Hardware:	Installation/Rental fittings
Handles:	2 side
Pole mount cap	yes
Colour:	Black

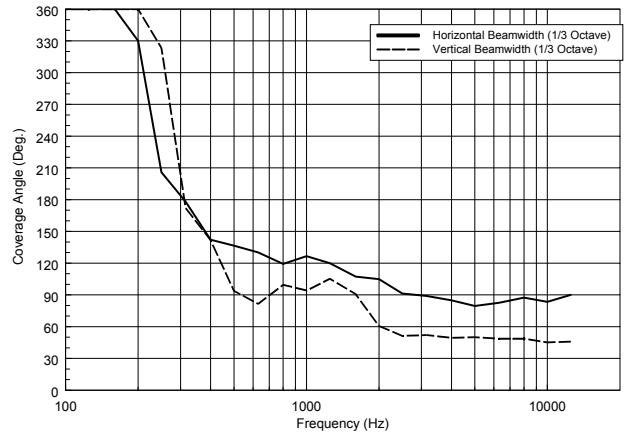


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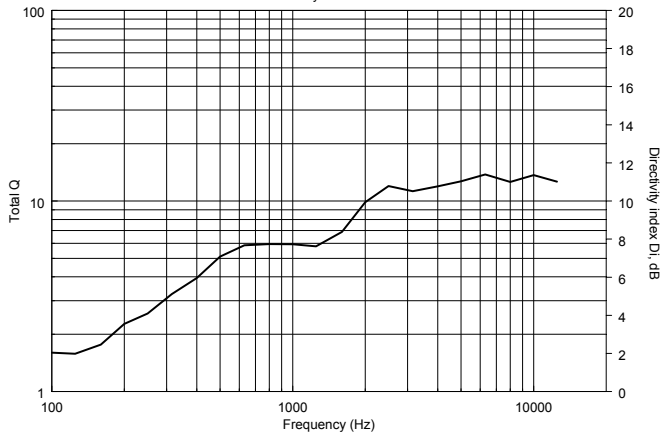
Response -10dBu/2m



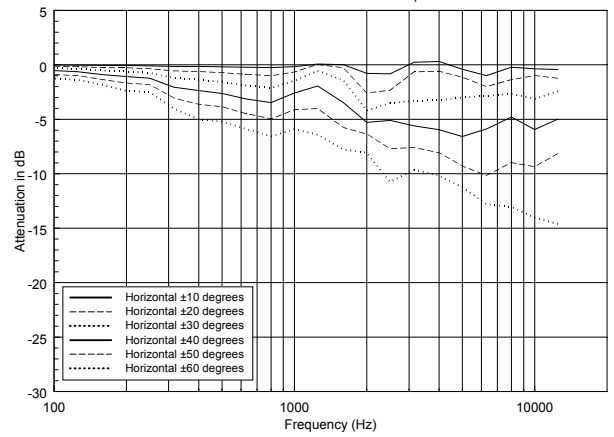
Beamwidth vs. Frequency



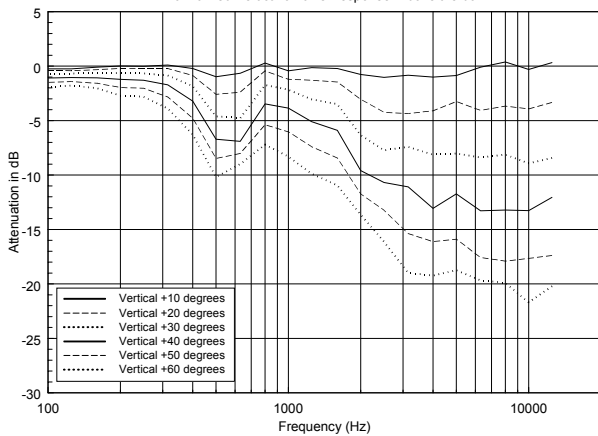
Directivity Index and Q



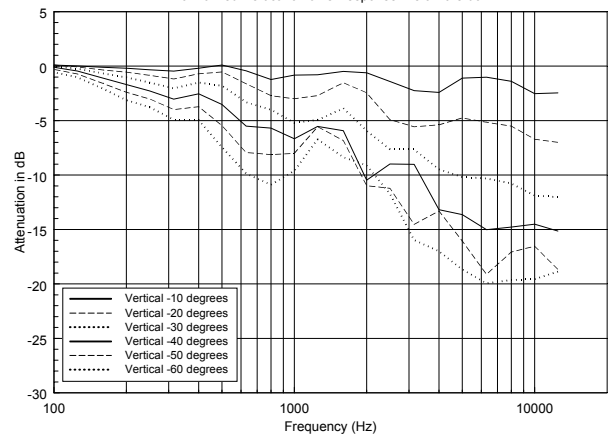
Normalized Horizontal off-axis Response



Normalized Vertical off-axis Response. Above the box

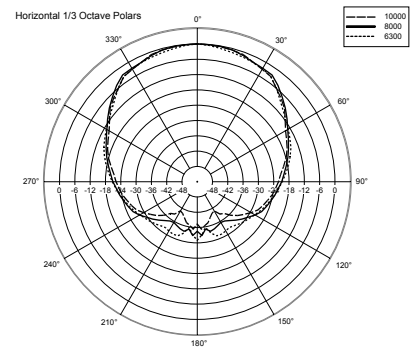
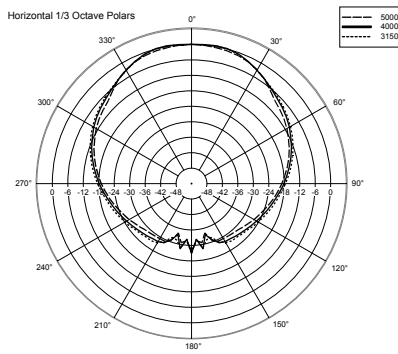
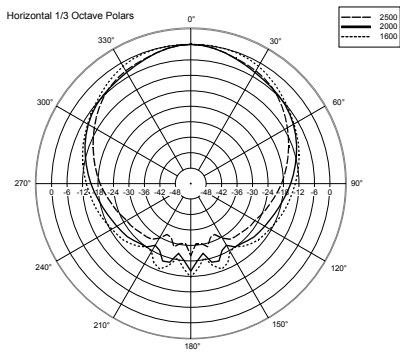
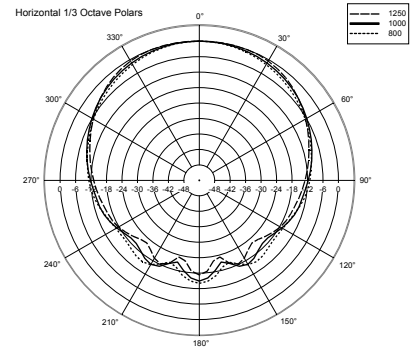
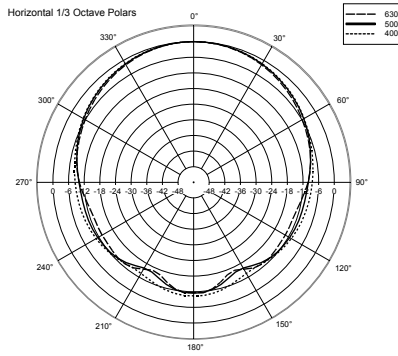
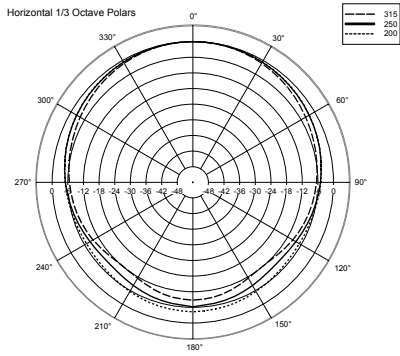


Normalized Vertical off-axis Response. Below the box

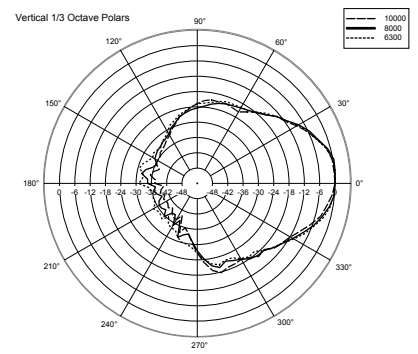
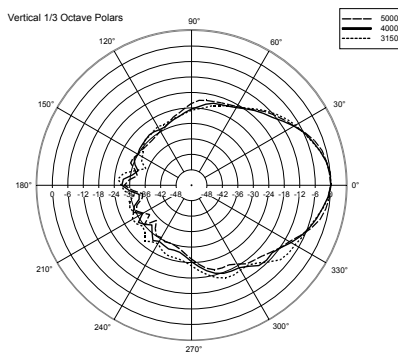
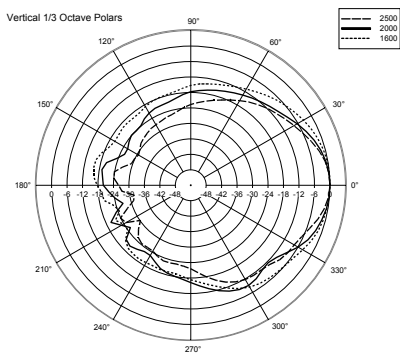
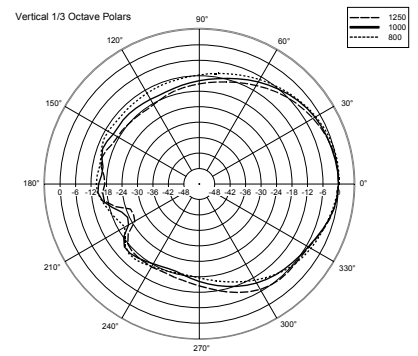
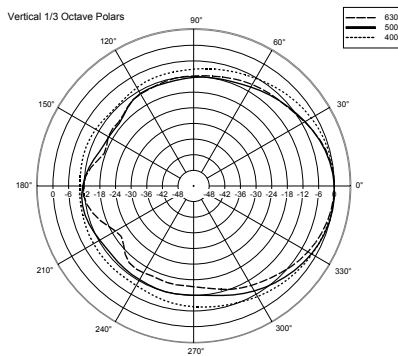
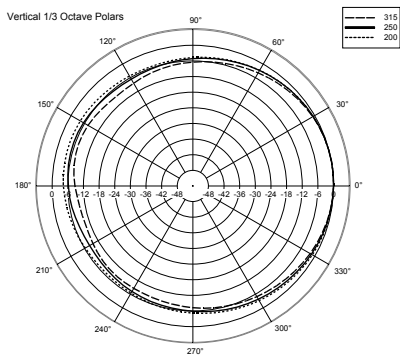


# TT5-A

## HORIZONTAL 1/3 POLAR PLOT



## VERTICAL 1/3 POLAR PLOT



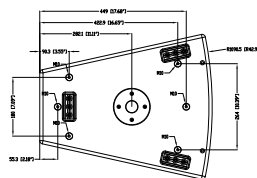
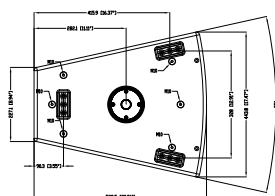
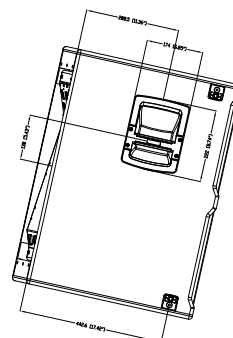
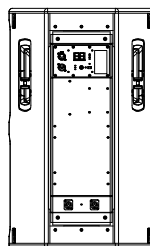
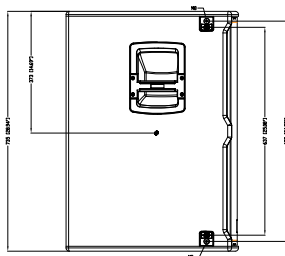
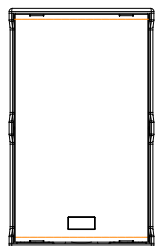
# TT5-A

## PART NUMBER

13000379 - 230VOLT

13000383 - 115 VOLT

## DIMENSIONS (All data are in mm)



## ACCESSORIES

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