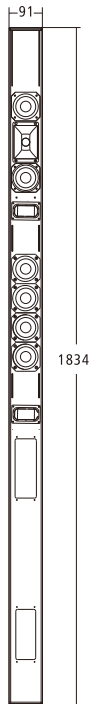


3-way active full range column loudspeaker

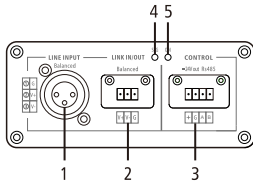
ACL-180



Features

- Aluminum alloy shell with compact structure composes an aesthetic appearance . 1834mm length, 91mm wide, convenient to install.
- Wide frequency response 65Hz-20kHz, you can enjoy full frequency music even though without an extra sub-woofer.
- 4x3" neodymium magnets LF cone drivers, 2x3" neodymium magnets MF cone drivers and 1x1" HF compress driver with horn, and exact coverage angle: Horz 90° , Vert 70° .
- Built-in 6ch 40w class-D amplifiers make it with a high dynamic headroom.
- Built-in 6ch DSP, so parametric equalization and electronic crossover can be regulated in each channel.
- Built-in three scene application modes: Music, Teaching and Speech, convenient for using in various situations.
- One Rs485 and one DC24V output, which can fit with volume control panel and other control device.
- Balanced XLR and 3P phoenix terminal audio input/output, 4P phoenix terminal control connector.
- Wall-mount installation brackets are supplied.

Connection and Installation



1. Balanced XLR line input;
2. Balanced input, phoenix terminal link in/out, It also can be used as line output;
3. 4P phoenix terminal control port, with Rs485 serial port and 24V power output (power supply for control panel)
4. Signal indicator
5. Power indicator

Mounting bracket



(included)



(optional)

Horizontal rotation and vertical tilt



Specification

MODEL	ACL-180
Frequency range	65 Hz-20 KHz
Frequency response	85 Hz-19 KHz
Maximum SPL(1m)	108 dB (Peak 111dB)
Horizontal coverage	90°
Vertical coverage	70°
Crossover	Electronic 3-way
Transducers	4 x LF 3-inch neodymium magnets cone drivers 2 x MF 3-inch neodymium magnets cone drivers 1 x 1-inch voice coil HF compress driver with horn
Amplifier output	40W (Rated@40hm) per channel, 6 channels
Amplifier type	Class D
Analog Audio	1 XLR input, 1x5.08-3P phoenix terminal input
Control port*	Rs485 and 24Vdc power, 4P phoenix terminal
AC mains	AC 200~253V, 1 IEC port
Power consumption	10W (idle), AC240V
Enclosure	Aluminum alloy case
Grill	power-coated perforated aluminum
Color	Black
Dimensions	1834x91x120 mm
Weight	6.9kg
Mounting bracket	included

*Serial control protocol

Baud Rate: 9600, Data bit/Parity bit/Stop bit : 8,0,1

Volume +: 43, 53, 54, 05, 80, 1a, 01, 01, aa

Volume -: 43, 53, 54, 05, 80, 1a, 01, 02, aa

Mute : 43, 53, 54, 05, 80, 1a, 01, 08, aa

Unmute : 43, 53, 54, 05, 80, 1a, 01, 09, aa