

THmini15

Compact Tapped Horn Subwoofer



The THMini15 is a variation of the popular THMini. Unlike the original THMini, it utilizes (1) x 15" long excursion LF driver. The Danley Tapped Horn Subwoofer™ is a patented design that allows us to build physically small subs which are very efficient, especially at the low end of their range, and are virtually linear in their passband.

The Tapped Horn™ design takes full advantage of the driver element by doubling its output ability. This results in more output from less input, and the TH series produces very deep bass from generally very small boxes. The enclosure is constructed from 13 ply Baltic Birch, which is encased in PolyUrea for protection from impact and atmospheric conditions. Install and touring versions are both equipped with multiple M10 rig points.

Performance Specifications

Operating Mode

Passive single channel amplified

Operating Range

50 Hz - 310 Hz -3dB

42 Hz - 349 Hz - 10dB

Coverage Pattern

Omni-directional

Transducers

1x15"

Power Handling

1000 W Cont. | 4000 W Peak

Sensitivity

measured as 28.3V @10m distance
105 dB

Maximum SPL (continuous | peak)

132 dB | 138 dB

M Noise

Coming soon

Impedance

1x4 Ohm

Recommended Power Amplifier

1x ≈1000 - 2000 Watts @ 4 Ohm

Physical Specifications

Connections (THmini15-T | THmini15-I)

(2) Neutrik NL4 Speakon wired in Parallel

Pin 1+/- | 4 Ohm Single Channel

Pin 2+/- | Pass Through

Connections (THmini15-I-EW | THmini15-I-AT)

1x 2 Conductor 14 Gauge Lead-in Wire

Mounting / Suspension Points

M10 -1.5

Dimensions / Weight

30 x 18 x 24 in. | 762 x457 x 609 mm.

100 Lbs | 67 Kg

Finish

Black polyurea enclosure w/ matte black grille

White polyurea enclosure w/ matte white grille

Grey UV resistant painted enclosure w/ matte grey grille

Enclosure Material

18mm Baltic Birch, polyurea coated

Options

THmini15-I	Install Version
THmini15-I-EW	Install Version, Extreme Weather
THmini15-T	Touring Version
THmini15-T-K	Touring Version w/ 3 Pole Cups
COVER-TH15TK	Foam and Nylon Protective Cover

Rev. 20230331

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ARCHITECT/ENGINEERS SPECS

The subwoofer shall utilize the Tapped Horn patented cabinet design. The coverage pattern shall be omni directional. The loudspeaker shall have an operating range of +/- 3 dB 50 Hz – 310 Hz, +/- 10 dB 42 Hz – 340 Hz. Sensitivity of 105 dB SPL (measured at 10M @ 28.3V input). Output of 135 dB SPL Program/138 dB SPL Peak. Power handling shall be 1000 Watts continuous 2000 Watts program. The loudspeaker shall be constructed of Baltic Birch. The Subwoofer shall be the Danley Sound Labs THMini15

Sensitivity

