

PRODUCT SPECIFICATION

Tx26



Tx26 is an intelligent, compact multipurpose point-source loudspeaker with onboard DSP, power, and networking. Configured and controlled via PK .dynamics software, the Tx Series complements PK Sound's Trinity Range of robotic line source systems to offer a complete solution for a myriad of mobile and installed applications.

In addition to peak SPLs reaching 133 dB, Tx26 features controlled 100° conical directivity with a frequency response spanning 55 Hz-18 kHz.

A pair of vented 6" Tetracoil transducers with custom phase plugs manage low-frequency response while a 1" HT polymer diaphragm compression driver with HLX technology handles high frequencies. A two-channel VE15 1,400 W Class D amplifier maximizes headroom while maintaining crystal clear audio and exceptional output. A combination of FIR and IIR filters is applied to ensure smooth frequency response throughout the listening area.

Onboard DSP and AVB network end points are routed through the world's first implementation of Neutrik's DR Series of IP65-rated connectors for maximum stability and seamless operation via PK .dynamics. The recessed amplifier cavity ensures that both signal and power connections are protected during operation.

The design and profile of the Tx26 offer flexibility for weight-critical applications. Each module can be pole mounted or flown with a variety of rigging accessories via onboard M10 rigging points, making it suitable for both portable and installed applications.

Tx26's rugged, premium-grade Baltic birch enclosure is finished with an impact-resistant, four-grade Polyurea coating.

Output Capability

Frequency Response.....55 Hz-18 kHz (±10 Hz)
Peak SPL.....133 dB

Acoustic Properties

Directivity.....100° Conical

Transducers

Low-Frequency.....2 x 6" Neodymium Tetracoil
High-Frequency.....1 x 1" HT Polymer Diaphragm
Compression Driver

Amplification

Amplifier.....VE15 2-Channel Class D
Amplifier Power.....1,400 W
Operating Voltage.....Auto-Switching 100-240 V, 50/60 Hz
Power Consumption.....220 W
Network.....Proprietary/AVB Ready

Input/Output Connections

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

Physical Properties

Weight.....11.8 kg/25 lb.
(W x H x D).....503 x 194 x 303 mm
19.8 x 7.6 x 11.9 in.
Environmental.....IP42 (front), IP43 (rear)
Module Construction.....Premium-Grade Baltic Birch
Rigging Construction.....6061-T6 Aluminum
Rigging Attachment.....4 x M10
External Coating.....EXL Polyurea
Grill.....Powder Coated Steel
Local Control.....2.4 in. TFT Touch Screen
Gain, Delay, Mute, Preset Selection

