

BrainCore CU

Audio Black Box



BrainCore CU is an audio black box with flexible applications and easy configuration. Through the BrainCore™ technology, an innovative core technology independently developed by Audiocenter, based on the characteristics of different speakers and different application scenarios, scene presets that can meet a variety of application needs have been created. Users only need to call the corresponding presets according to the combination of speakers and application scenarios, and can quickly create an audio system without professional debugging, and get a more satisfactory sound effect.

Key Features

- With more than 20 years experiences of product development and system application, and repeated testing and debugging, these presets can meet a variety of application needs
- Users only need to import the system preset package through "CU Preset" to use
- Directly call the system preset package, you can get satisfactory sound effects without professional debugging
- 1 ~ 9 total 9 preset gears (0 default is BY PASS)
- BrainCore CU is with ultra compact 1U design and half 19" rack space enclosure. With customized rack adapter, it allows for single installation or side-by-side (two devices) in a 19" equipment rack.

Installation



Specifications

Input	two-way balanced, female XLR
Input Impedance	>10KΩ
Output	three-way balanced, male XLR
Output Impedance	<100Ω
Minimum load impedance	600Ω
Maximum input level	+15dBu
Frequency Response	±0.5dB,20Hz-20kHz
Dynamic Range	>105dB,20Hz-20kHz,A weighted
Distortion	<0.01%,@1kHz, 0dBu
Sampling frequency	96kHz
System delay	0.25ms (INPUT to OUTPUT @Fs=96kHz)
AC Power Operating Range	100-240V (±10%, 50/60Hz)
Power consumption	<10W
Dimension(WxHxD)	218x44x153mm
Net weight	1.0kg