Astronaut XL
Ceiling Speaker System

Ceiling & Projector Audio Enhancement

Introducing the Astronaut XL from the renowned Astronaut ceiling speaker series. It's twice as loud as the CL and produces a deeper, full-range audio experience. From standard classrooms, to cafetoriums, to computer labs, the XL's proven Astronaut technology ensures every listener hears voice and multimedia as intended with incredible speech intelligibility. And, as promised by all Cetacea products, the XL delivers unparalleled price performance.

System Includes

- Astronaut XL Speaker
- Ceiling Mount Kit
- Power Supply

Product Features

- 60 watts total system power
- Up to 1,500 sq. ft. soundfield coverage with 12' 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
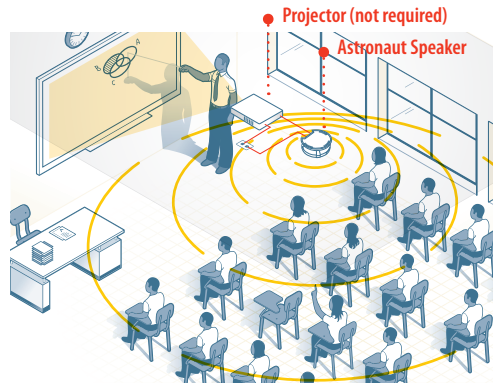- ENERGY STAR® power and internationally certified

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

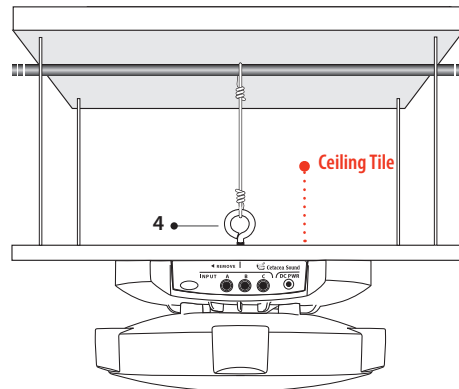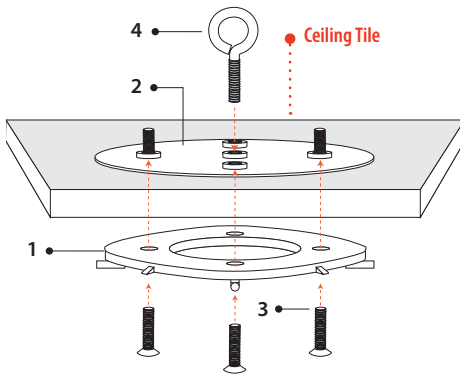(800) 556-1922   sales@cetaceasound.com   www.cetaceasound.com

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.

Projector (not required)
Astronaut Speaker

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.

Ceiling Tile
Ceiling Tile

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

Ordering Information

Choose from 3 Astronaut XL packages.

SKU#	ASTXLW1	Astronaut XL speaker, ceiling mount kit, power supply (6')
SKU#	ASTXLD1	Astronaut XL speaker, ceiling mount kit, power supply (12')
SKU#	ASTXLR1	Astronaut XL 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
60W 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
94 dB

Port Tuning
90 Hz

Mechanical

Astronaut Dimensions
Diameter - 8"   Height - 3.5"
Weight: 1 lb. 10 ounces (.7 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

Cetacea
Simple Audio by Design

(800) 556-1922   www.cetaceasound.com   sales@cetaceasound.com