TTS18

PASSIVE HIGH POWER SUBWOOFER

DESCRIPTION

The TTS18 is a high performance sub-bass system designed for use with small to medium sound reinforcement systems, in both touring and install applications. It features a 1000 watt 18" drive unit with magnet structure and suspension engineered for maximum linear excursion. The low-frequency transducer is an RCF Precision high-power 18" woofer with a 4" inside/outside voice coil to minimize power compression and extend the life of the product. This new woofer design is the result of the latest refinements in RCF experiences in compact active and passive subwoofer design, resulting in a fast and controlled reproduction of the bass frequency range.
Top quality cone drivers provide the highest output and best sonic performance possible for a given form factor. TTS18 is direct radiating, with optimally tuned, vented enclosure. TTS18 is the choice where the best sonic performance, highest reliability, and most robust physical construction are required
The Baltic birch plywood enclosure is painted with black, heavy duty, textured epoxy and is fitted with six handles. It features large area porting to reduce air noise. The front is protected from a strong powder coated metal grille.
An optional top hat fitting allows mid-top cabinets to be mounted on the sub using an adjustable pole.

MAIN APPLICATIONS

- Touring sound reinforcement for small and mid-sized venues
- Portable and installed audio-visual systems
- Theatres and night clubs
- Stage monitor side fill reinforcement

MAIN FEATURES

- Very compact size
- Maximum output per size available on market
- Minimum weight
- Wide, constant directivity, horizontal coverage angle
- High power full neodymium 18" transducer
- Baltic birch cabinet

ACOUSTICAL SPECIFICATIONS

Frequency response:	30 Hz ÷ 110 Hz
Max SPL:	100 dB
Sensitivity 1W/1m:	100 dB
Coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	18" neo, 4" voice coil
Power handling:	2000W

INPUT SECTION

Input signal (Impedance):	8 Ω
Input connector:	Speakon NL4
Output signal connector:	Speakon NL4

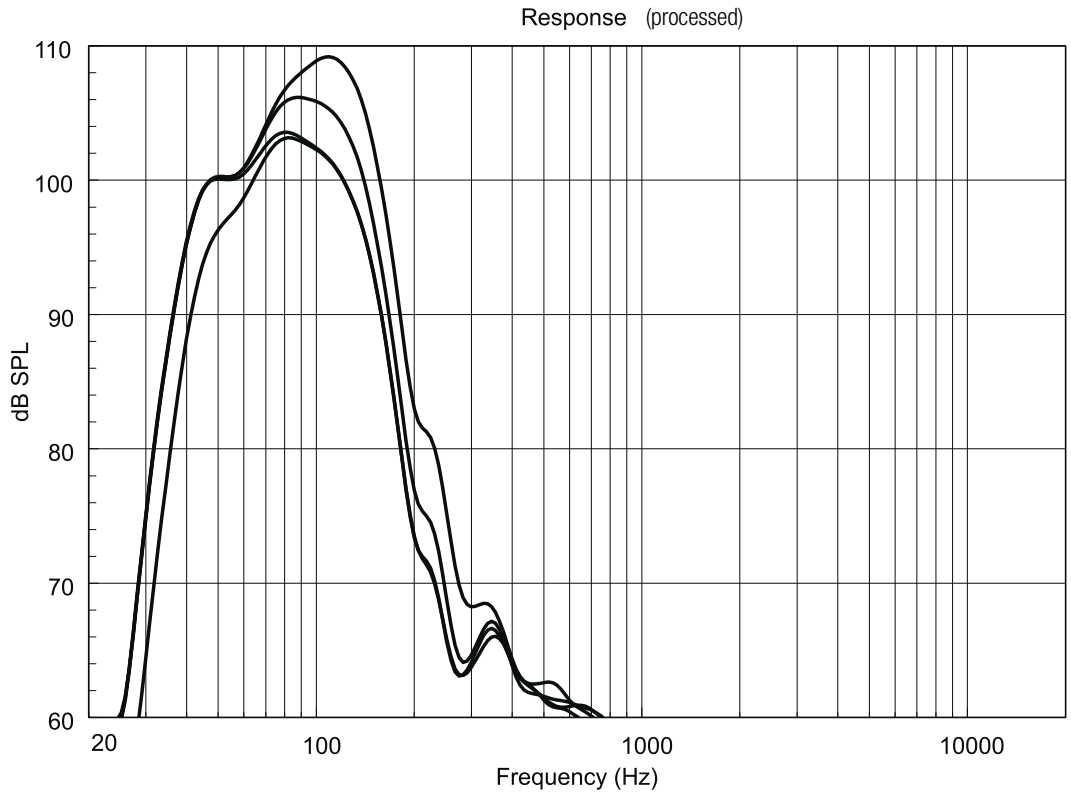
PROCESSOR SECTION

Crossover frequencies:	-
Protections:	-

PHYSICAL

Cabinet:	Baltic birch
Dimensions (HxWxD):	520 700x 860mm (20.47"x 27.55"x 33.85")
Weight:	52 kg (116.84 lbs)
Hardware:	Fittings ready
Handles:	6 on side
Pole Mount / Cap:	ready
Colour:	Black

TTS18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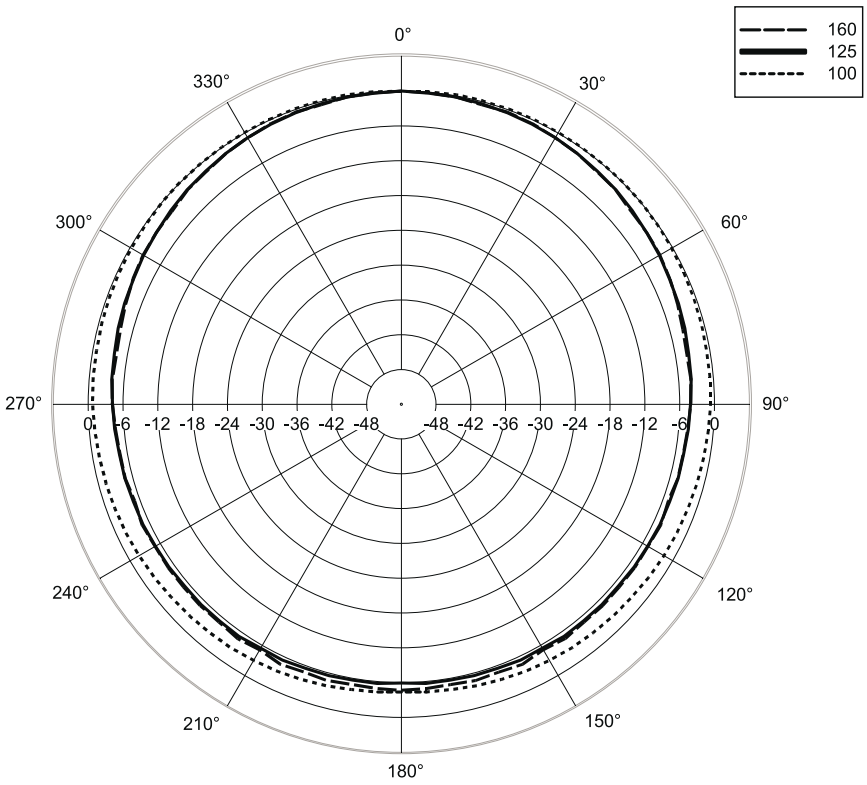
90
80
70
60
dB SPL
20
100
1000
10000
Frequency (Hz)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125
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0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°
0 -6 -12 -18 -24 -30 -36 -42 -48
-48 -42 -36 -30 -24 -18 -12 -6 0

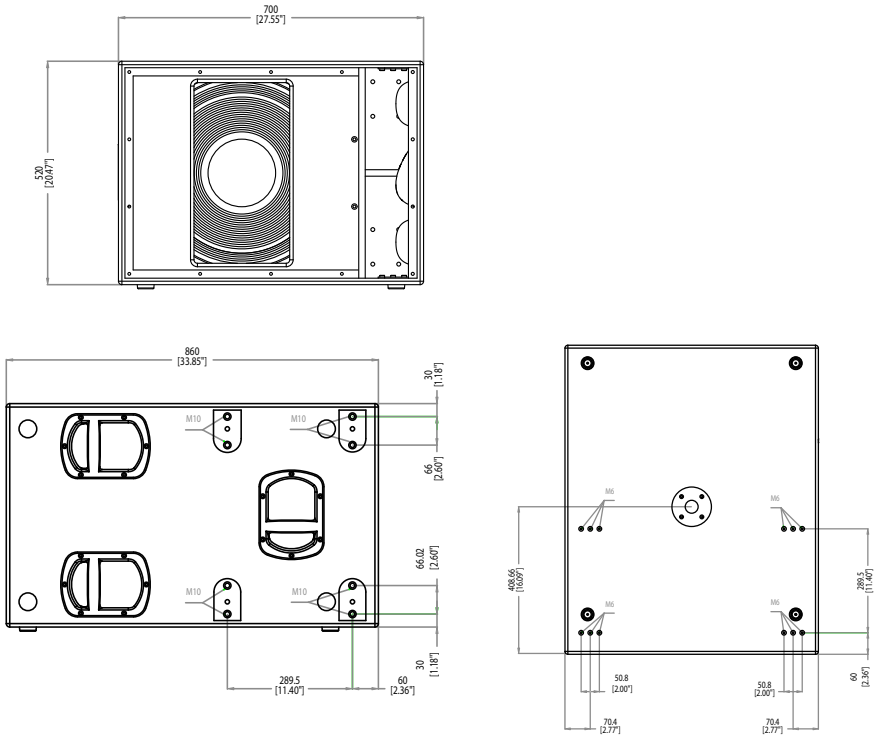
TTS18

1.0-J-N

PART NUMBERS

13000136

DIMENSIONS (All data are in mm)



ACCESSORIES

COVER TTS18	Protection cover for TTS18 and TTS18-A.
AC PMA	Speaker pole mount.
AC PRO-PM	Steel pole mount accessory for a satellite loudspeaker on a subwoofer. Both ends of the pole mount are fitted with an expanding mandrel system for a tight and vibration-free fit for the base and satellite speakers.
AC TT PMA	Pole mount cap for TTS18, TTS18-A, TTS28 and TTS28-A subwoofer.
AC M20-PLATE	Threaded plate for M20 pole mount.
AC PM M20	M20 pole mount for TT22, TT22-A, TT25 and TT25-A speakers.
AC NL4F 4X	Kit of 4 male speakon connectors 4 poles.

RCF products are continually improved. All specifications are therefore subject to change without notice.