



## Wi AudioStream™ Pro EL

Pocket Portable Stereo Digital Wireless  
Earset, Lavalier & Audio Monitoring System

Wi<sup>®</sup>  
Wi<sup>™</sup> DIGITAL SYSTEMS

— OWNER'S MANUAL —  
OPERATING INSTRUCTIONS

CONGRATULATIONS!



Thank You For Choosing Wi Digital Systems.

Congratulations on your purchase of the Wi AudioStream Pro EL Pocket Portable Stereo Digital Wireless Microphone, Lavalier & Audio Monitoring System with 2-Way Wireless USB 2.0 Audio Interface.

Please thoroughly read this User's Manual for all the feature operation information necessary to install and operate your new Wi AudioStream Pro EL system.

Notice: Product specifications and package contents are subject to change without notice. Package contents may vary according to the different regions.

For additional support, please visit [www.widigitalsystems.com](http://www.widigitalsystems.com)

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# TECHNICAL SUPPORT

## Getting Answers!

We want you to get the most from your new Wi AudioStream Pro EL stereo digital wireless audio system! Simply logon to [www.widigitalsystems.com](http://www.widigitalsystems.com) and access the resources available online including instructional manuals and more.

Our customer service support staff are ready to assist you with any question you may have. Your Wi AudioStream Pro EL comes with 90 days of telephone support and one year of service coverage.

There are several ways to contact Wi Digital Systems customer service support.

E-Mail:	<a href="mailto:support@widigitalsystems.com">support@widigitalsystems.com</a>
Website:	<a href="http://www.widigitalsystems.com/support">www.widigitalsystems.com/support</a>
Technical support:	(714) 505-4567

# PACKING LIST



Wi Transmitter



Wi Receiver



Wi Sure-Sound™ Earset with  
Wi Simple-Twist Unidirectional  
Detachable Microphone Capsule



Wi Simple-Twist™  
Detachable Earset Cable



Wi Sure-Sound™ Lavalier with  
Omnidirectional Microphone Capsule



Universal USB  
AC Charger



1/4"-20 Camera  
Hot Shoe & Clip



Single Feed  
Cable Clips



MIC  
Windscreens



MIC/Headphone  
Adapter



1/8" to 1/8" TRS Stereo  
Cable & 1/4" Adapter



1/8" Stereo to 1/4"  
Stereo Y-split Cable



XLR to 1/8"  
TRS Cable



USB  
Data Cable



USB Y-Split  
Power Cable



Hard Shell  
Carrying Case

# CHARGING

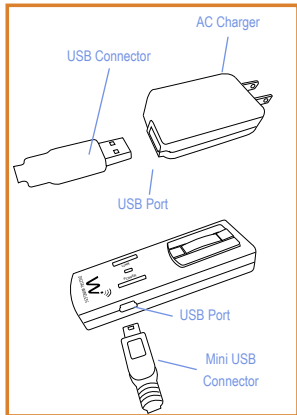
## Charging The System

Before using your new Wi AudioStream™ Pro digital wireless system, you need to fully charge the batteries for approximately 2 hours.

1. Plug the AC Charger into a power socket.
2. Connect the USB power cable to the USB port on the AC charger.
3. Connect one of the two mini USB connectors to the Transmitter USB port.
4. Connect the second mini USB connector to the Receiver USB port.
5. The Power/Status LED will turn to solid Red ON.
6. When charging is complete the Red LED will turn OFF.

The system's power source's flexible design boasts 4 power options:

- 4~6 hours internal rechargeable battery use.
- 13 hours with USB AA battery adapter (optional accessory).
- Continuous use with AC power adapter.
- Continuous use with USB port bus power.



## Pairing the Wi Transmitter & Receiver

The Wi Transmitter and Receiver are paired at the factory. Perform the following steps ONLY if you need to reestablish connection between the Transmitter and the Receiver.

1. First turn ON the Transmitter (Tx) and the Receiver (Rx) by pressing and holding the POWER button ②, ② on each of the units for 2 seconds. The green LED on Each unit will flash.
2. Press and hold the LINK button ⑦ on the Transmitter (Tx) for 3 seconds. The Power/Status green LED on the Transmitter will start flashing faster. The Transmitter is now in a Pairing mode and ready to search for the Receiver.
3. Press and hold the LINK button ⑥ on the Receiver (Rx) for 3 seconds. The Power/Status green LED on the Receiver will flash momentarily.
4. Once the Transmitter links with the Receiver, the Power/Status LED on both devices will turn to solid green.
5. The Transmitter and Receiver are now ready for use.




## EARSET SETUP

### The Wi Sure-Sound Earset

Delivering unmatched value, comfort, sound quality and secure fit, the Wi Sure-Sound™ earset ultra-small removable MIC capsule mounted on an ultra-thin, rugged, bendable, adjustable length and incredibly lightweight boom captures vocals clearly with excellent rejection of wind and ambient noise.

The Wi Sure-Sound™ earset is an excellent choice for pastors, artists, fitness instructors, speaking and singing performers, video camera miking and hard to MIC instruments.

 Refer to the "Earset Specs" on page (58) for more details.





## Connecting The Earset Cable

The Wi Sure-Sound™ series ultra-low-profile detachable cable delivers minimum visibility with maximum durability. Optional adapters give the Wi Sure-Sound™ series earset great flexibility for use with different wireless systems including AKG™, Shure™, Sony™, Audio-Technica™ and Sennheiser™.

1. Locate the detachable earset cable.
2. Fasten the earset end of the earset cable to the screw connector located on the silicon ear mount.

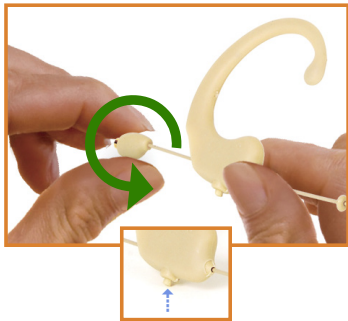


## EARSET FITTING

### Left or Right Ear Placement

The Wi Sure-Sound series can easily be converted from right to left ear wearing preferences with a Simple-Twist™. This unmatched time saving feature delivers exceptional flexibility for venues needing to accommodate multiple users and their wearing preferences.

1. Press the boom locking switch located on the bottom of the Silicon ear mount.
2. Rotate the boom 180 degrees to the preferred ear wearing preference.
3. Release the locking switch when rotation is complete. No need to rework the bend or reshape the boom again when switching from left to right ear placement. The boom maintains its original angle to capture vocals from the near-the-mouth position, from the opposite side.



### Wearing the Wi Sure-Sound Earset

The Wi Sure-Sound series advanced ergonomic Silicon ear-mount design delivers an unmatched comfortable fit in seconds while ensuring secure boom placement even when the head moves, or when used with glasses or other head-worn accessories. This ultra-lightweight MIC is incredibly easy to wear even for an extended time.

1. Pull the “C” shaped Sure-Sound silicon ear mount wide open and clip over the ear.
2. Loop the bottom part of the “C” shaped ear mount beneath the earlobe.
3. You should feel the Wi Sure-Sound earset gripping your ear and pressing out against your earlobe for comfortable secure fit.
4. The boom is designed to press and curve smoothly around the face. Adjusting the boom length and curvature are covered in the following section.



## EARSET FITTING

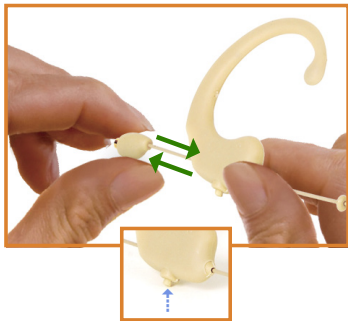
### Adjusting the Boom Length

The Wi Sure-Sound series boom can easily be adjusted to the appropriate length and placement with a simple push of a button to capture the closest near-the-mouth vocals clearly and consistently. The boom locking mechanism keeps the boom securely in place to provide good gain and natural sound that doesn't change when the head moves.

1. Press the boom locking switch located on the bottom of the Silicon ear mount.
2. Slide the boom shaft to position the MIC capsule just behind the corner of your mouth when you are smiling.
3. Release the locking switch when adjustment is complete.



• Placing the microphone too far forward can result in breath-related pops.



## Adjusting the Boom Curve

The Wi Sure-Sound series bendable boom can easily be adjusted to position the microphone tip as close as possible to the mouth for best vocal gain and clarity. Adjust the curvature of the boom only when necessary. If the microphone tip is away from the cheek, this will result in lower gain and more ambient noise.

1. Using the thumb and the index finger, curve the boom with a sliding motion to form the boom and get the curvature you require.



- Avoid bending right at the capsule.



- Do not bend the boom over sharp edges such as the end of your fingernail.



- Do not pinch, twist or kink the boom around a tight radius less than 1/2" diameter.



## EARSET FITTING

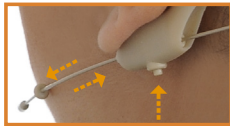
### Positioning The Microphone Capsule

The Wi Sure-Sound series removable microphone capsule is located at the tip of the boom. The key to maximizing the sound quality is to locate the capsule as close as possible to the mouth without touching the face.

1. Press the boom locking switch located on the bottom of the Silicon ear mount.
2. Slide the boom shaft to position the MIC capsule just behind the corner of your mouth when you are smiling.
3. Release the locking switch when adjustment is complete.



- Placing the microphone too far forward can result in breath-related pops.
- Use the windscreen outdoors.



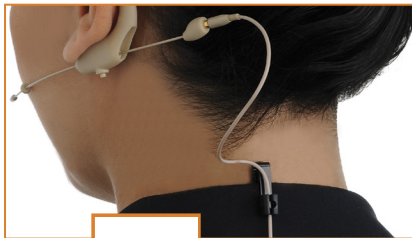
## Using The Earset/Lavalier Cable Clip

The Wi Sure-Sound series comes with an Earset/Lavalier cable clip to prevent movement of the cable from dislodging the earset. The clip is specifically designed to match the diameter of your cable, either 1.4mm or 2mm.

1. Locate the cable clip and gently pull the cable down into the rubber cable channel opening on the clip.
2. Attach the clip to the collar and leave enough slack in the cable such that the head can turn to both sides without tugging on the clip.



- We recommend leaving the clip attached to the cable when possible to minimize repetitive strain on the cable.



## EARSET HANDLING

### Replacing the Microphone Capsule

The Wi Sure-Sound Earset microphone removable capsule design eliminates the need to purchase different earsets with different microphone specifications. You can choose from a variety of optional removable MIC capsule models with different polar patterns and frequency response for added control over your environment.

1. Remove the MIC capsule from the earset or lavalier MIC port by unscrewing the MIC capsule counterclockwise.
2. Align the MIC capsule threads in a straight line with earset or lavalier cable MIC port.
3. Fasten the MIC capsule from the earset or lavalier MIC port by screwing in the MIC capsule clockwise until snug! Be certain not to overtighten.



#### **AVOID ACCIDENTAL CAPSULE THREAD STRIPPING!**

- Be certain to align the MIC capsule threads in a straight line
- Be certain not to overtighten.



## Handling The Wi Sure-Sound Earset Series

The Wi Sure-Sound series is a high-precision instrument and is designed for durability and flexibility. The following are some of the basic precautions to prevent damage to the Wi Sure-Sound.

- ✗ Do not bend and wrap the cables in any way that creates severe coiling or strain on the cables.
- ✓ Always detach the earset cable when storing the Wi Sure-Sound earset microphone.




## LAVALIER FITTING

### Wi Sure-Sound Lavalier

Wi Digital Systems ultra-small 3.1mm MIC capsule mounted on an ultra-thin rugged cable, captures vocals clearly with excellent rejection of wind and ambient noise.

The crisp, high-quality Wi Sure-Sound™ Mono Lavalier microphone provides superb vocals and sound pick-up from all directions making it an excellent choice for video camera, camcorders, DSLRs, smartphones and tablets miking.

 Refer to the "Lavalier Specs" on page (59) for more details.



### Using The Lavalier Option

The Wi Sure-Sound Lavalier easily accommodates alternative mounting applications such as:

- Ties, Shirts, Jackets and Behind-the-Button Positioning
- In-Hair
- Beneath T-shirts & Blouses
- Hard to MIC Instruments

The included Lavalier cable clip can be used to customize the fit of the lavalier to be both comfortable and discreet.

Ideal for presenters, reporters, worship leaders and pastors, broadcasters, interviewers, artists, fitness instructors, speaking and singing performers and many more!



## TRANSMITTER MIC CONNECTION

### Connecting The Microphone to The Transmitter

Connect the 1/8" TRS end of the microphone cable to the audio output port ① of the Wi Transmitter.

- ➡ For Mono MIC connection, ensure that the Transmitter is set for *Mono Mic-In Mode* ⑨ and the LED is in FAST blue flashing mode.
- ➡ For Stereo MIC or Mono Redundancy MIC connection, ensure that the Transmitter is set for *Stereo Mic-In Mode* ⑨ and the LED is in SLOW blue flashing mode.
- ➡ For Camcorders or DSLRs without microphone noise filter circuit or limited MIC gain control capability set the Transmitter to *Stereo Line-In Mode* ⑨. The blue LED will reflect TWO FAST flashes.
- ➡ *Refer to the "Tx Button Functions" on page (50) for more details.*



### Transmitter Placement

Designed for singers, performers, broadcasters, interviewers and active users, the Ultra-lightweight, 1.08 Oz discreet and unobtrusive Wi Transmitter can easily be attached to your belt, shirt, or even placed in your pocket without impeding your body movement.

For best wireless performance we recommend mounting the Wi Transmitter on your belt to the side of your body.



## RECEIVER CAMERA CONNECTION

### Using The 1/4"-20 Hot Shoe Camera Adapter


The Wi Transmitter and Receiver are designed to mount video camera DSLR and handheld recorders.

1. Locate the 1/4"-20 Hot Shoe flash adapter for cameras, tripods and bipods.
2. Fasten the 1/4"-20 Hot Shoe flash adapter mounting screw to the belt clip 1/4"-20 nut and tighten the top lock ring.
3. Loosen the bottom lock ring on the 1/4"-20 Hot Shoe flash adapter camera accessory.
4. Insert/slide the mounting foot of 1/4"-20 Hot Shoe flash adapter into the camera accessory shoe and tighten the bottom lock ring.



## Audio Cable Connection

1. Locate the 1/8" to 1/8" TRS stereo audio cable or the 1/8" to XLR TRS audio cable. Use the 1/8" TRS to XLR audio cable if your camera is equipped with XLR audio input ports.
2. Insert the 1/8" TRS stereo end of the audio cable into the Wi Receiver audio output jack.
3. Insert the 1/8" TRS stereo end or the XLR end of the audio cable into the Camera MIC-IN or Line-In audio input jack.

 *For best audio results we recommend connecting to the Line-In input if available.*



1/8" to 1/8" TRS Stereo Cable



1/8" TRS to XLR Cable



## RECEIVER MIXER CONNECTION

### Connecting The Receiver to Sound Systems

The Wi AudioStream EL Pro is designed to connect to amps, mixers, live sound systems or powered speakers in minutes!

Simply connect the ultra compact sized Receiver to the mixer, amplifier or powered speaker and you are done!

*☞ For best audio sound quality and gain feedback control, we recommend connecting the Wi Receiver to (2) two channels on the mixer or live sound system using the included 1/8" stereo male to 1/4" Y-split cable.*

***No phantom power required!***

*This setup will allow you to reduce the gain settings by 50% from normal mono single channel connection and expand the vocal sound quality by slightly panning the first channel to the left and the second channel to the right.*





## Audio Cable Connection

1. Locate the 1/8" stereo to 1/4" Y-split TRS cable or the 1/8" to XLR TRS audio cable that comes with the system.
2. Connect the 1/8" TRS end of the cable to the audio output port **1** of the Receiver, then connect the left and right 1/4" TRS cable ends to the mixing console audio inputs.

Connect the XLR cable end to the MIC XLR port on the mixing console if you are using the mono XLR cable.



1/8" Stereo to 1/4" Stereo Y-split Cable

### Stereo Connection Cables



1/8" to 1/8" TRS Stereo Cable & 1/4" Adapter      1/8" TRS to XLR Cable

### Mono Connection Cables



### Connecting the Receiver to Smart Devices Analog Audio Port

The Wi Receiver brings the convenience of hands-free digital wireless miking and freedom of movement to smartphones and tablets to transform these smart devices to powerful on-the-go Audio-Visual production tools.

This powerful system enables users to wirelessly connect an earset or a lavalier microphone and capture superb vocals and amazing ambient sounds easily and accurately with perfect recording levels on iPhone, iPod, iPad, Windows Surface, Tablet PC or any Smartphone.



## Using The MIC/Headphone Adapter to Mount The Receiver to Smart Device

1. Locate the 1/8" to 1/8" stereo audio cable and the MIC/Headphone adapter.
2. Insert the 1/8" TRS stereo end of the audio cable into the Wi Receiver audio output jack.
3. Insert the 1/8" TRS stereo end of the headphone cable into the Headphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS stereo end of the Receiver cable into the Microphone port on the MIC/Headphone adapter.
5. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Smartphone or smart device MIC/Headphone port.



Wi Receiver  
Connection



Headphone  
Connection



# AUDIO MONITORING

## Audio Monitoring

The Wi AudioStream Pro EL is designed to provide freedom of wireless movement to any conventional headphones or in-ear personal monitors making it an ideal system for audio listening and monitoring applications.

You can wirelessly listen to your music from live sound system, MAC, PC, smart device or any audio source by connecting the Wi Transmitter to your audio source and your headphones or in-ear personal monitors to the Wi Receiver.

The system is optimized for Wi Digital's optional Wi Sure-Ears model Wi-SEBD10 and Wi Micro-In-Ear model Wi-SEMI5 personal reference monitors for a high quality wireless monitoring experience.



## Headphone & In-Ear Personal Monitors Setup



**PLEASE PROTECT YOUR EARS!** Prolonged use of headphones or In-ear personal monitors at high volumes may affect your hearing capacity or may result in noise induced hearing loss (NHL).

1. Connect the Wi Transmitter to your audio source using one of the included stereo audio cables that best fit your audio source audio port jack.
2. Set the Wi Transmitter to "Stereo Line-in" mode by pressing the MODE button **9** for three seconds until the blue LED reflects "Two Fast Blue Flashes".

 Refer to the "Tx Button Functions" on page (50) for more details.

3. Insert the 1/8" TRS stereo end of the Headphone cable into the Wi Receiver audio output jack **1**.



## WIRELESS USB AUDIO INTERFACE

### 2-Way Wireless USB 2.0 Audio Interface

The 2-Way wireless USB 2.0 audio interface enables users to wirelessly connect microphones and In-ear monitors to iPad®, Windows Surface®, Tablet PC, MAC and PC computers for untethered simultaneous two-way 2.4GHz digital wireless studio audio quality connectivity to practice, record and monitor their performance with superb tones using the sound effects in Apple's Logic Pro, GarageBand software or any Core Audio compatible application on iPad, Tablet, Mac or PC.



## Wireless USB Audio Interface Features List:

The amazing 2-Way wireless USB 2.0 audio interface features special circuitry designed to deliver professional digital wireless audio I/O performance along with low latency USB 2.0 performance.

- Wirelessly connect your iPad®, Windows Surface®, Tablet PC, MAC and PC to studio gear or professional on-stage audio systems such as DJ gear, audio mixers, powered speakers/monitors, amplifiers and live sound systems in minutes.
- Convert your iPad®, Windows Surface®, Tablet PC, MAC and PC to a powerful on-the-go video production tool without the cable clutter.
- Conduct Podcasting or voice over the internet (VoIP) chats with support for most common calling applications including Webex®, GoToMeeting®, Skype®, Yahoo!®, Acrobat Connect®, Facebook®, Google+Hangouts® and more.
- Connect your iPad®, Windows Surface®, Tablet PC, MAC and PC wirelessly to your home theater or stereo system while keeping your gear at your finger tips.
- Stream audio wirelessly to your favorite headphone or in-ear monitors with full access to all of the essential audio control functions of your iPad®, Windows Surface®, Tablet PC, MAC and PC including volume up and down, play, pause, mute, track control and MIC muting in the palm of your hand.

# MAC USB SETUP

## Connecting to Your Mac

1. Locate the included USB data cable.
2. Make suer that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable into your Mac laptop or desktop USB port.
5. Power up the Transmitter and the Receiver.





## Configuring The Audio Ports On Your Mac

1. To select the Wi Transmitter as the computer's audio output, open the System Preferences from the dock or the main Apple Menu.
2. Open the Sound preferences then choose the output tab and select Wi AudioStream Pro.
3. Adjust the Output volume slider at the bottom of the Sound dialog box to the maximum setting. Use the Wi AudioStream Pro Receiver's volume controls to control the overall output volume for the headphones or speakers.
4. Select the Wi AudioStream Pro as the computer's audio input interface for use with your Lavalier or your headphone with built-in MIC. Choose the Input tab and Wi AudioStream Pro. Adjust the Input volume slider to set the MIC gain.

## PC USB SETUP

### Connecting To Your PC

1. Locate the included USB data cable.
2. Make sure that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable into your laptop or desktop USB port.
5. Power up the Transmitter and the Receiver.
6. Windows will recognize the Wi Transmitter and automatically install the universal driver. A balloon will pop up, telling you the computer has found the Wi Transmitter. When Windows is finished installing the driver, a balloon pop up will say "Your device is installed and ready to use".



## Windows 7/Vista/XP Optional Settings

### 1. Setting the Wi Transmitter as your default audio device

To set the Wi Transmitter as your default device for sound playback and recording, or to change its settings, click the Start button, click Control Panel and then click Sound. Under the Playback and Recording tabs, you can select the Wi AudioStream Pro from the menus and use the Set Default button to set it as the default device.

### 2. Setting the Wi Transmitter MIC gain

To set the gain of the microphone when using the Wi Transmitter, click on the Volume button in the Sound recording section. Moving the slider will adjust the microphone gain.

# iPad USB SETUP

## Connecting to Your iPad

The optional Apple Lightning to USB Camera adapter Model MD821ZM/A or 30-pin to USB Camera adapter Model MC531ZM/A is required to set up your Wi AudioStream Pro with iPad.



Note: Before using the Wi AudioStream Pro with your iPad, you need to fully charge the Transmitter batteries. Your iPad will display the message "The attached accessory uses too much power" if the Transmitter is not fully charged.

1. Make sure that the Transmitter and the Receiver are OFF.
2. Insert the mini USB end of the USB data cable into the USB audio interface port located on the side of the Transmitter.
3. Insert the full size USB end of the USB data cable to the USB port on the optional Apple iPad Camera connection adapter.
4. Power up the Transmitter and the Receiver.
5. Apple iPad iOS will automatically install the universal driver.

## Apple Optional USB Camera Adapters



Apple 30-pin Adapter  
Model MC531ZM/A



Apple Lightning Adapter  
Model MD821ZM/A



## Connecting to your Windows Surface and Tablet PC

1. Locate the included USB data cable.
2. Make sure that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable to your Windows Surface or Tablet PC USB port.
5. Power up the Transmitter and the Receiver.
6. Windows will recognize the Wi Transmitter and automatically install the universal driver. The Wi AudioStream Pro Plug-and-Play systems is now ready for use.



## USB AUDIO LISTENING

### Headphone & In-Ear Personal Monitors Setup



**PLEASE PROTECT YOUR EARS!** Prolonged use of headphones or In-Ear personal monitors at high volumes may affect your hearing capacity or may result in noise induced hearing loss (NHL).

- You can wirelessly listen to your iPad®, Windows Surface®, Tablet PC, MAC and PC computers music by connecting your headphones or in-ear personal monitors to the Wi Receiver.
- Pressing the Play **9** button on the Wi Receiver will automatically start iTunes or Windows media player.
- You can remotely control the audio functions of your MAC, PC, iPad or Windows Surface Play/Pause/Mute **9**, Next Track **7**, Prev Track **8**, Volume UP **4**, Volume Down **5** directly from the Wi Receiver using the function buttons.

We recommend using the Wi Sure-Ears (Wi-SEBD10) or the Wi Micro-In-Ear (Wi-SEMI5) in-ear monitors for a high quality monitoring experience..



## USB VoIP and Podcasting

Your MIC is probably the most important part of your setup.

For VoIP application, typical headphones equipped with a microphone are sufficient. Simply plug in your headphones equipped with a microphone to the Receiver and get started.

For Podcasting, you will need a good set of monitors when you're recording to monitor yourself as well as hear your guests. We recommend using the Wi Sure-Ears (Wi-SEBD10) or Wi Micro-In-Ear (Wi-SEMI5) for a high quality monitoring experience.

1. Locate the MIC/Headphone adapter.
2. Insert the headphone cable jack into the Headphone port on the MIC/Headphone adapter.
3. Insert the 1/8" TRS end of the earset or lavalier MIC into the Microphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Wi Receiver Audio I/O port.



Microphone Connection



Headphone Connection



## Connecting The Earset/Lavalier Directly into Smart Devices Analog Audio Port

Designed for quick and on-the-go microphone setups, this powerful system provides the convenience of connecting the included professional grade Wi Sure-Sound earset and lavalier directly into your iPhone, iPod, iPad, Windows Surface, Tablet PC or any Smartphone Headphone/MIC audio input jack to capture superb vocals and amazing ambient sounds easily and accurately while providing audio monitoring functions.

Compatible with any application that accepts input from a headset connection, the crisp, high-quality audio lavalier microphone provides superb vocals and sound pick-up from all directions. For noisy environments, the best microphone to use is the unidirectional earset MIC. It isolates your voice against typically noisy backgrounds.





## Using The MIC/Headphone Adapter to Mount The Receiver to Smart Device

1. Locate the Wi Sure-Sound Earset or Lavalier, and the MIC/Headphone adapter included in the kit.
2. Insert the 1/8" TRS stereo end of the earset or lavalier into the MIC port on the MIC/Headphone adapter.
3. Insert the 1/8" TRS stereo end of your headphone cable into the headphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Smartphone or smart device MIC/Headphone port.



Wi Receiver  
Connection




Headphone  
Connection



# TRANSMITTER FEATURES

## Transmitter Controls and Connections

- ① **Audio IN Jack:** Provides mono and stereo connection for your microphone or other line level sound source.
- ② **Power ON/OFF:** Press and hold the Power button for 2 seconds to turn the Transmitter ON or OFF.
- ③ **Power/Status LED:** Displays the status of six functions: ON/OFF, Battery Charging, Low Battery, Pairing, Mute, Operating and Lock Modes.
-  Refer to the "Tx Button Functions" on page (51) for more details
- ④ **Volume UP:** Press once to increase the volume level one step at a time. Hold to increase continuously.
- ⑤ **Volume DOWN:** Press once to decrease the volume level one step at a time. Hold to decrease continuously.



⑥ **Mute:**

Press and hold for 1.5 seconds to mute or un-mute the audio.

⑦ **Link/Pair:**

The **Link** button performs two functions: **Pairing** and **Linking**.

Pairing allows the Transmitter to connect and communicate with the Receiver. Press and hold for 3 seconds until the green LED displays fast flashes, indicating that it is ready to pair with a Receiver. Once the Transmitter links with the Receiver, the LED on both devices will turn solid green.

## TRANSMITTER FEATURES

⑧ **Lock:** Press and hold for 2 seconds to lock the function key pads on the Transmitter and the Receiver to preserve all settings and prevent accidental triggering of the function buttons during operation. Press once to unlock the Transmitter and Receiver function key pads and restore normal operation..

⑨ **Mode:** Press and hold for 2 seconds to select the desired operation indicated by the following blue LED flashing sequence. Continue to hold to cycle between the three operating modes.

**Stereo Mic-In Mode** Solid Green LED and Slow Blue LED Flashes.

**Mono Mic-In Mode** Solid Green LED and Fast Blue LED Flashes.

**Stereo Line-In Mode** Solid Green LED and Two Blue LED Flashes.

 Refer to the "Tx Button Functions" on page (50) for more details.

## TRANSMITTER FEATURES



### ⑩ USB 2.0 Audio Interface & Charging Port:

This is a mini USB 2.0 Plug-and-Play wireless audio interface for iPad®, Windows Surface®, Tablet PC, MAC and PC.

This is also a mini USB power connection to power up and charge the internal batteries. The Transmitter can be charged using the supplied universal AC charger, via an instrument or computer USB port, or the optional AA battery power booster adapter.

### ⑪ Belt Clip:

The Transmitter can be attached to belts, shirts and pants' pockets. The compact and lightweight design is easy to wear without impeding body movement. The Transmitter can be attached to cameras, tripods and bipods using the included 1/4"-20 Hot Shoe flash adapter.

# RECEIVER FEATURES

## Receiver Controls and Connections

- 1 Audio I/O Jack:** Stereo/Mono audio output and mono MIC input port connection for professional Sound Systems, In-Ear Monitors, Microphones and more...
- 2 Power ON/OFF:** Press and hold for 2 seconds to turn the Receiver ON or OFF.
- 3 Power/Status LED:** Displays the status of six functions: ON/OFF, Battery Charging, Low Battery, Pairing, Mute and Lock mode.
- 4 Volume UP:** Press once to increase the volume level one step at a time. Hold to increase continuously.
- 5 Volume DOWN:** Press once to decrease the volume level one step at a time. Hold to decrease continuously.



### 6 Link/MIC:

This multifunction button performs the Pairing and VoIP MIC muting.

Pairing allows the Receiver to be discovered by the Transmitter. Press and hold the **Link** button for 3 seconds until the green LED displays fast flashes, indicating that it is ready to pair with a Transmitter. Once the Transmitter links with the Receiver, the LED on both devices will turn solid green.

VoIP & Microphone operations - See item #10

### 7 Next Track:

The Next Track function button is used to remotely control jumping to the next track for media players or sequencing software. Press the Next Track button once to jump to the next audio track.

### 8 Previous Track:

The Previous Track function button is used to remotely control jumping to the previous track for media players or sequencing software. Press the Previous Track button once to go back to the previous audio track.

## RECEIVER FEATURES

- 9 **Mute/Pause/Play:** Press and hold the Mute/Pause/Play button for 1.5 seconds to mute/un-mute audio. Press once to pause or play an audio track. This function will remotely control the media player or sequencing software functions.
- 10 **MIC:** Press the LINK / MIC button once to mute the Microphone. The Blue LED on the Receiver will turn ON when the MIC is on mute. Press the LINK / MIC button again to unmute the Microphone. The Blue LED on the Receiver will turn OFF when the MIC is off mute.

 Refer to the "Rx Button Functions" on page (52) for more details.



## RECEIVER FEATURES



### 11 Charging Port:




This is a mini USB connection to power up and charge the internal batteries. The Receiver can be charged using the supplied universal AC charger, via an instrument or computer USB port, or the optional AA battery power booster adapter.

### 12 Belt Clip:

The Transmitter can be attached to belts, shirts and pants' pockets. The compact and lightweight design is easy to wear without impeding body movement. The Transmitter can be attached to cameras, tripods and bipods using the included 1/4"-20 Hot Shoe flash adapter.

# Tx BUTTON FUNCTIONS

## Transmitter (Tx) Button Functions

Function	Button	Activation	Hold Time	LED Status
Power ON/OFF	② POWER	Press and Hold	2 sec	Solid Green
Pairing Mode	⑦ LINK	Press and Hold	3 sec	Fast Green Flashes
Volume UP/Down	④ ⑤ 	Click for Step, Press and hold for Auto	Click	
Mute ON/OFF	⑥ 	Press and Hold	1.5 sec	Solid Green and Blue
Lock Tx/Rx Key Pads	⑧ 	Press and Hold to Lock/Unlock Key Pad	2 sec	Solid Green Only / Solid Green & Blue Flashes
Stereo Mic-In Mode	⑨ MODE	Press and Hold	2 sec	Solid Green LED and Slow Blue LED Flashes
Mono Mic-In Mode	⑨ MODE	Press and Hold	2 sec	Solid Green LED and Fast Blue LED Flashes
Stereo Line-In Mode	⑨ MODE	Press and Hold	2 sec	Solid Green LED and Double Blue Flashes






## Transmitter (Tx) LED Indicator Chart

Function	LED Status
Searching For Receiver	③ Flashing Green
Linked to Receiver	③ Solid Green
Lock Mode	③ Solid Green Only
Low Battery	③ Solid Green & Flashing Red
Charging With Power OFF	③ Solid Red
Charging With Power ON	③ Solid Red & Green
Charging Complete	③ Red OFF



# Rx BUTTON FUNCTIONS

## Receiver (Rx) Button Functions

Function	Button	Activation	Hold Time	LED Status
Power ON/OFF	② POWER	Press and Hold	2 sec	Solid Green
Pairing Mode	⑥ LINK	Press and Hold	3 sec	Fast Green Flashes
MIC Mute On/Off	⑥ LINK/MIC	Click	Click	Two Blue LED Flashes / Solid Green LED
Volume UP/Down	④ ⑤ 	Click for Step, Press and Hold for Auto	Click	
Mute ON/OFF	⑨ 	Press and Hold	1.5 sec	Solid Green & Blue
Play/Pause	⑨ 	Click (In USB Mode)	Click	
Next Track	⑦ 	Click (In USB Mode)	Click	
Prev Track	⑧ 	Click (In USB Mode)	Click	

## Receiver (Rx) LED Indicator Chart

Function	LED Status
Searching For Transmitter	3 Flashing Green
Linked to Transmitter	3 Solid Green
Key Pad Lock	3 Solid Green (Activated by Tx)
Low Battery	3 Solid Green & Flashing Red
Charging With Power OFF	3 Solid Red
Charging With Power ON	3 Solid Red & Green
Charging Complete	3 Red OFF



# SYSTEM SPECIFICATIONS

## Wi AudioStream Pro EL Technical Specifications

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### Specifications

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Transmission Format:	2.4 GHz, 16-bit, 48kHz Digital Wireless
Frequency Response:	15Hz to 20kHz
Frequency Selection:	Auto select
S/N Ratio:	More than 90 dB (A-weighted) for stereo line-in mode More than 89 dB (A-weighted) for stereo and mono MIC mode
Distortion:	0.12 % THD
Connectors:	1/8" (3.5mm) TRS Stereo
Max Input Level:	1Vrms
Max Output Level:	1.2Vrms
Input Impedance:	3.3K ohm
Output Impedance:	< 10 ohm
Rechargeable Battery Life:	4~6 hours
Power Input:	5V DC, 500 mA

### Specifications

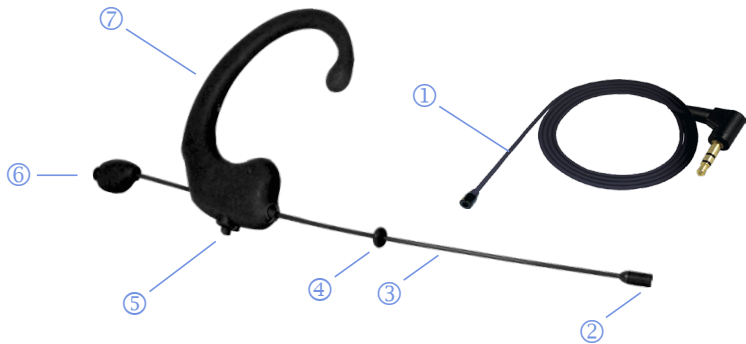
Battery Power Booster:	10~13 hours (With optional AA battery power booster adapter)
USB Bus Power:	Yes
Low Battery Alert:	15 minutes of life left
Power-up Modes:	Three (3) power-up modes (Stereo Line-In, Stereo Mic-In, Mono Mic-In)
Antenna:	Two internal antennas
Range:	Up to 100 ft (Range may be dependent on line of sight and may vary due to local conditions)
Units operating at the same time:	9
USB 2.0 Audio Interface:	Full Speed Two-Way USB 2.0 Wireless Audio Interface
Apple OS Support:	MAC OSX and iOS
Windows OS Support:	Win XP/VISTA/ Win 7/Win 8
Compatibility:	MAC, PC, iPad®, Windows Surface®
VoIP Capable:	Yes
802.11g/n Network Safe:	Yes
Transmitter Weight:	0.068 lbs (1.08 Oz) (30.8g)
Receiver Weight:	0.068 lbs (1.08 Oz) (30.8g)

## MICROPHONES FEATURES

- ① **Lavalier MIC:** Sure-Sound™ lavalier omnidirectional microphone.
- ② **Earset MIC:** Sure-Sound removable unidirectional microphone capsule.
- ③ **Boom:** Sure-Fit bendable boom design.
- ④ **Silicon Spacer:** Silicon cheek spacer.
- ⑤ **Boom Lock:** Adjusting the boom length, left and right ear placement boom configuration and keeping boom securely in place.
- ⑥ **Cable Port:** Simple-Twist detachable cable port.
- ⑦ **Ear Mount:** Sure-Fit advanced ergonomic Silicon ear mount.



## MICROPHONES FEATURES



## EARSET SPECIFICATIONS

### Wi Sure-Sound Earset Technical Specifications

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#### Unidirectional Capsule MIC & Mechanical Specifications

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Ear Mount:	Sure-Fit™ Ergonomic Silicon Ear Mount
Ear Placement:	Simple-Twist™ Left and Right Ear Placement
Boom Type:	Simple-Twist™ Bendable, Adjustable Length Boom with Locking Mechanism
Cable Type:	Simple-Twist™ Detachable Cables
Frequency Response:	50Hz to 15kHz
Operating Current:	Less than 500uA
Operating Voltage:	1.5V - 10V DC
Sensitivity:	-51dB+/-4dB/Pascal
Maximum SPL:	130 dB SPL max
Output Impedance:	1.5KΩ±30%
Capsule Type:	Simple-Twist™ Removable 3.5mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Cardioid (Unidirectional)

## Wi Sure-Sound Lavalier Technical Specifications

### Omnidirectional Capsule Lavalier Specifications

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Frequency Response:	20Hz to 20kHz
Operating Current:	Less than 500uA
Operating Voltage:	0.8V - 5V DC
Sensitivity:	-32dB+/-4dB/Pascal
Maximum SPL:	140 dB SPL max
Output Impedance:	2K $\Omega$ $\pm$ 30%
Capsule Type:	3.1mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Omnidirectional

## REGULATORY COMPLIANCE

### Regulatory Compliance Information

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#### FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

#### **CAUTION:**

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### **RF Exposure Warning**

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

## Disposal and Recycling Information

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### Correct Disposal

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This symbol indicates that your product must be disposed of properly according to local laws and regulations. When your product reaches its end of life, contact the retailer where the product was purchased or your local authorities to learn about recycling options. This product should not be mixed with other commercial waste for disposal.



# PRODUCT WARRANTY

## Product Warranty Terms

Wi Digital Systems warrants that the Wi AudioStream Pro EL is free from material defects and faulty workmanship for a period of twelve (12) months from the date of purchase. Wi Digital Systems will repair or replace, at its option, any Product that breaches this warranty during said period. This warranty does not cover and is void with respect to (1) Products which have been improperly installed, repaired, modified or altered; (2) Products which have been subject to abuse, misuse, physical damage, exposure to fire, water or excessive moisture or dampness; (3) Products on which the serial number has been removed, altered, or rendered illegible; (4) Products that are operated outside the limits of the technical specifications of the product.

Repair and/or replacement of the Wi Digital Systems product will be performed through Wi Digital Systems Return Material Authorization (RMA) procedure. The customer is required to contact Wi Digital Systems at [www.widigitalsystems.com](http://www.widigitalsystems.com) to obtain the approval and procedure for returning any product under warranty.

IN NO EVENT SHALL Wi DIGITAL SYSTEMS BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, DIRECT, INDIRECT, SPECIAL OR PUNITIVE DAMAGES WHICH ARISE IN ANY WAY OUT OF THE MANUFACTURE, SALE OR USE OF ITS PRODUCTS OR SERVICES. In the event that a court of competent jurisdiction determines that Wi Digital Systems is in breach of any warranty, the amount of recoverable damages shall be limited to the cost of the replacement of any Product found to be defective or nonconforming.

### Out of Warranty

Should your Wi AudioStream Pro EL not function properly after the warranty period has expired, please contact Wi Digital Systems Customer Care at [www.customercare@widigitalsystems.com](mailto:www.customercare@widigitalsystems.com)

### Limitations of Liability

Wi Digital Systems expressly assumes no responsibility for any error, omission, interruption, deletion, defect, delay in operation or transmission, communications failure, theft or destruction or unauthorized access to, or alteration of, any use of the Wi AudioStream Pro EL product. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL WI DIGITAL SYSTEMS OR ITS SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR: LOSS OF PROFITS OR REVENUES, LOSS OF CONFIDENTIAL OR OTHER INFORMATION, BUSINESS INTERRUPTION, PERSONAL INJURY, DEATH, LOSS OF PRIVACY, CORRUPTION OR LOSS OF DATA, FAILURES TO TRANSMIT OR RECEIVE AUDIO OR ANY OTHER PECUNIARY LOSS WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATED TO THE USE OF OR INABILITY TO USE THE DEVICE OR THE SUPPORT SERVICES OR OTHERWISE IN CONNECTION WITH ANY PROVISION OF THIS AGREEMENT, EVEN IF WI DIGITAL SYSTEMS OR ANY SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.



The Sound of Digital Wireless Innovation

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(Design and specifications subject to change without notice).