



### Application

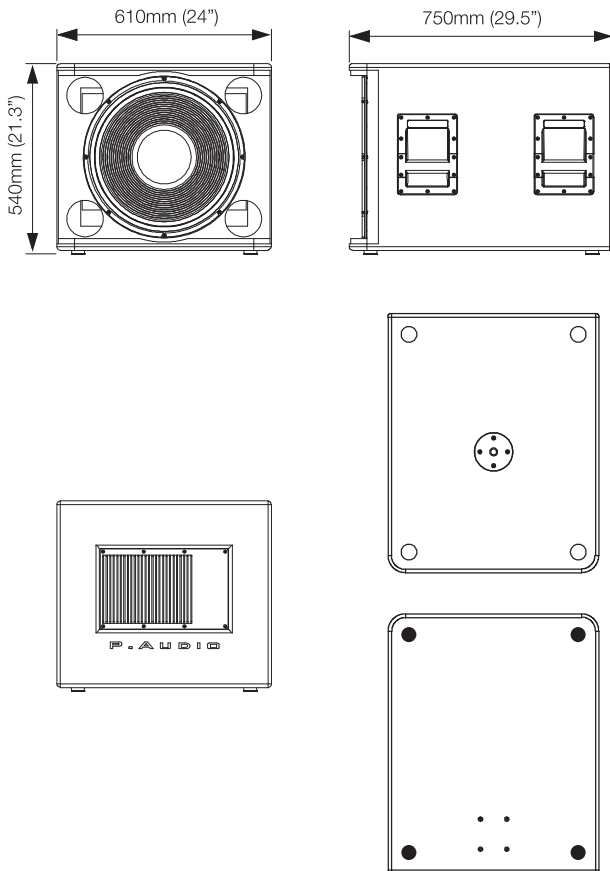
- High level Installed and Portable Sub Applications
- Compact Live Sound Reinforcement System

### Features

- 1200 Watts Class AB Amplification
- High Order (24dB/Oct) Precision Filtering
- High Pass Output (80Hz 4th Order)
- Polarity Control

The P.Audio X9 Sub is a high output professional active sub woofer designed to provide extended low frequency output at very high sound pressure levels. The X9 Sub is an excellent match for the X9 Sub enclosure but may be used with a variety of other sound reinforcement top/full range enclosures. The X9 Sub is powered by a high peak power linear amplifier that exhibits excellent dynamic power. The amplifier is rated at a full 1200 watts of peak power. The amplifier employs a fast peak limiter circuit to insure high dynamic range coupled with excellent system protection. The X9 Sub bandwidth is 40Hz to 80Hz and insures high impact low frequency performance that is ideal for live performance venues, pubs, night clubs and high impact music venues.

The X9 Sub also utilizes a Phase Control circuit that allows the user to adjust phase within a 0 degree to 180 degree range. This function is used when the top enclosure is not physically located directly above the X9 Sub and allows the entire system to achieve acoustic summing. The inputs are electronically balanced XLR. The X9 Sub also features an 80 Hz high pass filtered output for connection to full range active top enclosures. The enclosure design is a rugged plywood construction that features a very durable polyuria based coating. This coating system provides superior protection.



### General Specifications

Type	Active Subwoofer
Woofers Size	18"
Woofers Voice Coil	4"
HF Size	N/A
HF Voice Coil	N/A
Cabinet design	Plywood with PU
Handles	4
Pole Mount	1 x M20 Pole Mount
Weight	50 kg / 110.2 lbs
Dimensions (WxDxH)	610x750x540 mm / 24x29.5x21.3 in

### Acoustic Specifications

Sensitivity (1w/1m) (dB)	N/A
-3dB Response	40Hz - 80Hz
-10dB Response	35Hz - 90Hz
Power Handling (Watt)	N/A
Maximum Continuous SPL (dB)	127dB In Half Space Environment
Maximum Peak SPL (dB)	130dB In Half Space Environment
Dispersion (HxV)	Omnidirectional

### Electrical Specifications

Impedance	N/A
Input	Line XLR
Thru	Line XLR
Output (Available to User)	Hi Pass XLR Output
System Level Control	Rotating Knob
Other Control	Polarity Switch
Power Output	600w RMS (1200w Peak)
Amplifier Type	Class AB, Linear (Transformer) Supply
Protection	Over Current; Short circuit protection; Over Temp protection
Indicators	Power LED, Clip LED; Signal LED