

# microSONE™

DISCREET AUDIO MONITORING SYSTEM



HALTER HT TECHNICAL

## **The way talent monitored audio yesterday**

An earpiece is handed to the host. She puts it in her ear and hears a noisy hiss. The Sound Technician assures her that it means it's working. Once in her ear, she has no way to change the volume herself. All of a sudden, she starts hearing interference, but the frequency cannot be changed on the fly. Then, the battery that was purchased at a convenience store dies much earlier than expected. The Technician rushes to bring in a new spare battery, and the entire production waits for the changeover...

## **And the way talent monitors audio today**

A Microsone is handed to the host. She puts it in her ear and hears her Director speaking to her in crystal clear quality, with no hiss. She uses the Control Pack to adjust the volume to her liking. There is no interference since the Sound Technician programmed clean frequencies. The internal lithium battery of the Microsone is full and reliable. Should anything unexpected happen, she has a second freshly charged Microsone ready to go...





## What's Included

**2 microSONES**



**controlPACK**

**chargingCASE**



**wallCHARGER**

**usbCABLE**



# **incognito [in-kog-nee-toh]**

*adjective*

- 1 not visible; not perceptible by the eye
  - 2 withdrawn from or out of sight; hidden
- see also: **imperceptible, microscopic, unseen, inconspicuous**

In today's world of ultra-high resolution cameras and increased tv screen sizes, the audience can see more now than ever. That's why it's important for the viewer to ignore the technical equipment and get lost in the entertainment.

At the heart of the Discreet Audio Monitoring System is the Microsone, the world's smallest rechargeable bluetooth earbud, designed to fit comfortably in ears of all sizes. When hidden in the wearer's ear canal, even those closest won't know it's there.

The Microsone is built durable and solid, with no buttons, dials, or spinning doors. Its built-in rechargeable lithium battery means no fussing around with disposable hearing aid batteries.

Using the Charging Case, you'll always know that you have a full battery, and a second Microsone charged up and ready for action. You like to be prepared, and Microsone Discreet Audio Monitoring System helps get you there.



# powerful [pou-er-fuhl]

*adjective*

1 having or exerting great power or force

2 having great effectiveness

**see also:** mighty, robust, dominant

If the Microsone is the heart of the Discreet Audio Monitoring System, then the Control Pack must be the brains. By creating a brand new class of transceiver beltpack, an entire world of flexibility and features opens up to users.

Thanks to the simple-to-use volume knob, the user doesn't need a Sound Technician to raise or lower their Microsone's volume. And as the sound around them changes, a little twist of the knob keeps the wearer in control.

The Control Pack is capable of receiving audio from any analog VHF or UHF transmitter, meaning you can use your existing equipment. And since the Control Pack is frequency agile, you won't need a computer or expensive equipment to reprogram it in the field.



The Control Pack can be worn directly on the talent, or just placed conveniently nearby them. With no external antennas or wires necessary, it's simple to hide. And since it drops right into your current system, it works for you rather than you working for it. That's what power is all about.

**versatile** [vur-suh-tl or, esp. British, -tahyl]  
*adjective*

- 1 able to adjust readily to different conditions
  - 2 having or capable of many uses
- see also: **adjustable, flexible, resourceful**

### **sound PRODUCTION**

Whether narrative dramatic work, unscripted reality, hidden camera, or competition show, on-screen talent can receive music cues, be fed scripted lines, or listen to direction directly in their ear, all without being seen by camera.

### **broadcast AUDIO**

Ditch the newscaster “this-just-in” wire! TV presenters and news reporters can look even more professional with the minuscule Microsone in their ear.

### **public SPEAKING**

Press events, keynote speeches, and conferences just became easier to get through. Use Microsone to ensure that the facts are always right, and no important note is missed.

### **professional SECURITY**

Covert ops reach a whole new level with Microsone. Stay in touch with each other with incognito audio monitoring, and stay concealed in plain sight.

### **training FACILITIES**

In medical theaters, students can receive instruction without having wires impede their surgical work. With Microsone, corporate trainers can educate new hires in real-world scenarios.

### **live THEATER**

When actors and actresses are equipped with microsone, they'll never miss a stage direction, cue, or line again.

### **sporting EVENTS**

Referees and umpires need to be mobile, and agile, and not be hindered by wires or clunky headsets. Now, the right call can be made quickly, and wirelessly.

### **guided TOURS**

Museum goers don't want to wear a set of headphones on their trip. microsone allows them to hear the tour guide clearly, while leaving an ear open to listen to friends and family.



## Features and Specifications\*

### **Microsone**

Bluetooth Chipset:	Bluetooth 5.0 QCC3020
Bluetooth Codec:	AptX
Battery Charging:	Wireless Contact Charging
Frequency Response:	100Hz - 9kHz
Size:	0.70" (18.00mm)

### **Control Pack**

Operating Frequencies:	174.000MHz - 217.000MHz and 470.000MHz - 608.000MHz
Frequency Steps:	0.025MHz
Compatible Transmitters:	Analog FM
User Programming:	4 User Banks of 8 Channels Each
USB Protocol:	USB Type C for Firmware Updates & Battery Charging
Battery Requirement:	2 AA Batteries (Rechargeable through USB Type-C)
Audio Output:	Bluetooth & 3.5mm Headphone
Volume Knob:	Controls Microsones & Headphone Output Concurrently
Antennas:	Internal
Display:	Color OLED
Meters:	Radio Frequency, Audio Frequency, Battery
Display Timeout:	60 seconds
Size:	3.34" x 2.67" x 0.86" (85mm x 68mm x 22mm)

### **Charging Case**

USB Protocol:	USB Type C for Internal Battery Charging
Display:	Indicates Internal Battery and Charging
Size:	1.22" x 2.79" x 1.45" (31mm x 71mm x 37mm)

Patent Pending: #17/581,750

\*subject to change

