

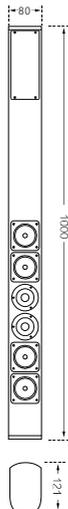
Modularity Active Full Range Loudspeaker

ACL-100

Features

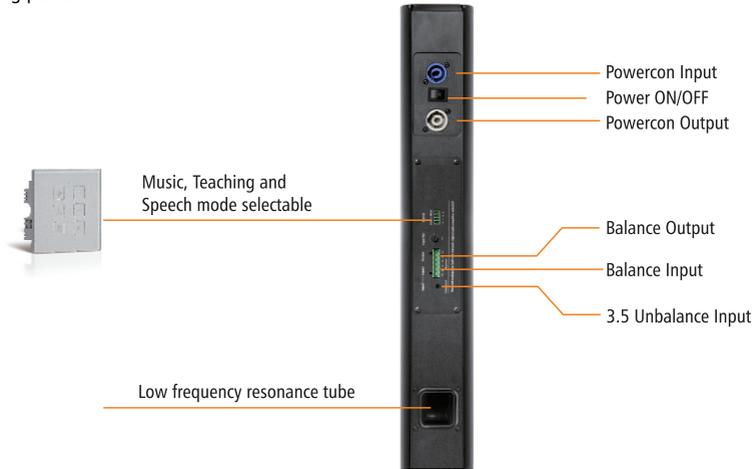
- Aluminum alloy shell with compact structure composes an aesthetic appearance. 1000mm length, 80mm wide, convenient to install.
- Wide frequency response 85Hz-18kHz, you can enjoy full frequency bands music even though without an extra subwoofer.
- Four 2.7 inch full range units and two 1 inch high pitch units in dumbbell type installation, make flat frequency response and accurate coverage angle.
- Coverage angle: Horz 120°, Vert 60°
- Built-in 6x40W class-D amplifier makes wide dynamic range.
- Built-in DSP, parametric equalization and electronic crossover can be regulated in each channel.
- Built-in three scene modes: Music, Teaching and Speech, convenient for using in various occasions.
- One RS485 and one DC24V output, which can fit with volume control panel and other control device.
- One 3.5mm unbalanced input and one balanced input, input volume can be adjusted, one balanced output.
- PowerCON port, solid and reliable.

ACL-100



Connection and Installation

Rear connecting plate



Serial Port Control Protocol:

Mode1:43,53,54,05,80,31,01,01,aa (Teaching Mode)

Mode2:43,53,54,05,80,31,01,02,aa (Speech Mode)

Mode3:43,53,54,05,80,31,01,03,aa (Music Mode)

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

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

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

Please note: The volume control panel is built-in control protocol.

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

Specification

System type	Modularity Active Full Range Loudspeaker
Power output(LF/HF)	4 x 40W(Peak 4 x 80W)/2 x 40W(Peak 2 x 80W)
Frequency Range(-10dB)	80 Hz-20 KHz
Frequency Response(±3dB)	85 Hz-18 KHz
Frequency Division Mode	Built-in DSP
Maximum SPL(1m)	103 dB/ peak106 dB-SPL
Coverage Patten(H x V)	120°x 60°
Low Frequency Unit	4 x 2.7" woofers, 19mm voice coil
High Frequency Unit	2 x 1" silk dome tweeters, 25mm voice coil
Audio port	One 3.5mm unbalance input and one balance input, input volume can be adjusted, one balance output
Control Port	RS485, DC24V output
Power Supply	Input power AC180V~AC220V
Dimension(H x W x D)	1000 x 80 x 121mm
Weight	4.4kg
Accessories	Aluminum alloy wall bracket