

# MV-AUDIBLE™

## WIRELESS COACHING INTERCOM™

### A ROCKET SCIENTIST BUILT THIS

Unlike some firms where their founder stumbled into Mission Critical communications, Ron Fraser was practically born for this profession.

Armed with an Electrical Engineering degree from BYU, Ron held *Secret* government clearance while working for Texas Instruments, TRW, and the U.S. Naval Research Laboratory. In fact, when a Titan Missile explosion left one dead and 21 injured, it was Ron who was sent to determine why the comms system failed and to design a failsafe solution that could withstand a nuclear blast.

### WIRELESS FOOTBALL COMMS

By comparison, Ron's 1990s assignment was tame indeed: Design the first wireless sideline comms system for football coaches, a task he completed in 1997. Since then, Ron has worked on a wide variety of comms projects, including the new solution that allows public safety personnel to wirelessly coordinate traffic signals during emergencies.

### SIDELINE COMMS REBORN

Recently, Ron turned his focus back to the glaring weakness of coaching comms systems — the "Base Station." Whether utilized as a massive monolith on the sideline or a tiny switch inside a press box, when these Base Stations fail, all communications fail, leading to disastrous game time consequences.

### INTRODUCING MV-AUDIBLE™

A communications wonder, the MV-AUDIBLE is the world's first multi-coach Wireless Coaching Intercom™ that does NOT need a Base Station.

By reducing the capabilities of a Base Station into each MV-AUDIBLE unit, the coaching network will continue to function as designed — during game time or on the practice field.

### UNMATCHED POWER

With a range up to 4000 feet (greater distances possible with upgrades), the MV-AUDIBLE will operate in any stadium and on virtually any practice facility. MV-AUDIBLE also delivers 18 hours of talk-time, long enough for any practice regimen during grueling two-a-days.

This patented wonder supports live comms with up to 17 coaches/players (without a Base Station).

Since MULTIVOICE's Military and Police Intercoms safely suppress the sounds of explosions and weapons fire, we've incorporated these same technologies into the MV-AUDIBLE to overcome disruptive crowd noises. And although coaches may still yell during a game, MV-AUDIBLE's sound-normalization ensures no one has to yank-off a headset to prevent hearing loss.

### COACH POWER

With no Base Station to worry about, MULTIVOICE users find it a snap to utilize the MV-AUDIBLE system during practice, two-a-days, scrimmages, and during games on the road and at home.

In fact, using the MV-AUDIBLE is as simple as turning on the units, connecting the headsets, and activating the boom microphones. And yes, it really is that simple.

Better yet, if you need to add another coach to your communications network, all you have to buy is one (1) new MV-AUDIBLE intercom and headset. That's it. And with four (4) separate channels, MV-AUDIBLEs are ideal for organizing coaches by discipline, with Offense on one channel and Defense on another. This also allows the Head Coach to easily switch from Offense to Defense as needed, while reserving two (2) additional channels for private conversations.

### COMMS NIRVANA

Not surprisingly, once an MV-AUDIBLE unit is turned on and volume levels are set, there are no buttons to push. Just speak freely and focus on game time decisions.

To mute the microphone, simply lift the boom-mic on the headset. MV-AUDIBLE Intercoms are available with either single- or double-ear headsets and ship standard with a ruggedized carrying case.

### LEARN MORE

To learn more or schedule a hands-on demo, please visit [www.MULTIVOICE.com](http://www.MULTIVOICE.com) or call 385-236-5111.



# MV-AUDIBLE™

## WIRELESS COACHING INTERCOM™

### OVERVIEW

The MV-AUDIBLE™ Wireless Coaching Intercom™ allows up to 17 coaches/players to simultaneously talk and listen securely on the same handsfree network without requiring a Base Station at standard distances of up to 4000 feet (greater distances possible with upgrades).

### PHYSICAL CHARACTERISTICS

**Dimensions:** 5.3x3.3x1.3-inches

**Encasement:**

- Polycarbonate - ABS Blend

**Weight:** 15.98 ounces

**Antenna:** 3.5-inches high

**Connectors:**

- Antenna — HIROSE screw-on connector
- Headset Cable — HIROSE locking connector
- USB — miniUSB port

### POWER

**Batteries:**

- Two (2) internal, rechargeable 3000mAh Lithium-Polymer batteries
- Rechargeable via miniUSB port
- Talk Time: Up to 18 hours

### INTERCOM CONTROLS

On/Off Power Button

Volume Up Button and Volume Down Button

Channel Button

Switch-to-Talk™/Mute Button

Four (4) LED indicator lights

### TECHNICAL CHARACTERISTICS

**Maximum Output:** 500mW

**Range:** Up to 4000 ft. (greater distances possible with upgrades)

**Frequency:** 900MHz band (902—928MHz)

**Frequency Controls:**

- TDMA (Time Division Multiplex Access)
- FDMA (Frequency Division Multiplex Access)
- Frequency-Hopping Spread Spectrum (every 30 milliseconds)
- Proprietary wireless communication protocols, including auto-detect and shift-synchronization to automatically maintain connectivity within each mesh-network while preventing eavesdropping and jamming

Proprietary auto-volume normalization

### MV-HEADSETS™

Naturally, MULTIVOICE includes a Heavy Duty headset with every MV-AUDIBLE Intercom. MV-HEADSETS guarantee top-tier sound quality in any condition—in a stadium filled with 100,000 screaming fans or even in pelting rain. MV-HEADSETS are equipped with a padded, over-the-head strap, as well as cloth-covered ear seals, to provide supreme comfort. These are available in double- or single-ear models.



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