

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
90° Conical
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
Maximum Linear SPL 1M AES75
Z Peak: 137.1 dB SPL A Slow: 120.1 dB SPL C Slow: 123.5 dB SPL
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. 20240730

OS15CX

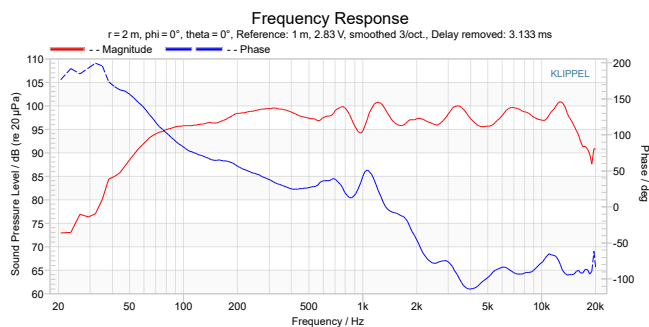
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S O U N D L A B S

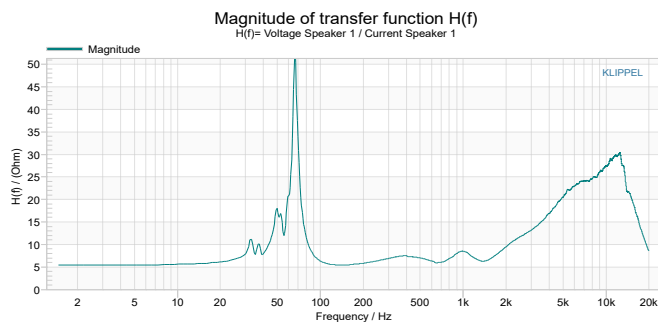
ARCHITECT/ENGINEERS SPECS

The loudspeaker shall utilize the Synergy patented crossover network. The coverage pattern shall be 90° conical. 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.

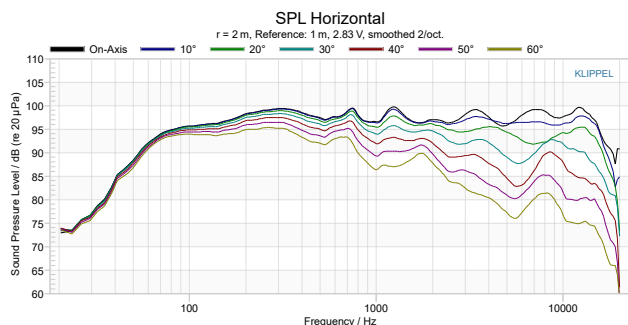
Sensitivity



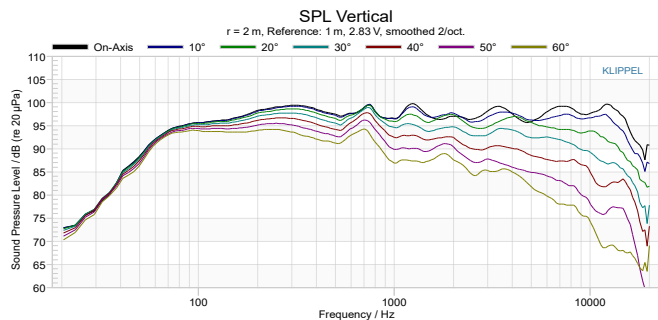
Impedance



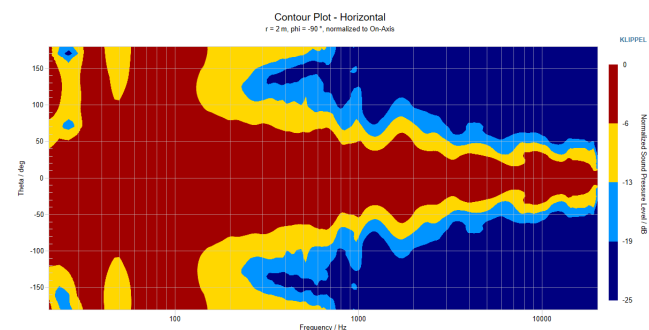
Horizontal Response



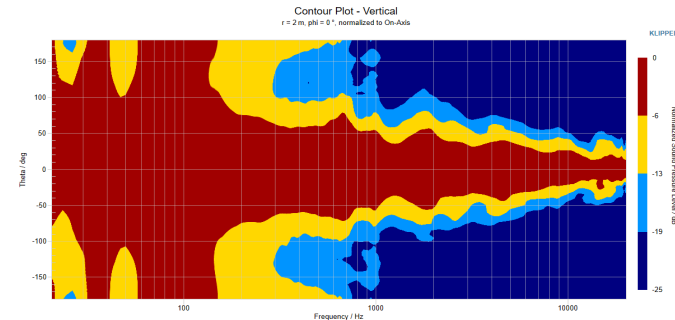
Vertical Response



Horizontal Directivity Contour



Vertical Directivity Contour



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