

OS15CX

2 Way Outdoor Loudspeaker



The OS15CX is Danley's answer for those who are looking for a high-performance speaker in an outdoor enclosure that is impervious to weather. Featuring a 15"/1.3" coaxial driver the loudspeaker is designed for shorter throw applications from a compact full range Synergy Horn™. Utilizing a Synergy crossover network allows for proper phase alignment between frequency bands. This permits the physically separated bands to combine and emerge from the horn as a single source, greatly reducing off axis distortions in frequency response and allowing for greater clarity at long distances. A Sentinel™ protection circuit offers an added level of protection to the high frequency driver. The OS15CX includes a heavy-duty aluminum mounting bracket and angle strap.

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

Performance Specifications

Operating Mode

Two-way single channel amplified

Operating Range

64Hz - 18KHz -3dB
47Hz - 20KHz -10dB

Coverage Pattern

60° x 40°

Transducers

Low 1x15", High 1x1.3"

Power Handling

500 W Cont. | 2000 W Peak

Sensitivity

measured as 2.83V @1m distance

97 dB

Maximum SPL

(continuous | peak)

124 dB | 130 dB

M Noise

coming soon

Impedance

8 Ohm

Recommended Power Amplifier

500 - 1000 Watts @ 8 Ohm

Physical Specifications

Connections (OS15CX-NL)

(2) Neutrik NL4 Speakon wired in Parallel

Pin 1+/- | Full Range

Pin 2+/- | Pass Through

Connections (OS15CX)

1x 2 Conductor 14 Gauge Lead-in Wire

Mounting / Suspension Points

U-bracket included - 3x 3/8 - 16 TPI Studs

Pole Mount Kit Available

Dimensions / Weight

32.25 x 26 x 14.5 in. | 820 x 660 x 368 mm.

66 lbs | 30 Kg

Finish

Matte Gray - Aluminium Bracket & Grill

Matte Black - Black Powder Coated Bracket & Grill

Enclosure Material

Thermal Molded Poly-composite

Options

OS15CX-G Gray Install Version

OS15CX-B Black Install Version

OS15CX-G-NL Gray Install Version W/ NL4 Inputs

OS15CX-B-NL Black Install Version W/ NL4 Inputs

Accessories

BRKT-PMK1 Pole Mount Kit for 1 OS Speaker

BRKT-PMK2 Pole Mount Kit for 2 OS Speakers

BRKT-PMK1-HD Heavy Duty Pole Mount Kit for 1 OS Speaker, 1 THmini15

BRKT-PMK2-HD Heavy Duty Pole Mount Kit for 2 OS Speaker, 1 THmini15

BRKT-SAK Safety Anchor Kit

Rev. 20230613

OS15CX

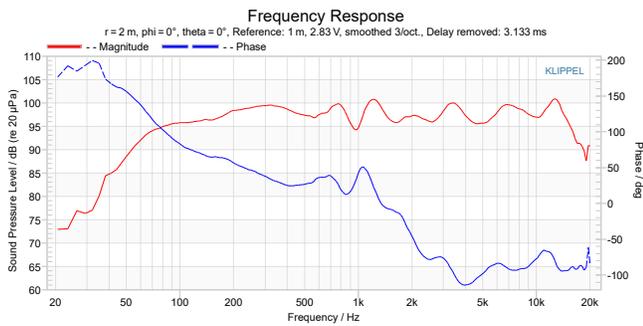
2 Way Outdoor Loudspeaker



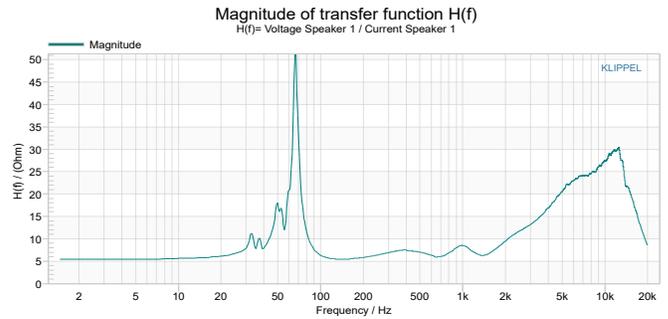
ARCHITECT/ENGINEERS SPECS

The loudspeaker shall utilize the Synergy patented crossover network. The coverage pattern shall be 60° x 40°. The loudspeaker shall have an operating range of 64Hz -18kHz -3dB. Sensitivity of 97 dB SPL (measured at 1M @ 2.83V input). Output of 124 dB SPL Continuous/130 dB SPL Peak. Power handling shall be 500 Watts cont. and 2000 Watts peak. The loudspeaker shall be constructed of Thermal molded Poly-composite. The Loudspeaker shall be the Danley Sound Labs OS15CX.

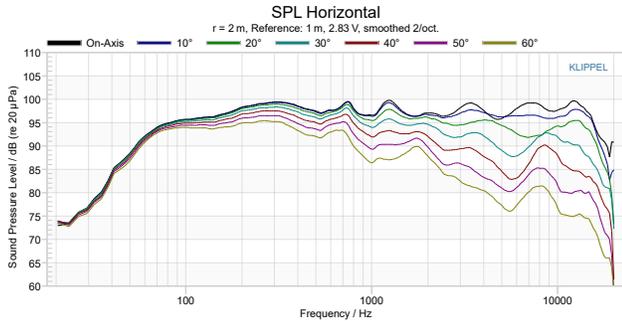
Sensitivity



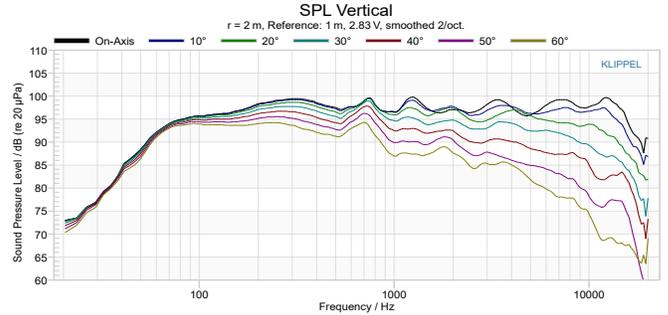
Impedance



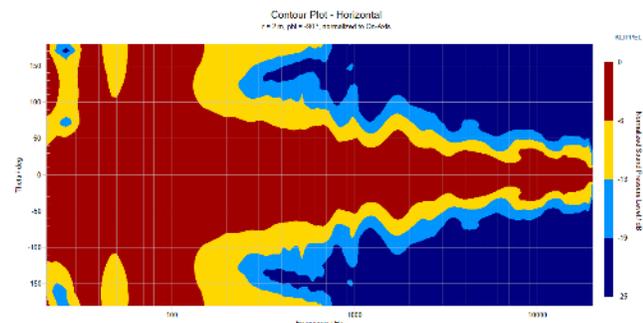
Horizontal Response



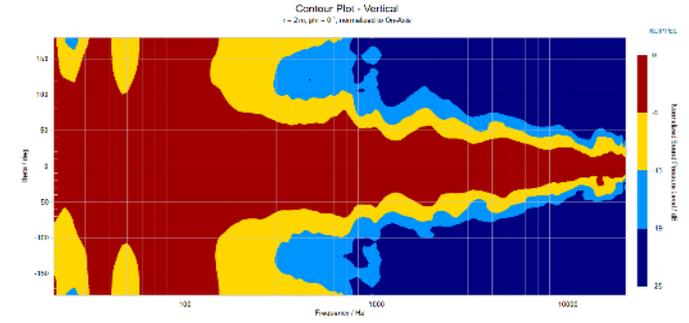
Vertical Response



Horizontal Directivity Contour



Vertical Directivity Contour



Rev. 20230613