

# Cluster S15 IP

Installation line  
array subwoofer

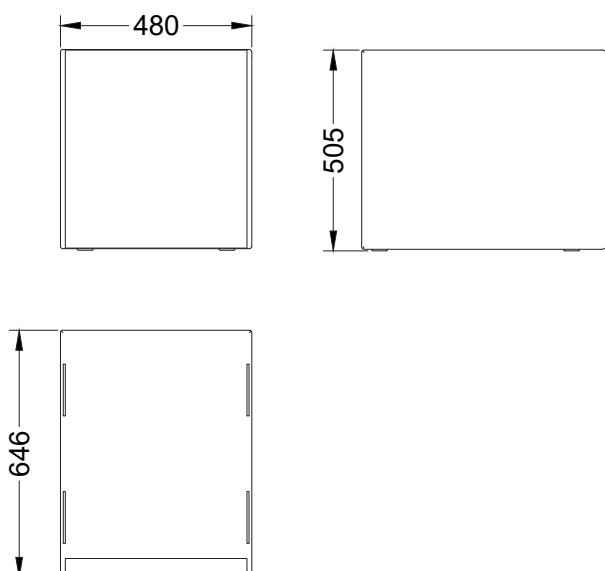


Covering the demand for high-pressure systems for night-clubs, concert halls, and sports arenas, Cluster series introduces the power of arrayable speakers into the realm of fixed installations. Inheriting the best features of reliability, sound performance, and ease of control from touring and mobile sound, Cluster series is augmented with convenient mounting hardware solution for quick setups and perfect fit into the architectural designs.

Cluster S15 is a unique installation subwoofer compatible with Q, Q4 and Q8 full-range modules. Featuring long-excursion 15" woofer, integrated mounting hardware with decorative covers and IP54 weather protected enclosure for outdoor use, Cluster S15 IP can be used with Cluster Q IP, Q4 IP and Q8 IP to create a permanent outdoor sound system for demanding high-profile projects.



## DIMENSIONS



## SPECIFICATIONS

Frequency response (-10dB)	37 - 300 Hz
Max SPL <sup>1</sup>	136 dB
Sensitivity (1W/1m)	97 dB
LF Driver	15", 4" VC
Impedance	8 Ohm
Nominal power <sup>2</sup>	1000 W
Connectors	2 x Neutrik Speakon
Dimensions (W x H x D)	480 x 505 x 646 mm / 18,90" x 19,88" x 25,43"
Net weight	38 kg / 83,78 lbs
Shipping weight	41 kg / 90,39 lbs
Mounting	Integrated rigging hardware
Weather resistance	IP54
Enclosure materials	Plywood, wear resistant paint
Speaker protection	Steel grill, acoustically transparent backing

<sup>1</sup> - pink noise, filtered according to AES 2 - 2012, crest factor 9 dB

<sup>2</sup> - based on transducer power measured according to AES 2 - 2012

## CONNECTIONS

Use Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in input signal.

Do not exceed input power ratings mentioned in specifications while exploiting the speaker system.

Speaker system comes with two Neutrik® Speakon heavy duty sockets for easy connection.

Signal +	1 +
Signal -	1 -
High pass filter:	
Freq, no less than	32 Hz
Order, no less than	18 dB/oct
Recommended amplifier power	1000 - 2000 W on nominal impedance

## SAFETY INSTRUCTIONS

1. Do not pour liquids on speaker system - this may cause driver cone destruction and unappealing speaker appearance. Do not allow direct sunlight on speaker cone in order to prevent premature failure. Do not install speaker system near open flames or heating elements.
2. Do not use speaker system with damaged speakON or speaker cable so as not to cause electric shock hazard or fire hazard.
3. Make sure speaker system is firmly set up on the floor, stage, or wall (where applicable).
4. While setting speaker system up onto an angled or slippery surface, make the necessary arrangements to avoid vibration-induced movement.
5. Speaker system is capable of delivering significant sound pressure levels. To avoid permanent or temporary hearing damage, prolonged exposure to sound pressure levels exceeding 90 dB should be limited.