

Astronaut CL

Ceiling Speaker System

FACT SHEET



Ceiling & Projector Audio Enhancement

The Astronaut speaker system, distinguished by its elegant, circular design, is built from the ground up for classrooms and projector sound enhancement. Mounted to the ceiling, its patented omni-directional sound ensures an even soundfield throughout the room. Combined with the simplest installation on the market, this projector sound system promises cost-effectiveness and superior performance.

Product Features

- 40 watts total system power
- Up to 1,200 sq. ft. soundfield coverage with 10' ceilings
- 360° omni-directional acoustics for group listening applications
- Pre-equalized for superior speech intelligibility
- 3-channel mixer supports projectors, microphones, DVD's, smartphones, computers, and whiteboards
- Simple below the ceiling installation with included bracket
- ENERGY STAR® power and internationally certified

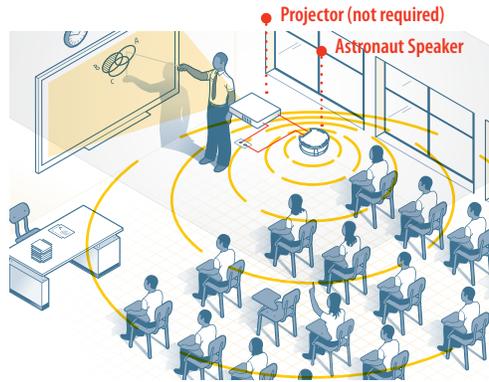
System Includes

- Astronaut CL Speaker
- Ceiling Mount Kit
- Power Supply

Astronaut series products are covered by multiple patents that are registered or under license to Cetacea Sound Corp.

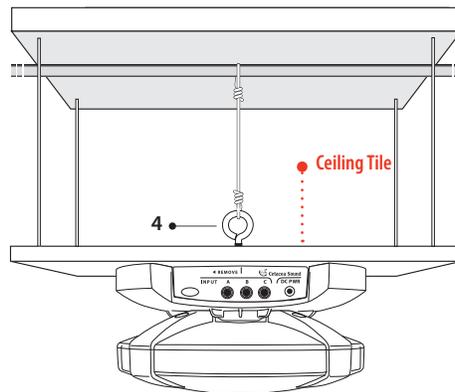
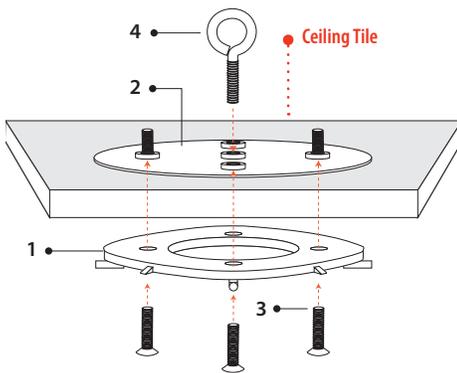
Simple and Secure Installation

The included bracket allows for quick and easy mounting to the ceiling. The Astronaut can be mounted almost anywhere on the ceiling but for the best result, mount it close to the audience.



Ceiling Mount Kit

Astronaut series speakers come standard with a ceiling mount kit for simple installation to ceiling tiles or hard-surfaced ceilings. Eye bolt prevents unwanted removal of the Astronaut from below the ceiling.



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|--------------------|---------------------|
| 1 Mounting Bracket | 3 Bracket Bolts (4) |
| 2 Ceiling Plate | 4 Security Eye Bolt |

Ordering Information

Choose from 3 Astronaut CL packages.

SKU#	ASTCLW1	Astronaut CL speaker, ceiling mount kit, power supply (6')
SKU#	ASTCLD1	Astronaut CL speaker, ceiling mount kit, power supply (12')
SKU#	ASTCLR1	Astronaut CL speaker, ceiling mount kit, power supply (6'), power extension cable (30')

Options

SKU#	AB-163RS	Inline Volume Control
SKU#	AB-145	50' Stereo Speaker Cable, 3.5mm, M-M
SKU#	AB-167	20' DC power extension cable
SKU#	AB-124	30' DC power extension cable

System Specifications

Electrical

Signal Connections

3 input jacks, 3.5mm, mono-stereo with auto detection and mix-down

Input Impedance

62k ohms

Amplifier Power/Requirements

40W total system power
15 VDC / 15W

Power Supply

Part # FW-PSE1515W or FW-PSE1515D
Switch mode, low noise, high efficiency
Voltage input: 100-240V, 50/60 Hz
Voltage output: 15 VDC

- 85% efficient
- Fuse and over-temp protection (80° C)
- Regulation +/- 5%
- Ripple and noise less than 1%
- Overload and over-voltage protection
- Short circuit protection with auto-recovery
- CEC Level VI compliant
- < 0.1W stand-by power consumption
- Approvals: UL, cUL, TUV, PSE, CSA, CCC, BEAB

Acoustics

- Omni-directional horn with ceiling acoustic coupling (patented)
- Magnetically shielded custom Audiophile® transducer (patented)
- Custom tuned cabinet (patent pending)
- Custom tuned port

Performance

Frequency Response

70-15 kHz @ -3 dB

Signal to Noise Ratio

> 90 dB

Loudness

87 dB

Port Tuning

90 Hz

Mechanical

Astronaut Dimensions

Diameter - 7.2" Height - 3.5"

Weight: 17.5 ounces (.5 kg)

Power Supply Dimensions

4.33" x 2.07" x 1.44"

8 ounces

Power Cord

- Standard CEC certified wallwort power supply - 6' reach with tuning fork barrel connector
- Optional CEC certified desktop style power supply with removal AC cord, 12' reach

Compliance

UL, cUL, CE, ENERGY STAR®, CEC VI

Warranty

Full two years on all components