

PRODUCT SPECIFICATION

T18



T18 is the compact subwoofer offering in the Trinity range, the industry's first series of robotically controlled line source systems. This high-output, low-profile enclosure offers outstanding low-frequency performance with peak SPLs of 140.4 dB and an operating range of 25-100 Hz.

Sharing many internal components with PK Sound's flagship T218 subwoofer, T18 features a front-loaded, long-excursion 18" transducer in a bass reflex design for clean and punchy output. A large, unrestricted vent enables high SPL performance with minimal port distortion. A single field-replaceable module located on the rear of the cabinet contains the 2,700 W Class D amplifier, control electronics, and power supply.

Onboard DSP and AVB end points simplify set-up and calibration while optimizing acoustic performance, routed through the world's first implementation of Neutrik's DR Series of IP65-rated connectors for maximum stability.

Network-based Auto-Array via PK .dynamics software allows each T18 to recognize its position within the system for improved accuracy and simplifies advanced deployments including cardioid configurations and arc delays.

Integrated rigging hardware allows for up to 16 T18 modules to be flown in a column, or securely ground-stacked. An M20 pole mount thread is also located atop the unit. A low-profile design allows T18 to fit under any stage and efficiently pack for global transport, making it an ideal solution for both mobile and installed applications.

Output Capability

Frequency Response.....25 Hz-100 Hz
Maximum SPL.....140.4 dB

Acoustic Properties

Crossover.....70 & 100 Hz

Transducers

Low-Frequency.....1 x 18" Bass Reflex

Amplification

Amplifier.....VE40 Class D
Amplifier Power.....2,700 W
Operating Voltage.....Auto-Switching 100-240 V, 50/60 Hz
Power Consumption.....600 W
Network.....AES70/Proprietary

Input/Output Connections

Input Selection.....Analog/AES – IP65
Audio/Network.....Balanced XLR/etherCON – IP65
Power.....powerCON TRUE1 – IP65

Physical Properties

Weight.....70.2 kg/154.7 lb.
(W x H x D).....755 x 507 x 780 mm
29.7 x 20 x 30.7 in
Max Flown.....10 Modules
Environmental.....IP42 (front), IP43 (rear)
Module Construction.....Void-Free, High-Grade Baltic Birch
Rigging Construction.....6061-T6 Aluminum
Rigging Attachment.....4 x Pin Links, M20 Pole Mount
External Coating.....EXL Polyurea
Grill.....Powder Coated Aluminum
Local Control.....2.4 in. TFT Touch Screen

