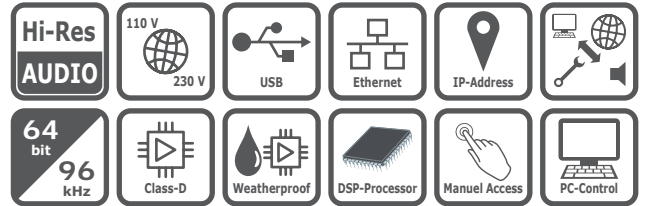


self powered:



The Paveosub-118 is a lightweight heavy-vented bass reflex subwoofer for universal applications for mobile applications, and in fixed installations.

Equipped with a top-notch 18" neodymium chassis it produces a high and undistorted bass level from the most compact dimensions. The low moving mass, with a powerful driver (B/L factor of 28), for rapid and accurate signal reproduction with excellent attack and decay, is sonically superior to many other 18" speaker designs.

The chassis has a large heavy duty 4" voice coil, a sophisticated ventilation system and a lower power compression than conventional bass drivers.

The power output is effectively used and the efficiency is maintained even under permanent full power use.

The substantial bass reflex ducts are located in four corners and the resulting chimney effect achieves good heat evaporation. The tunnel cross section equals to 500 cm², representing about 43% of the membrane surface, giving lower distortion and higher efficiency. Due to the large, open ports there is no air-flow noise. Any wobble effect is inhibited by the corner arrangement, as the air escapes from all sides creating a uniform back-pressure.

The case walls are reinforced by this kind of tunnel setup again. Additional internal bracing provides stability and prevents unwanted resonances. Rubber feet and stacking cavities guarantee safe standing without slipping.

In addition to the rear mounted connectors there are two Speakon connectors in the speaker grille. These are used if the bass is located in under stage modules, or for convenient cabling or wiring of the reverse bass in cardioid bass arrays. The sockets in the grille and the back connector are protected against moisture with weather-proof capping.

For cargo securing and lashing in stacks, two certified grommets are countersunk in to the side.

On top is an integrated M20 pole socket.

The Paveosub-118 can also be subsequently converted by the factory to the self-powered version with power amplifier module and the DSP board.



Lower cut-off frequency	33 Hz (- 10 dB) 39 Hz (- 3 dB)
Coverage range	Omnidirektional
Power handling 8 Ω	1.200 W AES / 2.400 W program / 4.800 W peak
Sound pressure	131 dB SPL AES / 134 dB SPL program / 137 dB SPL peak
Components	1 x 18" Neodym long excursion woofer (LF) with 4" voice coil
Connectors	4 x Neutrik NL4 Speakon IN/OUT, 2+/- LF 2 x Neutrik XLR IN/OUT (self-powered) 2 x Neutrik NL4 Speakon OUT, 1+/- HF, 2+/- LF (self-powered) 2 x Neutrik powerCON TRUE1 IN/OUT (self-powered) 1 x USB & Ethernet (self-powered)
Fittings	1 x M20 pole mount 2 x latches on the front for detachable wheelboard
Dimensions/Weight	540 (h) x 540 (w) x 740 mm (d) / 41 kg (self-powered: 45,8 kg)
Amplifier	3-channel 4 kW
Power output CH1 LF	2.400 W/4 Ω, 1.580 W/8 Ω, 800 W/16 Ω
Power output CH2 HF	800 W/4 Ω, 450 W/8 Ω, 200 W/16 Ω