

TTS56-A

ACTIVE HIGH POWER SUBWOOFER



MAIN APPLICATIONS

- Touring sound reinforcement for large-sized venues
- Large club extended bass
- Stadiums, arenas, concert halls

DESCRIPTION

The TTS56-a is a high power, high output active subwoofer system that sets a new standard in the touring sound reinforcement. The new 21" neodymium design represent the result of many years dedicated in pioneering new solutions for the transducers technology. The integration of the 6800 Watt , 2 channel digital amplification and the advanced digital processing set a new standard for distortion, noise and thermal efficiency. The TTS56-A amplifier section features 2 x 3400 Watt highly advanced digital amplifier modules. The power amplifiers and the input board are housed on a heavy duty aluminum paned suspended from the main cabinet with flexible mounts to obtain the best insulation from vibrations of the electronic parts.

Each module features Power Factor Correction (PFC), Separated power supply and amplification, High efficiency, very low consumption, two "on board" ventilation fans and comprehensive, smart protection features: thermal, over-current, non audio signals.

The TTS56-A is equipped with a dedicated RDnet networking board. It is possible to monitor all the system parameters, form the input to the status of each amplifier, to address to single cabinets or groups of cabinets specific presets or modifications of parameters like gain, equalisation or delay. It's possible to create subwoofer cardioid systems using groups of three modules.

The TTS56-A cabinet is built in Baltic birch plywood and protected with heavy-duty coating. The internal structure is braced and reinforced and all the parts are assembled on metal inserts with metric screws. The front grille is powder coated a features and special foam backing very transparent to the sound.

MAIN FEATURES

- 2 x 3400 Watt digital amplifiers
- 2 x high power neodymium 21" woofers
- 96 KHz, 32 bit DSP processing
- Remote monitoring and control
- Time delay alignment
- Cardioid preset for groups
- Tour grade cabinet
- Maximum output per size on market

ACOUSTICAL SPECIFICATIONS

Frequency response:	30 Hz- 100 Hz
Max SPL:	145 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofers:	2x21" neo, 4.5" voice coil

INPUT SECTION

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

PROCESSOR SECTION

Crossover frequencies:	60 Hz/80 Hz
Protections:	thermal, excursions, rms
Sensitivity control:	-
Limiter:	soft limiter
High pass:	-
Controls:	DSP controlled

AMPLIFIER

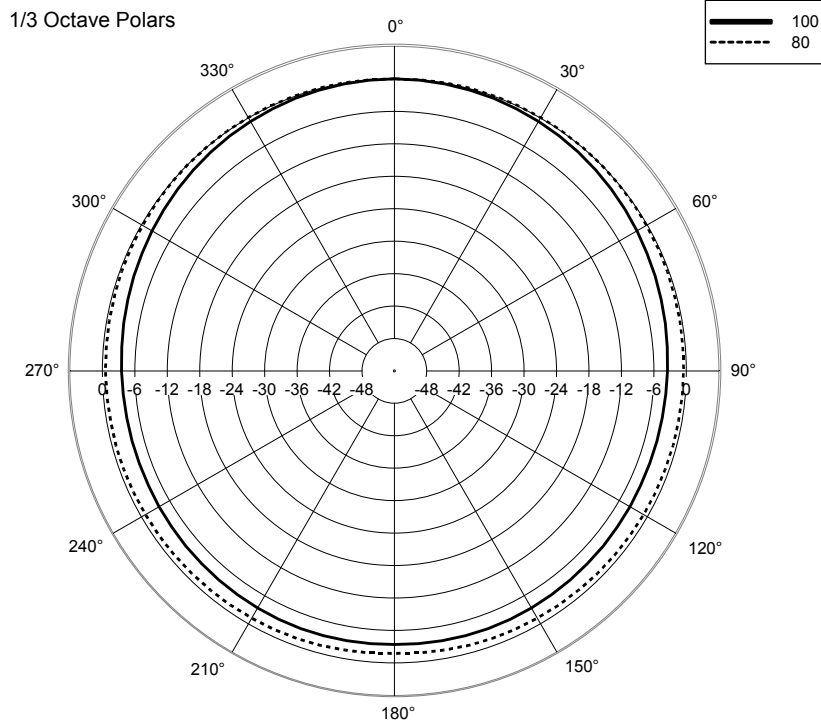
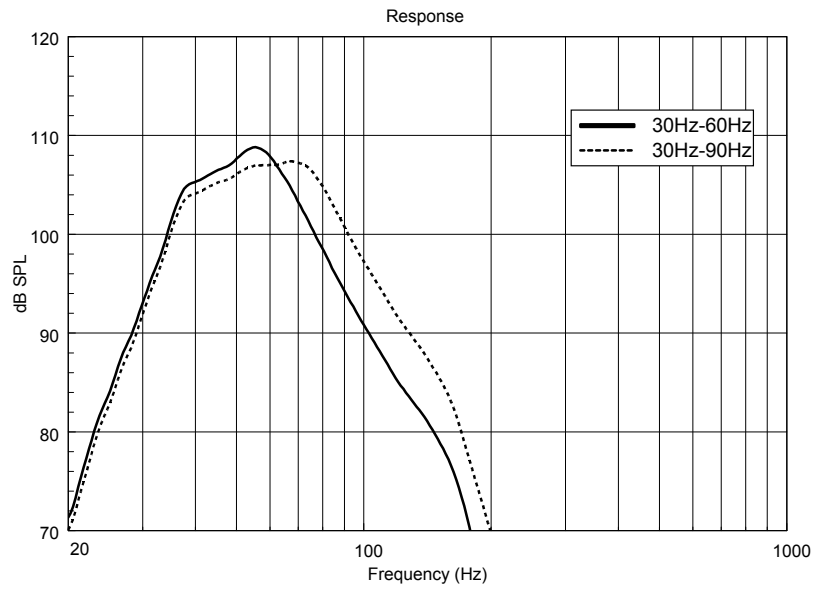
Power supply:	switching 6800 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	D / 2 x 3400 Watt
Cooling:	convection/forced
Connection:	powercon

PHYSICAL

Height:	550 mm (21.65")
Width:	1100 mm (43.30")
Depth:	950 mm (37.40")
Weight:	90 kg (198.4 lbs)
Cabinet:	baltic birch plywood
Hardware:	array fly-ware
Handles:	6 side
Pole mount cap:	-
Colour:	Black



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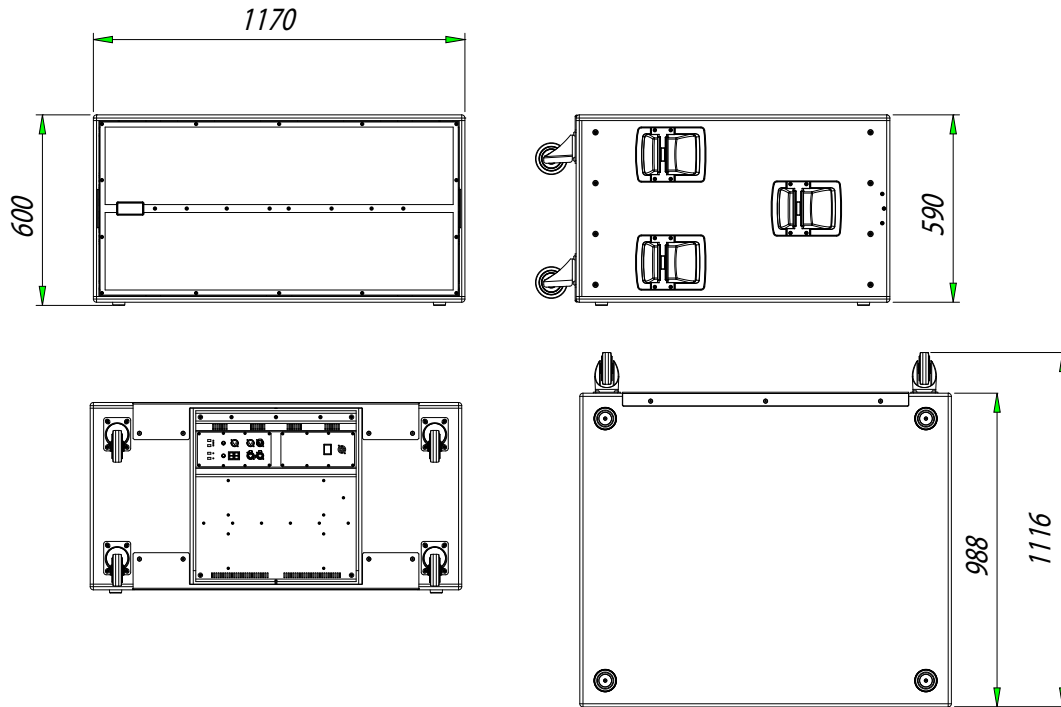
TTS56-A

1.0-F-M

PART NUMBERS

13000190 - 230/115VOLT

DIMENSIONS (All data are in mm)



ACCESSORIES

COVER TTS56	Best used in conjunction with TTL56-A front wood cover.
FRONT WOOD COVER TTS56	To be used to protect the speaker grill during transportation. Compatible under the TTS56-A cover.
AC POWER BOX 6XTTL55	AC Stage Box to connect 1 x 19 pin LKS female connector.
AC POWER CABLE 6X TTL55	AC Cable to power up to 6 TTL55-A or TTS56-A amplifiers.
AC SLED56	TTS56-A sub's hard nylon side reinforcements to facilitate ground transportation.