SUB 12 IP

Weather-resistant
Passive subwoofer

SUBWOOFER SERIES

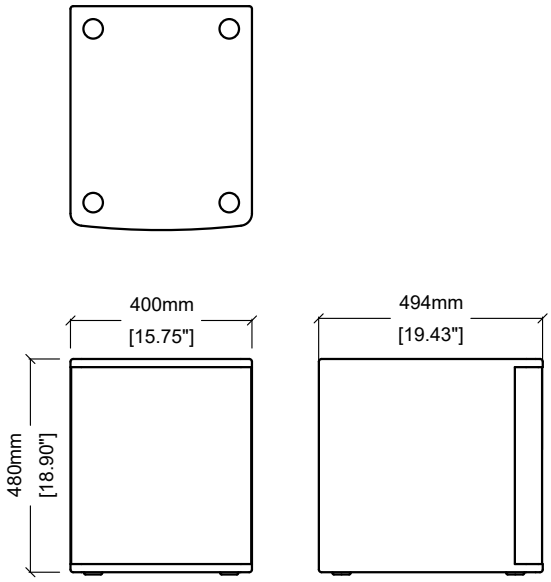
DATASHEET

The Subwoofer line provides an ultimate low-frequency extension for demanding outdoor projects with IP54-rated models. These subwoofers are designed for demanding weather conditions and deliver powerful and punchy bass without compromising durability. Whether an outdoor venue, sports arena, outdoor cafe lounge, or any permanent installation, these subwoofers are built to withstand elements while offering superior sound quality.

Sub 12 IP is a passive weather-protected subwoofer based on highly effective 12" driver. The system serves as a great tool for different outdoor applications where a serious low-end support is needed, with SPL peaking at 133,5 dB and 450 W of nominal power.

Sub 12 IP is ready for outdoor use thanks to the IP54 weather-protection rating. The rugged enclosure is made from premium materials that protect the internal components, guaranteeing longevity and dependability. It is engineered to resist dust, splashes, and even light rain, making it ideal for both indoor and outdoor use.

DIMENSIONS



SPECIFICATIONS

Frequency Response (-10dB)	45 - 300 Hz
Peak SPL [1]	133,5 dB
Sensitivity (1W/1m)	95 dB
LF Driver	12", 3" VC
Impedance	4 / 8 Ohm
Nominal power [2]	450 W
Connectors	Phoenix / gland nut cover plate
Dimensions (W × H × D)	400 x 480 x 494 mm
Weather protection	IP54
Weight (Net/Shipping)	29 kg / 32 kg
Mounting	M20 distance pole adapter
Enclosure material	Plywood, wear-resistant paint
Speaker protection	Steel grill, acoustically transparent backing

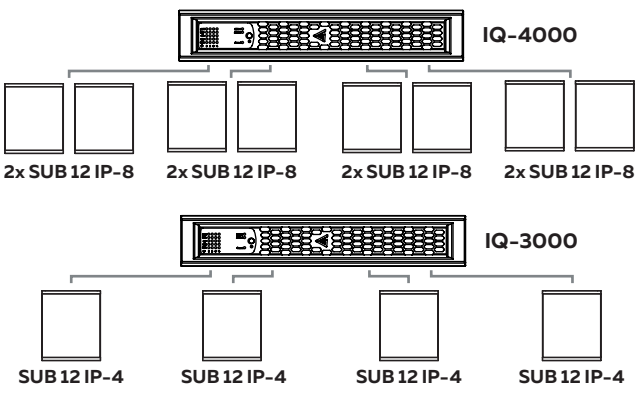
[1] - pink noise, filtered according to AES 2 - 2012, crest factor 12 dB
[2] - based on transducer power measured according to AES 2 - 2012

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	40 Hz
Order, no less than	18 dB/oct
Recommended amplifier power	450 - 900 W on nominal impedance

AMPLIFICATION



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.