

TTS36-A

HIGH POWER SUBWOOFER



MAIN APPLICATIONS

- Touring sound reinforcement for large-sized venues
- Large-scale event reinforcement
- Stadiums, arenas, large events and concerts

MAIN FEATURES

- 4000 watt (2 x 2000 Watt digital amplifiers)
- 2 x 18" high power neodymium woofers, 4.5" v. c.
- 96 KHz, 32 bit DSP processing
- Remote monitoring and control
- Time delay alignment
- Bass reflex design, Cardioid preset for groups
- Tour grade cabinet
- Maximum output per size on market

ACOUSTICAL SPECIFICATIONS

Frequency response:	35 Hz- 120 KHz
Max SPL:	143 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofers:	2x18" neo, 4.5" voice coil

INPUT SECTION

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

PROCESSOR SECTION

Crossover frequencies:	35 Hz/120 Hz
Protections:	thermal, excurs., rms
Sensitivity control:	-
Limiter:	soft limiter
High pass:	-
Controls:	DSP controlled

DESCRIPTION

The TTS36-A is a high power, high output active subwoofer system that sets a new standard in the touring sound reinforcement. The new 18" neodymium design represent the result of many years dedicated in pioneering new solutions

for the transducers technology. The low-frequency transducers are RCF Precision high-power 18" woofers with a 4,5" inside/outside voice coil to minimize power compression and extend the life of the product.

The TTS36-A amplifier section features 2 x 2000 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 input section provides: In/Out XLR connectors, Crossover Out XLR connector, System sensitivity control, crossover set-up (90 Hz - 120 Hz), High pass set-up (35 Hz - 50 Hz), 4 status LEDs, RDnet Ethercon In/Out connectors. The TTS36-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 TTS36-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.

AMPLIFIER

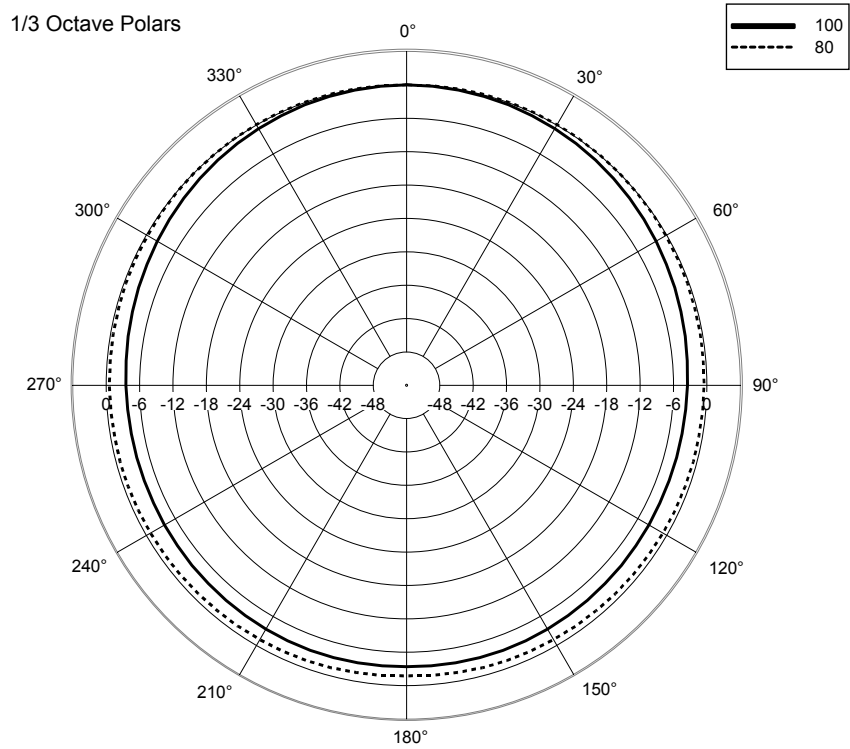
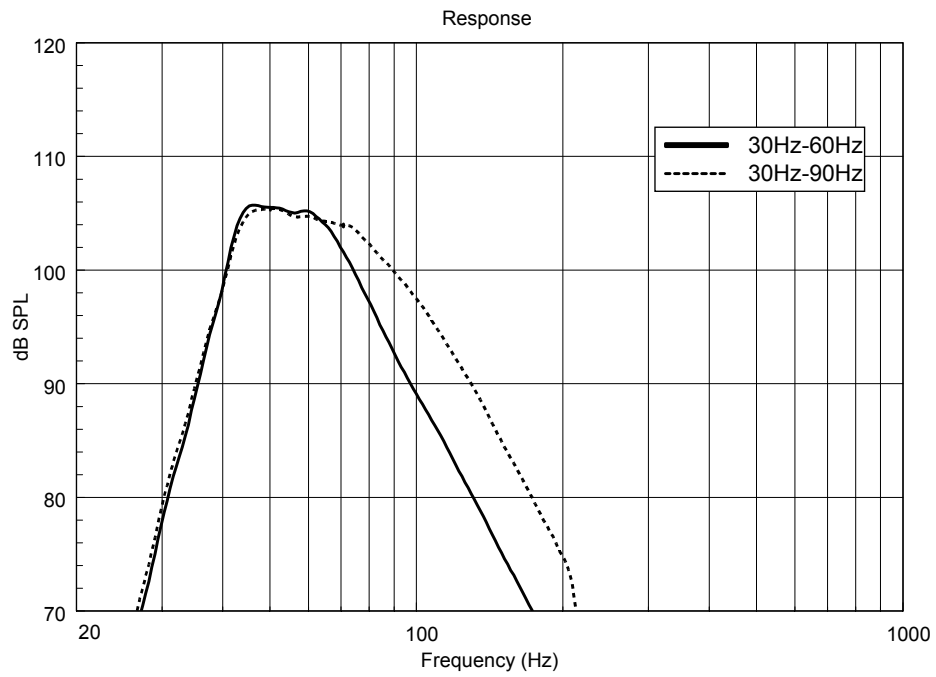
Power supply:	switching 4000 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	D / 2 x 2000 Watt
Cooling:	convection/forced
Connection:	powercon

PHYSICAL

Height:	525 mm (20.60")
Width:	1170 mm (46.00")
Depth:	850 mm (33.40")
Weight:	95 kg (209.40 lbs)
Cabinet:	baltic birch plywood
Hardware:	4 wheels, Steel bars x fork-lift
Handles:	6 side
Pole mount cap	-
Colour:	Black



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1.0-F-M

PART NUMBERS

13000272 - 230VOLT

DIMENSIONS (All data are in mm)

