

# K-LA118-DSP

K-LA118-DSP, an active DSP-controlled subwoofer, is designed to meet the high requirements of touring performance, rental and fixed installation.

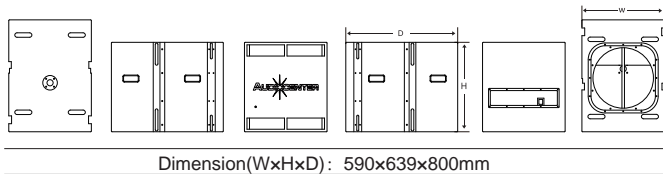
The LF driver of K-LA118-DSP is customized 18" driver (4" voice coil).

User Selectable 3 low-pass filters (80Hz, 100Hz, 120Hz) in K-LA118-DSP are available for the users to choose according to different environments and music styles.

K-LA118-DSP is a perfect match for all Audiocenter full range loudspeakers, extending band width of frequency response and delivering powerful, impressive, punchy bass sound.

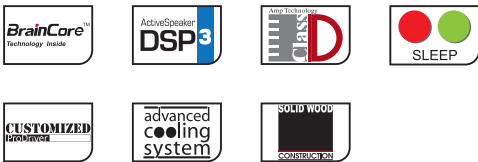
The K-LA118-DSP is with half formula double opening design and dual LF output. With 6th order band pass filter function, the cabinet design of K-LA118-DSP can decrease HF interference and improve LF performance. K-LA118-DSP is novel and innovative product with high technology.

K-LA118-DSP is combined in modularization, which is suitable for any performance venues. It can also be used together with other loudspeakers of other brands.



## FEATURES

- Hi end digital controller on board (DSP) with 96kHz signal sampling frequency
- Sleep mode automatically if without signal input for 15mins
- Class D amplifier
- Advanced cooling system in the driver
- CNC cabinet made of excellent wood
- Comprehensive accessories suitable for different applications



## SYSTEM CONFIGURATION

- K-LA28-DSP, K-LA28-MA/SP full range loudspeaker

## SPECIFICATION

Type	Active DSP-controlled subwoofer
Frequency Response(-10dB)	32Hz-150Hz
Maximum Calculated	131dB/137dB
SPL/1M(Continuous/Peak)	
LF Driver	Customized 1x18" driver, 4.0" voice coil
DSP	
Processor	96kHz signal sampling frequency
Presets	80Hz, 100Hz, 120Hz
AMPLIFIER	
Amplifier Circuitry	Class D
Power(RMS standards)	1600W
Peak Power	3200W
Frequency Response	20Hz-20kHz(±0.5dB)
(1W 8Ω 2ch)	
Intermodulation Distortion	< 0.05%
Total Harmonic Distortion	< 0.05%
Cooling	Cooling with fans
Protection	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, undervoltage protection
Signal Input	Female XLR
Signal Output	Male XLR
Power Input	Power connector
Power Output	Power connector
AC Power Operating Range	100V-130V~ or 220V-240V~(±10%,50/60Hz)
Power consumption	149W
(1/8 output power)	
CABINET	
Cabinet Material	Russian birch plywood CNC made
Cabinet Color	Black is the default color. Contact Audiocenter for customization
Grille	Iron mesh
Handles	4 side
Pole Mount	M20 base Φ35mm
Speaker Dimension(WxHxD)	590x639x800mm
Carton Dimensions (WxHxD)	724x906x675mm
Net Weight	63.0kg
Shipping Weight	69.0kg