

K-LA218-DSP

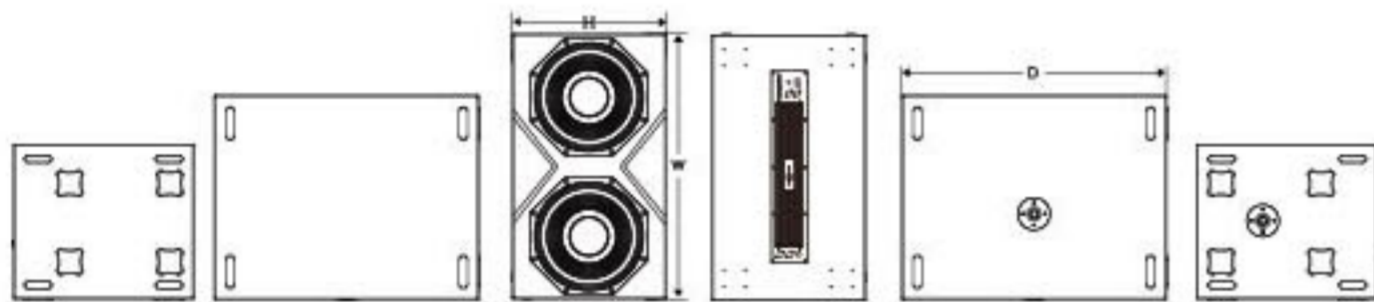
K-LA218-DSP, an active DSP-controlled Dual 18" subwoofer, is designed to meet the high requirements of touring performance, rental and fixed installation.

The LF drivers of K-LA218-DSP are two customized AUDIOCENTER 18" drivers (4" voice coil).

User Selectable 3 low-pass filters (80Hz, 100Hz, 120Hz) in K-LA218-DSP are available for the users to choose according to different environments and music styles.

K-LA218-DSP is a perfect match for all AUDIOCENTER full range speakers, extending band width of frequency response and delivering powerful, impressive, punchy bass sound.

K-LA218-DSP system is combined in modularization, which is suitable for any performance venues. It can also be used together with other speakers of other brands.



Dimension(W × H × D): 1080 × 595 × 760mm

FEATURES

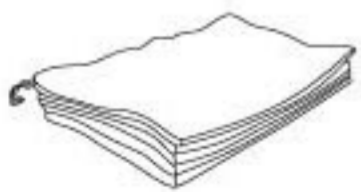
- Hi end digital controller on board(DSP) with 96KHz signal sampling frequency, 56bit precision
- Standby mode automatically if without signal input for 15mins
- Class D amplifier from PASCAL
- Advanced cooling system in the driver
- Rock solid humidity free birch plywood CNC made cabinet
- Touring grade emery spraying
- Comprehensive accessories suitable for different applications



SYSTEM CONFIGURATION

- K-LA-DSP, K-LA Series full range loudspeaker

ACCESSORIES



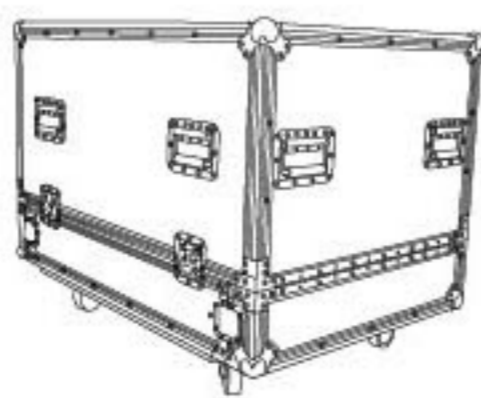
Rain bag(customized)



Wheel



Dolly
For 2 cabinets



Flightcase
For 1 cabinet,
with 100mm wheels



SPECIFICATION

Type	Active DSP-controlled Compact Subwoofer
Frequency Reponse (-6dB anechoic chamber)	32Hz-150Hz
Maximum Calculated SPL/1M	140dB
LF Driver	Customized AUDIOCENTER ferrite driver, 4" voice coil
AMPLIFIER	
Amplifier Circuitry	Class D
Power(RMS standards)	2800W
Frequency Response (1W 8Ω 2ch)	20Hz-6KHz(±0.5dB)
Intermodulation Distortion	< 0.05%
Total Harmonic Distortion	< 0.05%
Protection	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, under voltage protection
Cooling System	Cooling with fans
DSP	
Processor	96KHz signal sampling frequency, 56bit precision
Presets	80Hz, 100Hz, 120Hz
Crossover	Controlled by DSP
Output/Input	
Signal Input	1 × NEUTRIK® female XLR
Signal Output	1 × NEUTRIK® male XLR
Power Input	Powercon NAC3MPA
Working Voltage	85V-265V 50Hz (60Hz)
Cabinet	
Cabinet Material	Russian birch plywood CNC made
Cabinet Color	Black and white available, can be customized according to the RAL code
Dimension(W × H × D)	1080 × 595 × 760mm
Net Weight	101.0Kg