

# Sub 12 IP

## Weather-resistant passive subwoofer

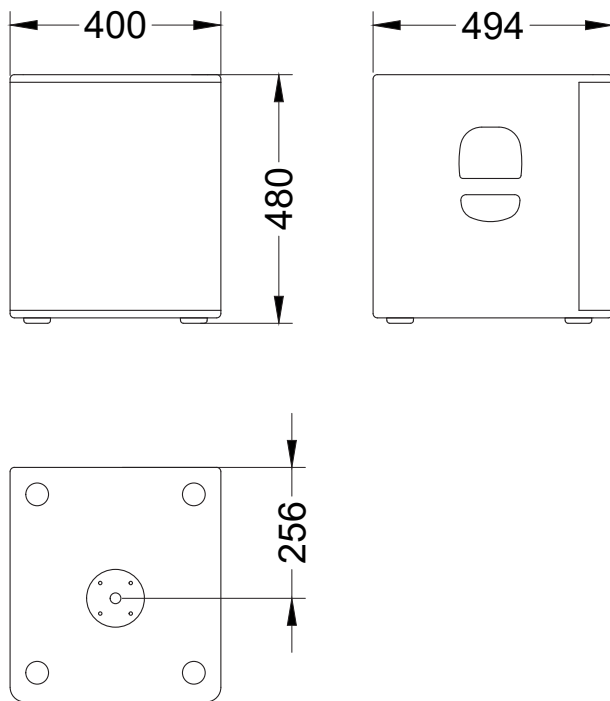
Subwoofer line serves as an ultimate low frequency reinforcement range that represents all-purpose solutions, capable of fitting into the specific demands of any and all innovative projects.

Passive and powered cabinets are ready for mobile applications, as well as permanent installations, concerts and touring.

With significant sound pressure output and compact enclosure, Sub 12 IP is a versatile low-frequency extension loudspeaker for reinforcing full-range cabinets. Based on own-produced long excursion 12" woofer, Sub 12 IP is perfect small-scaled outdoor installation due to its compact IP54 weather-protected enclosure and light weight.



### DIMENSIONS



### SPECIFICATIONS

Frequency Response (-10dB)	45 - 300 Hz
Max SPL <sup>1</sup>	130,5 dB
Sensitivity (1W/1m)	95 dB
LF Driver	12", 3" VC
Impedance	4 / 8 Ohm
Nominal power <sup>2</sup>	450 W
Connectors	Barrier strip / gland nut cover plate
Dimensions (W×H×D)	400x480x494 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

<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	40 Hz
Order, no less than	18 dB/oct
Recommended amplifier power	450 - 900 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.