

# TH118XL

## Tapped Horn Subwoofer



The TH118XL is a variation of the famous TH118. It features the same 18" long excursion LF driver but in a longer Tapped Horn™ alignment. The Danley Tapped Horn Subwoofer™ is a patented design which 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. Combine that attribute with the high power handling of the driver and you have one of the most powerful subwoofers on the market.

In many cases a single TH118XL will take the place of 2 standard 2x18" front loaded cabinets. The overall cost and physical size is reduced, along with less amplifiers needed to achieve a particular loudness. The interlocking skirts on top and bottom allow it to be stacked for even greater output. The skirts line up with the SH96/96HO and DBH218 for a very stable stack.

The 13 ply Baltic Birch used throughout the enclosure is encased in PolyUrea for protection from impact and atmospheric conditions. Install and touring versions are both equipped with multiple M10 rig points. Our EW (Extreme Weather) variant offers the ultimate in protection from the elements due to the use of high-density polyurethane panels impregnated with fiberglass fibers in the place of standard plywood.

Utilize our DNA amplifiers or processor for maximum performance and protection with industry leading DSP capabilities.

### Performance Specifications

#### Operating Mode

Single channel amplified

#### Operating Range

35 Hz - 270 Hz -3dB

26 Hz - 300 Hz - 10dB

#### Coverage Pattern

Omni-directional

#### Transducers

1x18"

#### Power Handling

1700 W Cont. | 6800 W Peak

Sensitivity measured as 2.83V @1m distance

105 dB

#### Maximum SPL (continuous | peak)

134 dB | 140 dB      141 dB | 147 dB @124 Hz

#### M Noise

Coming soon

#### Impedance

1x4 Ohm

#### Recommended Power Amplifier

1x ≈3400 Watts @ 4 Ohm

### Physical Specifications

#### Connections (TH118XL-T | TH118XL-I)

(2) Neutrik NL4 Speakon wired in Parallel

Pin 1+/- | 4 Ohm Single Channel

Pin 2+/- | Pass Through

#### Connections (TH118XL-I-EW | TH118XL-I-AT)

1x 2 Conductor 14 Gauge Lead-in Wire

#### Mounting / Suspension Points

M10 -1.5

#### Dimensions / Weight

45 x 28.5 x 22.5 in. | 1143 x 734 x 572 mm.

185 Lbs | 84 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

TH118XL-I      Install Version

TH118XL-I-EW      Install Version, Extreme Weather

TH118XL-T      Touring Version

TH118XL-T-K      Touring Version w/ 3 Pole Cups

TH118XL-T-K-M20      Touring Version w/ 3 M20 Pole Mounts

COVER-TH18XLTK      Foam and Nylon Protective Cover

Rev. 202209231216

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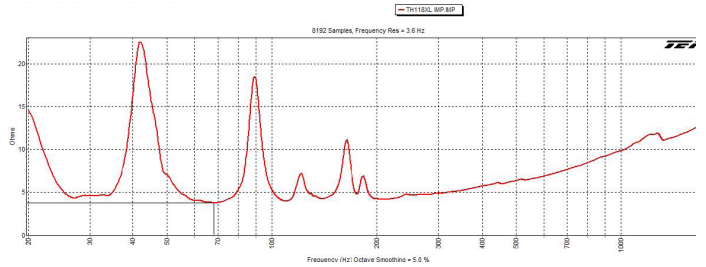
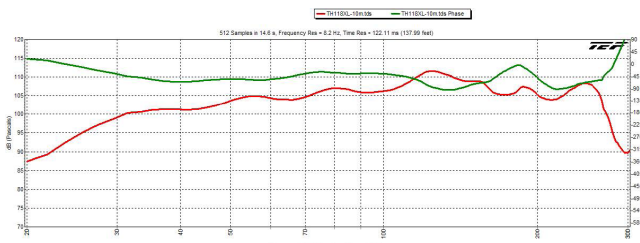
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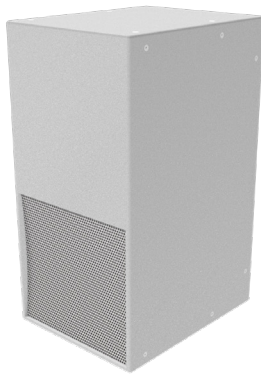
### ARCHITECT/ENGINEERS SPECS

The subwoofer shall utilize the patented tapped horn enclosure. The coverage pattern shall be omnidirectional. The subwoofer shall have an operating range of 26Hz -300Hz -10dB. Sensitivity of 105 dB SPL (measured at 2.83V referenced to 1m by 28.3V @10m distance). Output of 134 dB SPL Program/140 dB SPL Peak. Power handling shall be 1700 Watts cont. or 6800 Watts peak. The subwoofer shall be constructed of 13 ply, 18mm Baltic Birch, polyurea coated. The subwoofer shall be the Danley Sound Labs TH118XL.

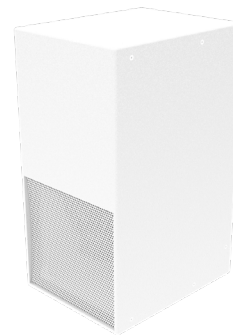
### Sensitivity



TH118XL-I-G-EW



TH118XL-I-W



TH118XL-T-B-K



TH118XL-T-C-K



Custom Color

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