

# TTL36-AS

## HIGH POWER SUBWOOFER



### MAIN APPLICATIONS

- Touring sound reinforcement for large-sized venues
- High quality reinforcement of music and speech
- Stadiums, arenas, concert halls

### MAIN FEATURES

- 4000 Watt (2 x 2000 W digital switching amplifiers)
- 2 x 18" high power neodymium woofer, 4.5" v. c.
- 96 KHz, 32 bit DSP processing
- Remote monitoring and control
- Time delay alignment
- Cardioid preset for stacking groups of 3
- Tour grade Baltic birch cabinet, integrated rigging.
- Maximum output per size

### DESCRIPTION

The TTL36-AS is the ideal flyable bass complement for the TTL55-A array system. The clam-shell design guarantees the maximum output per size while the 2 x 4.5" voice coil vented 18" woofer design offers the minimum of power compression. The TTL36-AS is perfect to create flown systems for theatrical and indoor requirements.

For very large outdoor systems is the perfect complement to reinforce the TTL55-A bass performance in combination to the ultra powerful TTS56-A subwoofers.

New top quality drivers provide the highest output and best sonic performance possible for a given form factor. 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 TTS36-AS is equipped with a dedicated RDnet networking board. It is possible to monitor all the system parameters, from 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.

Taking advantage of the dsp power available on every cabinet it is possible, through RDNet, to apply variable delays to single cabinets and create virtual tilting and curvature of TTL36-AS subwoofers clusters.

The integrated mechanics provide perfect compatibility with the TTL55-A line array module. The TTL36-AS subwoofer can be rigged on top of the TTL55-A using the same fly-bar or on the side of the TTL55-A cluster on a separate fly-bar.

The TTL36-AS 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

### ACOUSTICAL SPECIFICATIONS

Frequency response:	35 Hz- 120 KHz
Max SPL:	142 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	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:	-
Limiters:	soft limiter
High pass:	-
Controls:	DSP controlled

### AMPLIFIER

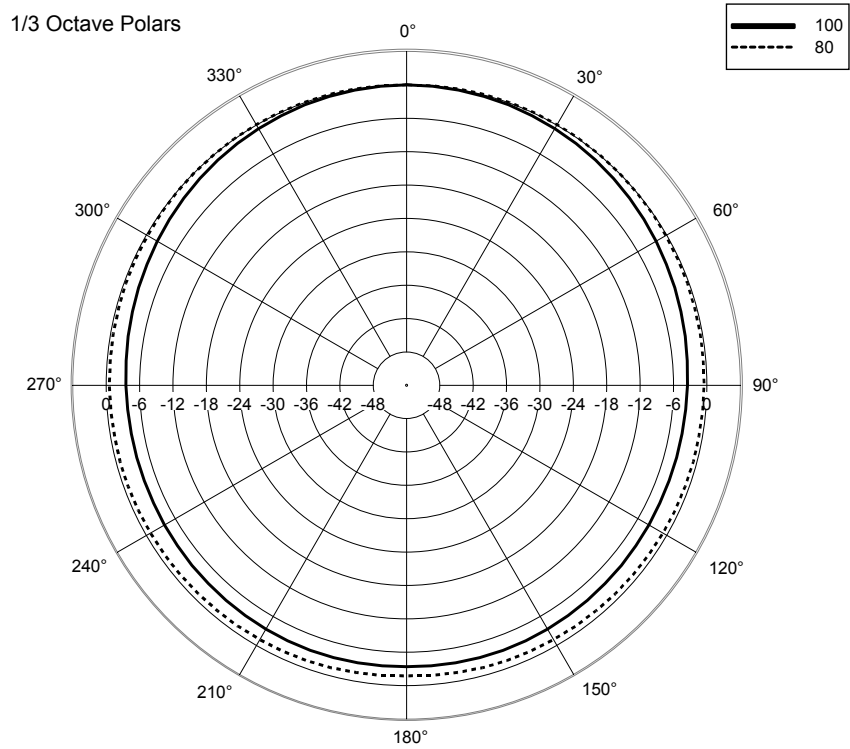
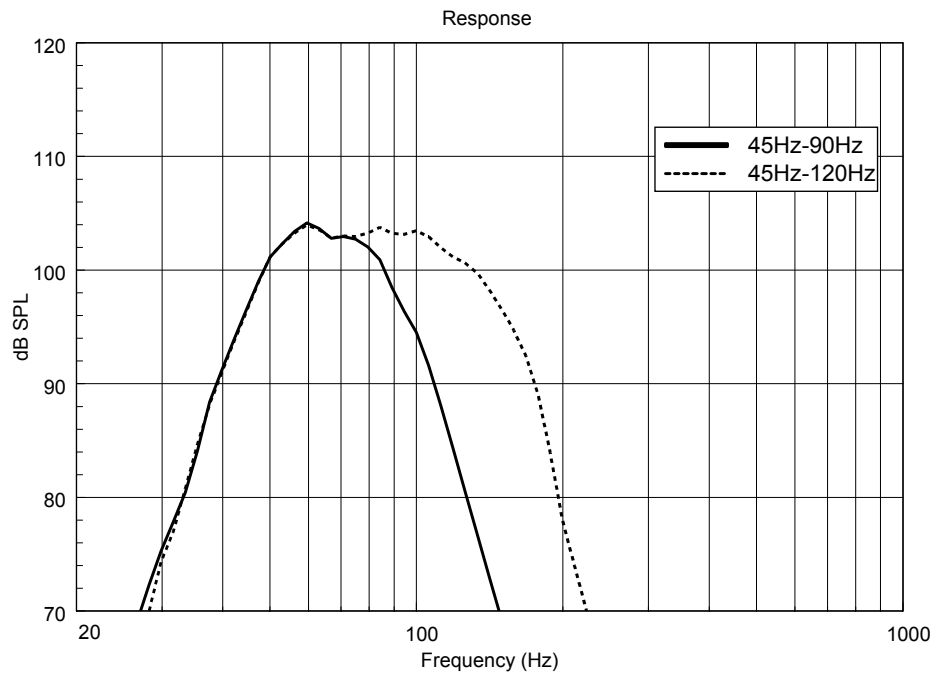
Power supply:	switching 4000 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	D / 2 x 2000 Watt
Cooling:	convection/forced
Connection:	powercon

### PHYSICAL

Height:	536 mm (21.10")
Width:	1022 mm (40.23")
Depth:	970 mm (38.18")
Weight:	120 kg (264.55 lbs)
Cabinet:	baltic birch plywood
Hardware:	6 x fly track, pole mount
Handles:	6 side
Pole mount cap	-
Colour:	Black



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## PART NUMBERS

13000271 - 230VOLT

## DIMENSIONS (All data are in mm)

