

Astronaut Soundfield

Wireless Voice Amplification System

FACT SHEET



Complete Classroom Voice Amplification

Introducing the Astronaut Soundfield system, an all-in-one wireless voice amplification system for classrooms. This complete classroom amplification system integrates the popular Astronaut omni-directional ceiling speaker and Orbiter wireless pendant microphone together, making it the simplest model to install yet. Teach with confidence with the easy-to-use, ergonomic, and lightweight Orbiter pendant microphone. Every student has the best opportunity to learn when they can hear your voice flawlessly across the room, even in the back row. Installs in minutes with the included ceiling bracket and backed by a 5-year warranty.

Product Features

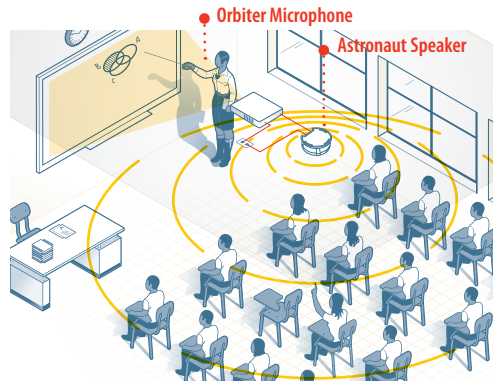
- 40 or 60 watt total system power
- Up to 1,500 sq. ft. with 12' ceilings
- 360° omni-directional acoustics for group listening applications
- Pre-equalized for speech intelligibility
- Simple below the ceiling installation with included bracket
- 2-channel mixer supports projectors, computers, displays, and more
- State-of-the-art 2.4-Ghz RF
- Lithium-ion rechargeable battery (10+ hours talk time)
- ENERGY STAR® power and internationally certified

System Includes

- Astronaut Soundfield Speaker
- Ceiling Mount Kit
- Power Supply
- Orbiter Pendant Microphone + Lanyard
- Orbiter Charger

Simple and Secure Installation

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



Team Teaching with Orbiter Duo

When teaching involves multiple teachers or students, the Astronaut Soundfield can operate two Orbiter microphones simultaneously.



Ordering Information

All Astronaut Soundfield Systems include:

- Astronaut Soundfield Speaker
- Ceiling Mount Kit
- Power Supply
- Orbiter Pendant Microphone
- Charger

40 Watt Systems

SKU#	ASTCLW-INT1-ORB	Astronaut CL Soundfield System, power supply (6')
SKU#	ASTCLD-INT1-ORB	Astronaut CL Soundfield System, power supply (12')
SKU#	ASTCLR-INT1-ORB	Astronaut CL Soundfield System, power supply (30')

60 Watt Systems

SKU#	ASTXLW-INT1-ORB	Astronaut XL Soundfield System, power supply (6')
SKU#	ASTXLD-INT1-ORB	Astronaut XL Soundfield System, power supply (12')
SKU#	ASTXLR-INT1-ORB	Astronaut XL Soundfield System, power supply (30')

Add "-DUO" to any system for two microphones (Orbiter Duo)

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

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

Input Impedance

62k ohms

Amplifier Power/Requirements

40W or 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

Acoustics

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

Orbiter Wireless

- State-of-the-art 2.4-GHz digital RF
- Built-in coexistence technology
- Lithium-ion rechargeable battery
- Controls: Volume (+/-), Master (On / Off / Mute), Pairing

Performance

Frequency Response

70-15 kHz @ -3 dB

Signal to Noise Ratio

> 90 dB

Loudness

40W 87 dB / 60W 94 dB

Port Tuning

90 Hz

Mechanical

Astronaut Dimensions

Diameter: 40W - 7.2" / 60W - 8" Height: 3.5"
Weight: 40W - 17.5 ounces (.5 kg) / 60W - 1 lb.
10 ounces (.7 kg)

Orbiter Dimensions

2.75" x 3.0" x 1.25"
2.5 ounces

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, FCC

Warranty

Full five years on all components