OWNER'S MANUAL

EVNO Wireless Systems

for Acoustic Instruments and Vocals

EVNO W1 True Diversity receiver

EVNO W2 dual channel receiver

EVNO Air compact receiver

EVNO AH wireless handheld microphone
EVNO A1 clip-on mic transmitter
EVNO A2 beltpack wireless transmitter
EVNO A4 1/4 inch jack (guitar, etc) transmitter

EVNO Limited Warranty

Congratulations on your purchase of an EVNO microphone! We are confident that our product will meet and exceed your expectations for high-quality audio performance. To ensure your satisfaction and peace of mind, we offer the following warranty:

1. Warranty period

The warranty period for your EVNO microphone is One (1) Year from the date of purchase. Please retain receipt for proof of purchase.

2. Coverage

This warranty covers defects in materials and workmanship under normal use during the warranty period. It does not cover damage caused by accident, misuse, abuse, neglect, or any unauthorized modifications. EVNO Microphone Systems warrants to the original purchaser that its microphones will be free from defects in materials and workmanship for a period of One (1) Year from the date of purchase (“Warranty Period”). This warranty is valid only for microphones purchased from authorized EVNO Microphone dealers, distributors, or directly from the Company.

3. What is covered

During the warranty period, EVNO Microphone Systems will repair or replace, at our discretion, any defective microphone or components that are deemed defective. If the product or a component is no longer available, we may replace it with a similar product of equal or greater value.

4. What is not covered

This warranty does not cover damage resulting from:

- Improper installation or maintenance.
- Cable damage due to being stepped on, closed in case, pinched, or cut.
- Damaged or crushed connectors.
- Damage to microphone element due to improper connection where phantom power is supplied directly to capsule. (Microphones must only be connected to either the PS95 power supply or a wireless transmitter.)

- Use outside of the specified environmental or operating conditions.
- Unauthorized repairs or modifications.
- Cosmetic damage that does not affect the functionality of the microphone.
- Return shipping for failure to properly change wireless channels or operate equipment.

5. Claim process

To make a warranty claim, please contact (email or phone) EVNO customer service, using the contact information provided at the end of this warranty, to obtain an RMA number. You may be required to provide proof of purchase, a description of the issue, and, if necessary, return the defective product.

After receiving the product, EVNO Microphones will test and diagnose the described issue and contact you to discuss the solution as well as issue any invoices via email for services that may be due.

6. Shipping costs

The customer is responsible for shipping costs associated with returning the product to EVNO Microphone Systems for warranty service. This includes shipping fees, customs duties, taxes, and any other related charges. If it is determined that a repair or replacement falls under warranty, EVNO Microphones will cover the cost of shipping the repaired or replaced product back to the customer in the USA. If no warranty work is performed, and the product is deemed up to specs, the customer will be responsible for the cost of return shipping. (An example of such a case would be a customer's inability to operate the system correctly.)

Customers outside of the USA: Return shipping to destinations outside of original country of purchase will be handled on a case-by-case basis. However, the customer remains responsible for any applicable additional customs duties, taxes, or charges associated with the return shipment. If purchase was made through a distributor, we regularly ship to our key distributors and returns can often be sent with these regular shipments to avoid single shipment fees. Customers must accurately complete all required customs declarations when shipping products for warranty service. Failure to provide accurate information may result in delays and additional costs.

Shipping instructions. Customers seeking warranty service must follow the shipping instructions provided by EVNO Microphone Systems Customer Service Department. This includes obtaining a Return Merchandise Authorization (RMA) number and shipping the product to the specified address. Refer to "5. Claim process" above.

7. Limitation of liability

EVNO Microphone Systems is not liable for any indirect, consequential, incidental, or punitive damages arising from the use or inability to use the microphone as instructed, including but not limited to lost business or profits.

8. No other warranties

This warranty is the sole and exclusive warranty for EVNO Microphone Systems. No other warranties, expressed or implied, are provided.

EVNO Microphone Systems reserves the right to update or modify this warranty policy without notice. Please visit our website or contact customer service for the most up-to-date information.

Thank you for choosing an EVNO Microphone. We appreciate your trust in our products, and we are dedicated to providing you with a superior audio experience.

Sincerely,

EVNO Microphone Systems

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ron@evnomicrophones.com

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www.evnomicrophones.com

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EVNO Wireless Receivers

Receiver models

EVNO W1

Professional True Diversity wireless system with two independent antenna circuits for maximum range and stability. Complete with XLR and 1/4 inch outputs; rack-mount kit included.

EVNO W2

Dual channel professional wireless system for simultaneous operation of two instruments, two vocals, or a combination of the two. Complete with two independent XLR outputs, one for each microphone / transmitter; and a 1/4 inch output that mirrors side A for adapter-less connections to 1/4 inch inputs such as pedal boards.

EVNO Air

Compact yet powerful professional wireless system, perfect for travel. Complete with 1/4 inch output ideal for microphone inputs and D.I. boxes.

All EVNO receiver systems are compatible with all EVNO transmitters.

Receiver system components

EVNO W1 and EVNO W2 components

True Diversity receiver (**EVNO W1** only) or
Dual channel receiver (**EVNO W2** only)

Rack mount kit

2 BNC antennas

Power supply

User guide

EVNO A1 wireless clip-on instrument microphone transmitter
(also compatible with any other EVNO transmitter)

EVNO Air components

Air compact receiver

1/4 inch (6.35 mm) audio cable

Power adaptor

User guide

Rugged aluminum carrying case

EVNO A1 wireless clip-on instrument microphone transmitter
(also compatible with any other EVNO transmitter)

Receiver system features

EVNO W1, EVNO W2, and EVNO Air features

UHF 600-952 MHz frequency range (region dependent)

True Diversity antenna system for maximum range and dropout protection (**EVNO W1** only)

Dual channel capability for two instruments, two vocals, or one instrument and one vocal (**EVNO W2** only)

PLL synthesized circuit

Up to 100 (10 groups x 10 channels per group) pre-set selectable frequencies (bandwidth and region dependent)

IR sync downloads frequency from receiver to transmitter

Supports four RF power settings with **EVNO AH** handheld microphone or **EVNO A2** beltpack transmitter (**EVNO W2** only)

LCD display shows frequency, AF and RF signal, etc.

EIA standard 1/2U rack-mountable metal chassis (**EVNO W1** and **EVNO W2** only)

Line-of-sight operating range:
- Up to 500 feet / 150 m (**EVNO W1**)
- Up to 300 feet / 100 m (**EVNO W2**)
- Up to 250 feet / 80 m (**EVNO Air**)

Receiver powered by DC 9V adapter or 2 AA batteries (**EVNO Air** only)

Compatible with any EVNO transmitter, including:
- **EVNO AH** wireless handheld vocal microphone
- **EVNO A1** wireless clip-on instrument microphone transmitter
- **EVNO A2** body-pack transmitter
- **EVNO A4** 1/4 inch plug guitar (etc.) transmitter

Receiver controls and operation

EVNO W1 and EVNO W2 receivers

Front Panel

1 **Power switch** (**EVNO W1** only)
Tap to turn on; hold down to turn off. Blue light indicates power is on.

2 **LCD display**
The 2.5 x 0.85 inch (63 mm x 22 mm) high-resolution LCD display shows the group, channel, frequency, antenna status, AF and RF level, and IR settings.

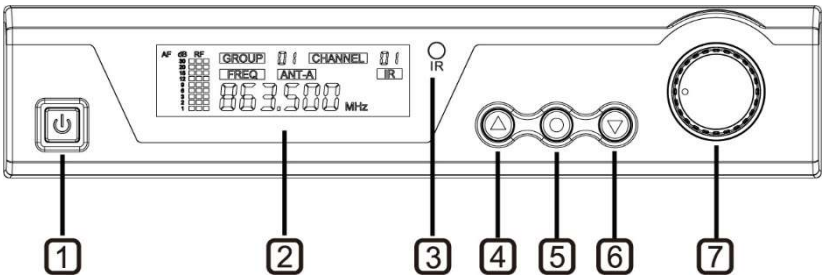
3 **IR (Infrared) port**
Sends IR signal to transmitter for frequency synchronization.

4 **UP button** (▲)
Adjusts the frequency, channel, or group incrementally.

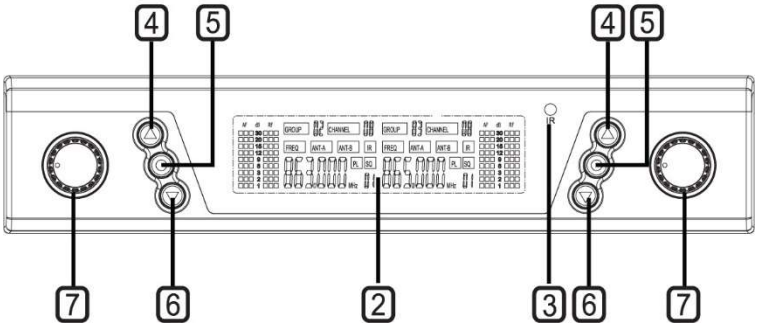
5 **MENU / SET button** (●)
Menu control to set group, channel, frequency, IR sync.

6 **DOWN button** (▼)
Adjusts the frequency, channel, or group incrementally.

7 **Volume control**
Adjusts the volume level. Volume knob outlined by blue light.



***EVNO W1** front panel*



***EVNO W2** front panel*

Back Panel

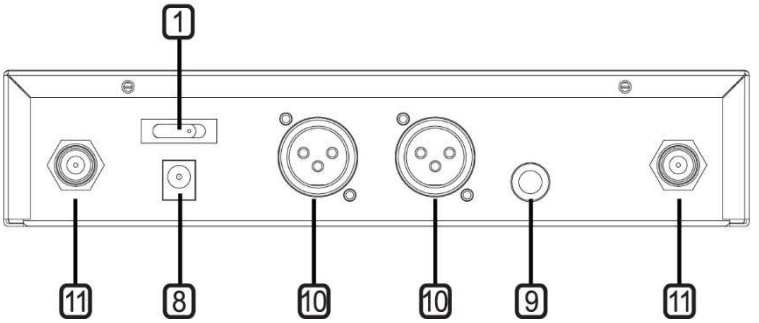
1 **Power switch** (**EVNO W2** only)
Use switch located on rear panel to turn power on and off. Blue light on front panel indicates when power is on.

8 **Power supply jack**
(**EVNO W1:** DC 12–18 V / 500 mA; **EVNO W2:** DC 12–18 V / 1000 mA)
Connects to power supply unit.

9 **1/4 inch (6.35 mm) unbalanced output jack**
Connect the unbalanced output to mixer. For best results, use a mic input channel with gain control.

10 **Balanced XLR output jack**
Connect to mic input of mixer.

11 **BNC antenna sockets**



***EVNO W2** back panel*

EVNO Air receiver

Front and top panels

1 **Power switch**
Press to turn on; press and hold to turn off.

2 **LCD display**
The 2.5 x 0.85 inch (63 mm x 22 mm) high-resolution LCD display shows the group, channel, frequency, antenna status, AF and RF level, and IR settings.

3 **IR (Infrared) port**
Sends IR signal to transmitter for frequency synchronization.

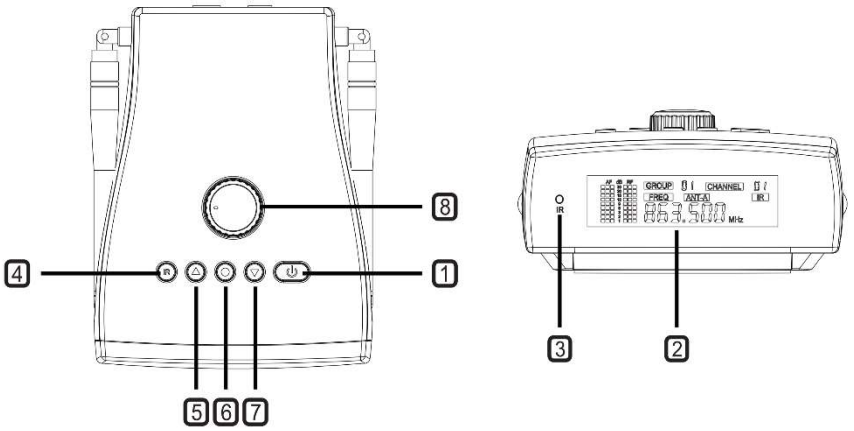
4 **IR button**
Press and hold to sync frequencies using IR.

5 **UP button** (▲)
Adjusts the frequency, channel, or group incrementally.

6 **MENU / SET button** (●)
Menu control to set group, channel, frequency, IR sync.

7 **DOWN button** (▼)
Adjusts the frequency, channel, or group incrementally.

8 **Volume control**
Adjusts the volume level. Volume knob outlined by blue light.



***EVNO Air** top (left) and front panels*

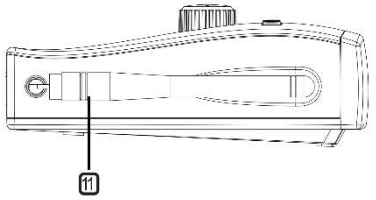
Side, back, and bottom panels

9 **Power supply jack** (DC 9 V / 200 mA)
Connects to power supply unit.

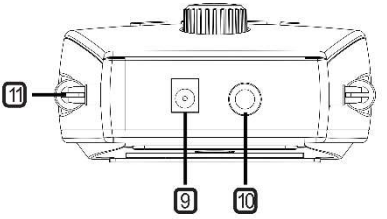
10 **Unbalanced 1/4 inch output jack**

11 **Antennas**
Raise for use; lower for storage and transport.

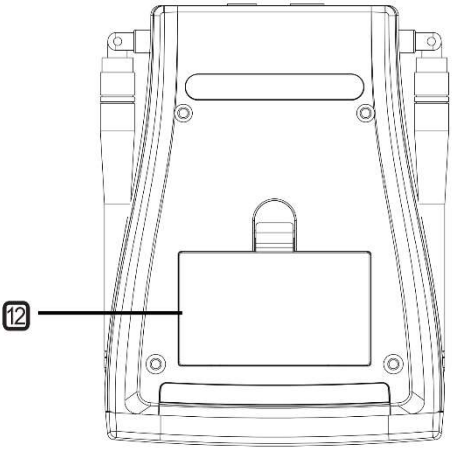
12 **Battery compartment**
Use two AA batteries when not using power supply.



***EVNO Air** side panel*



***EVNO Air** back panel*



***EVNO Air** bottom panel*

Receiver setup

EVNO W1 and W2 setup

1. **Power on**
   Connect the included AC power supply to the rear of the receiver and turn on the receiver.

2. **Set frequency (group and channel)**

   Note: Setting the frequency on a receiver generally is only required when dealing with interference issues or when using multiple EVNO wireless systems at the same time. Of course, you can choose to change the frequency any other time desired, such as when first setting up the receiver.

   Available frequencies vary according to region (e.g. USA / Canada, Europe) and are organized into 10 groups of up to 10 channels per group, although in some regions some groups may have fewer channels. Frequency selection is accomplished by first selecting a group, then a channel within that group.

   Press the MENU / SET (middle, ●) button and the Group icon flashes. This provides access to the group setting. Use the UP (▲) and DOWN (▼) buttons to set the desired group.

   Press MENU / SET again and the Channel icon should flash. Use the UP and DOWN buttons to set the desired channel. Press MENU / SET again to confirm.

   Note: The display automatically returns to standard operating mode after a short period of inactivity. If this happens while you are still trying to set the frequency, simply press the MENU / SET button again to restart the process. Press MENU / SET again to cycle among different settings.

   W2 receiver note: If you are using both sides of the W2 receiver you will need to set frequencies separately for each side. Be sure to set each side to use a different channel, choosing frequencies as far apart as possible to avoid crosstalk. For more information, refer to “Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time” on page 17.

3. **Sync transmitter frequency to receiver frequency using IR**
   The transmitter and receiver need to be synchronized to the same frequency (group and channel) before use. With the desired group and channel already set on the receiver, press and hold the MENU / SET button until IR activates and “F” flashes on the display, indicating that the receiver

is sending a signal to the transmitter. Place the transmitter's IR port / window close to (within a few inches) and facing the receiver's IR port, and turn on the transmitter while the receiver continues to flash "F". After a successful sync, a blue LED on the transmitter will flash, and the RF signal and Antenna icons will appear on the receiver display. If the receiver display does not show RF bars, repeat the process.

W2 receiver note: If you are using both sides of the W2 receiver you will need to go through this process separately with each side's transmitter.

Note: If syncing in an environment with other EVNO wireless systems, turn off the other systems when syncing, and be sure to set each system to a different channel to avoid any potential crosstalk between systems. Refer to "Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time" on page 17.

4. **RF power adjustment** (**EVNO W2** only)
   The AH (handheld) and A2 (beltpack) transmitters include an adjustable RF power function used to set their signal strength. To access it, press the **EVNO W2**'s MENU / SET button three times to access the PO function, then use the UP and DOWN buttons to set the desired level, 1 (weakest) through 4 (strongest).

Note: It's recommended that you use the lowest RF power setting that provides satisfactory performance. Higher levels will drain transmitter batteries faster and are more likely to interfere with other wireless devices.

EVNO Air setup

1. **Power On**
   Connect the included AC power supply to the rear of the receiver. Alternatively, you can put two AA batteries in the receiver instead.

Note: Battery life with new batteries in the receiver is typically three to four hours of continuous use. Use of the power supply is always recommended when AC power is available.

   Turn on the receiver.

2. **Set frequency (group and channel)**

Note: Setting the frequency generally is only required when dealing with interference issues or when using multiple EVNO wireless systems at the same time. Of course, you can choose to change the frequency any other time desired, such as when first setting up the receiver.

Available frequencies vary according to region (e.g. USA / Canada, Europe) and are organized into 10 groups of up to 10 channels per group, although in some regions some groups may have fewer channels. Frequency selection is accomplished by first selecting a group, then a channel within that group.

Press the MENU / SET (middle, ●) button and the Group icon flashes. This provides access to the group setting. Use the UP (▲) and DOWN (▼) buttons to set the desired group.

Press MENU / SET again and the Channel icon should flash. Use the UP and DOWN buttons to set the desired channel. Press MENU / SET again to confirm.

Note: The display automatically returns to standard operating mode after a short period of inactivity. If this happens while you are still trying to set the frequency, simply press the MENU / SET button again to restart the process. Press MENU / SET again to cycle among different settings.

Note: If using in an environment with other EVNO wireless systems, be sure refer to “Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time” on page 17.

3. **Sync transmitter frequency to receiver frequency using IR**
The transmitter and receiver need to be synchronized to the same frequency (group and channel) before use. After setting the group and channel on the receiver, press the IR button. The display will flash “F” and the receiver will send the frequency setting over IR. Place the transmitter’s IR port close to (within a few inches) and facing the receiver’s IR port, and turn on the transmitter while the receiver continues to flash a “F”. After a successful sync, a blue LED on the transmitter will flash, and the RF signal and Antenna icons appear on the receiver display. If the receiver does not show RF bars, repeat the process.

Note: If syncing in an environment with other EVNO wireless systems, turn off the other systems when syncing, and be sure to set each system to a different channel to avoid any potential crosstalk between systems. Refer to “Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time” on page 17.

Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time

For best results when using multiple EVNO wireless systems concurrently:

- Turn off other wireless systems when syncing.

- Set each system to a different channel to avoid any potential crosstalk between systems.
- Use frequencies as far apart as possible, and try to distribute channels used more-or-less evenly over the available frequency spectrum. For example, with two wireless systems, you might set one at 902 MHz and the other at 928 MHz (assuming North American frequencies). If you add a third system, you might set it around 914 MHz. With four systems, you might set them to use 902 MHz, 911 MHz, 920 MHz, and 928 MHz. It is often easier in these situations to refer to frequencies rather than groups and channels; find them in the Frequency list on page 33.

Receiver system reset

In cases of a circuit glitch or inability to sync, a receiver system reset may be required.

NOTE: Resetting your system will result in the loss of custom frequency (group and channel) settings, changing them back to the receiver's default. After this happens, you will need to either restore your receiver's custom group and channel settings, or resync your transmitter(s) to the new (default) settings.

- To retain previous settings after a reset, write down your group and channel settings before performing the reset. After the reset is complete, restore those settings on the receiver.
- Alternatively, resync your transmitter(s) to the receiver after the reset to set the transmitter channel to match the new channel from the receiver. This is the recommended option after a system reset.

TIP: You can confirm a successful system reset if the frequency is reset to the default value of 902 MHz in North America or 823 MHz in Europe. If your frequency is already set to the default value, you may wish to change it before the reset. This will allow you to confirm the system successfully resets by verifying that the frequency has been returned to the (region-dependent) default value.

EVNO W1 and EVNO Air reset

Review the information above under "Receiver system reset" before resetting your system.

1. Unplug the receiver's power cord.

   If you are resetting an **EVNO Air**, also remove the batteries.

2. Press and hold down the power button on the receiver. While holding it down, plug the power cord back in. Continue to hold down the power button for at least 5 seconds. The system will reset.

3. After the receiver restarts, check the frequency. It should be 902 MHz if you're in North America, or 823 MHz in Europe. If it's not one of these values, the system did not reset and you should repeat this procedure.

4. As described under "Receiver system reset" restore the reset frequency setting noted before the reset, or resync your transmitter to the newly set channel on the receiver.

EVNO W2 reset

Review the information above under “Receiver system reset” before resetting your system.

1. Unplug the receiver’s power cord.
2. Turn the power switch on the back of the receiver to ON.
3. Press and hold down the A channel UP button (top left button on the front of the receiver). While holding it down, plug the power cord back in. Continue to hold down the UP button for at least 5 seconds. The system will reset.

   Note that both sides of the **EVNO W2** receiver will reset.
4. After the receiver restarts, check the frequency. It should be 902 MHz if you’re in North America, or 823 MHz in Europe. If it’s not one of these values, the system did not reset and you should repeat this procedure.
5. As described under “Receiver system reset” on page 19, restore the reset frequency setting noted before the reset, or resync your transmitter to the newly set channel on the receiver.

EVNO Wireless Transmitters

Transmitter models

EVNO AH

Wireless handheld vocal microphone.

EVNO A1

Clip-on mic transmitter. Beltpack-less wireless operation for EVNO microphone systems.

EVNO A2

Optional beltpack wireless transmitter for instruments such as flute where a smaller clip-on device is desired or when a volume control is needed.

EVNO A4

Optional transmitter with 1/4 inch jack for instruments such as guitar, bass, or EWI to use EVNO wireless systems.

All EVNO transmitters are compatible with all EVNO receiver systems.

Transmitter controls and operation

EVNO AH guide

1 **Microphone head with cartridge inside**

2 **Aluminum body**

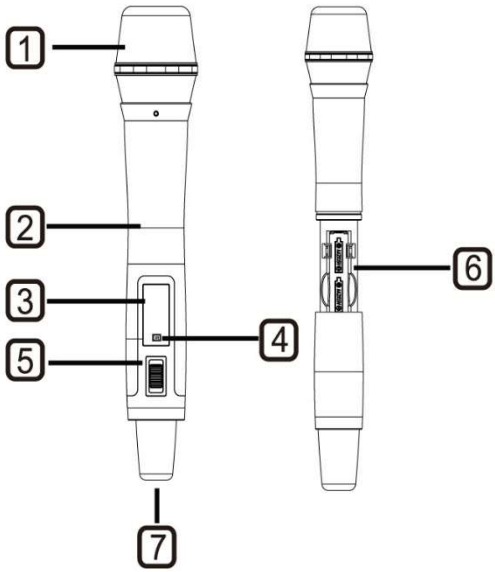
3 **Backlit LCD**
Displays group, channel, frequency, and remaining battery.

4 **IR infrared port**
Use to sync frequency with receiver. When syncing, hold the transmitter with this IR port facing directly towards the receiver's IR port, at a distance of 2–8 inches / 5–20 cm.

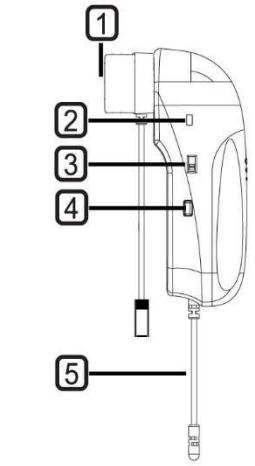
> **Note:** When using multiple EVNO wireless systems, only sync one system at a time, and keep the frequency / channel selection as far apart as possible in order to avoid interference and crosstalk among systems. Refer to "Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time" on page 17 for information.

5 **ON / OFF / Mute switch**
Three position switch: Slide up to turn on; down to turn off; middle position to mute.

6 **Battery compartment**
To replace batteries, unscrew the battery cover**.** Be sure to orient batteries according to the markings in the battery compartment.



EVNO A1 guide



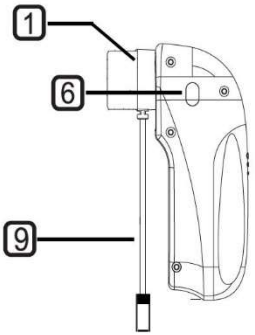
1 Clip
The **EVNO A1** clip attaches to the body of EVNO microphones.

Note: When placing the clip on an EVNO microphone, gently rock the corner of the A1 clip onto the body of the microphone. Do not snap it on squarely, as this may over-flex the clip. Rocking the clip onto the body will avoid cracking the clip.

2 Battery / Power indicator
Blue LED remains lit as long as the transmitter has power. If the blue LED is flashing, the battery needs to be replaced immediately.

3 Mute button

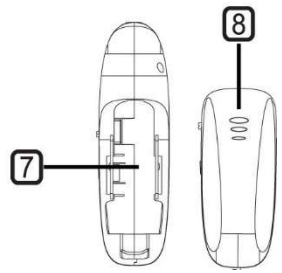
4 Power switch
Tap to turn on, long press (2 seconds) to turn off.



5 Antenna
To avoid damage, do not crimp or fold the antenna.

6 IR infrared port
Use to sync frequency with receiver. When syncing, hold the transmitter with this IR port facing directly towards the receiver's IR port, at a distance of 2–8 inches / 5–20 cm.

Note: When using multiple EVNO wireless systems, only sync one system at a time, and keep the frequency / channel selection as far apart as possible in order to avoid interference and crosstalk among systems. Refer to "Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time" on page 17 for information.

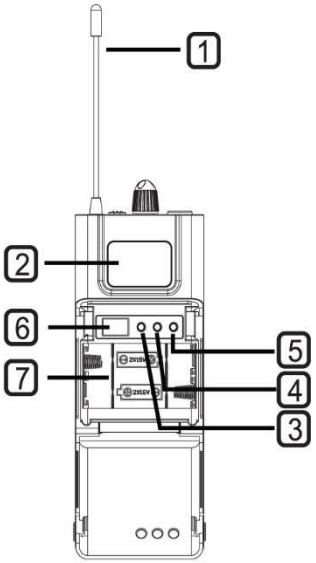


7 **Battery compartment**
Insert a standard AA alkaline battery here. Be sure to orient the battery as indicated by the markings in the battery compartment.

8 **Battery cover**
Slide cover off to remove.

9 **Cable**
Cable with TA3 connector to connect to EVNO microphones. Align the release button and external contact with the corresponding slot the connector.

EVNO A2 guide



1 **Antenna**

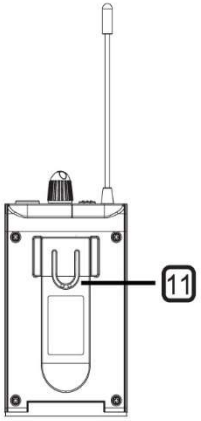
2 **Backlit LCD**
Displays frequency and remaining battery. If the battery symbol is flashing, the battery needs to be replaced immediately.

3 **UP button**
Use to adjust the frequency incrementally.

4 **SET button**
Menu control to set frequency

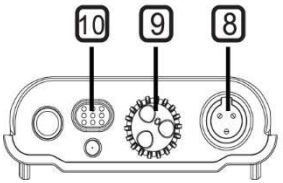
5 **DOWN button**
Use to adjust the frequency incrementally.

6 **IR infrared port**
Use to sync frequency with receiver. When syncing, hold the transmitter with this IR port facing directly towards the receiver's IR port, at a distance of 2–8 inches / 5–20 cm.



Note: When using multiple EVNO wireless systems, only sync one system at a time, and keep the frequency / channel selection as far apart as possible in order to avoid interference and crosstalk among systems. Refer to "Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time" on page 17 for information.

7 **Battery compartment**
To replace batteries, slightly press the marked positions on left and right side of the cover and open the hinged cover. Be sure to orient batteries according to the markings in the battery compartment.



8 **Input**
4-pin mini XLR input from EVNO microphone. Using the provided 3-pin mini XLR to 4-pin mini XLR cable, connect the

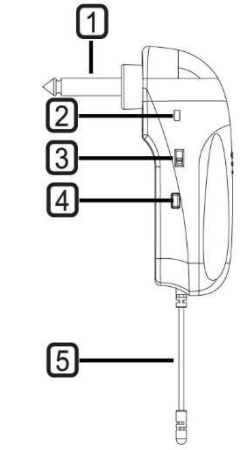
3-pin end to the EVNO microphone and the 4-pin end to the beltpack, aligning the release button and external contact with the corresponding slot the connector.

9 **Volume control**
Turn clockwise to increase volume, counter-clockwise to reduce volume.

10 **Power switch**
Tap to turn on, long press (2 seconds) to turn off.

11 **Belt-clip**
Clip to belt, jacket pocket, or music stand as desired.

EVNO A4 guide



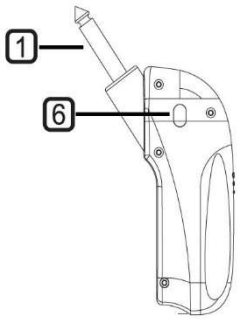
1 1/4 inch plug
Insert this standard 1/4 inch plug into your electric musical instrument. Note that the plug angle can be configured for all 1/4 inch (6.35 mm) jack instruments, such as guitar, bass, electric violin, EWI, etc.

2 Battery / Power indicator
Blue LED remains lit as long as the transmitter has power. If the blue LED is flashing, the battery needs to be replaced immediately.

3 Mute button

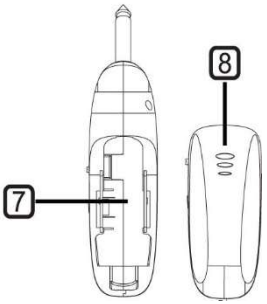
4 Power switch
Tap to turn on, long press (2 sec.) to turn off.

5 Antenna
To avoid damage, do not crimp or fold the antenna.



6 IR infrared port
Use to sync frequency with receiver. When syncing, hold the transmitter with this IR port facing directly towards the receiver's IR port, at a distance of 5–20 cm / 2–8 inches.

Note: When using multiple EVNO wireless systems, only sync one system at a time, and keep the frequency / channel selection as far apart as possible in order to avoid interference and crosstalk among systems. Refer to "Using multiple EVNO wireless systems (including both sides of an EVNO W2) at the same time" on page 17 for information.



7 Battery compartment
Insert a standard AA alkaline battery here. Be sure to orient battery according to the markings in the battery compartment.

8 Battery cover
Slide cover off to remove.

Specifications

Receiver specifications

W1, W2, and Air specifications

Frequency preparation	PLL synthesized control
Frequency range	600–952 MHz (region dependent)
Frequency type	F3E
Modulation type	FM
Channels	Up to 100 (10x10), region dependent
Oscillation system	VCO
Type of reception	True diversity (**W1** only) Antenna diversity (**Air** and **W2** only)
Receive sensitivity	-110 dBm (sinad ≥30dB)
Frequency response	60 Hz – 17 KHz +/-3dB
S/N ratio	≥105 dB (-60 dBm)
T.H.D	<0.5% at 1 KHz
Dynamic range	>100 dB
Operating temperature	15° – 120° F (-10° – +50° C)
Display	Backlit LCD (2.5 x 0.85 in. / 63 x 22 mm)
Audio output	One balanced XLR socket (**W1** only) Two balanced XLR sockets (**W2** only) One 1/4 inch / 6.35 mm jack (**W1, W2** and **Air**)
Antenna	2 BNC (**W1** and W2 only) 2 pieces attached (**Air** only)
Power supply	DC 12V–18V / 500 mA (**W1** only) DC 12V–18V / 1000 mA (**W2** only) DC 9V / 200 mA (**Air** only)
Dimensions (**W1** and **W2** only)	8.25 x 6.7 x 1.75 in. / 210 x 170 x 44 mm
Dimensions (**Air** only)	4 x 5.2 x 1.4 in. / 100 x 130 x 35 mm

Transmitter specifications

EVNO AH specifications

Frequency Preparation	PLL Synthesized Control
Frequency Range	600–952 MHz (Region dependent)
Frequency Deviation	±48 KHz
Microphone Type	Dynamic
Polar Pattern	Cardioid
RF Output Power	10 mW
Controls	ON / MUTE / OFF
Indicators	Backlit LCD
Interface	Infrared
Power Supply	Two AA batteries
Operating Voltage	3V
Operating time	10 hours (depending on batteries)
Length	10.4 in. / 265 mm

EVNO A1 specifications

Frequency Preparation	PLL synthesized control
Frequency Range	600–952MHz (region dependent)
Microphone Type	Condenser
Frequency Deviation	±48 KHz
RF Output Power	10 mW
Controls	ON / OFF, MUTE
Indicators	LED (PO/BATT)
Interface	Infrared
Antenna	1/4 wave length wire type
Power Supply	One AA battery
Operating Voltage	1.2–1.5V
Operating time	12–14 hours (depending on battery)
Dimensions	4.5 x 1 x 2.5 in. / 115 x 25 x 62 mm

EVNO A2 specifications

Frequency Preparation	PLL Synthesized Control
Frequency Range	600–952 MHz (region dependent)
Frequency Deviation	±48 KHz
Input	4 pin mini-XLR
RF Output Power	10 mW
Controls	Power ON / OFF, Volume, SET frequency
Indicators	LED (PO), LCD (BATT, frequency)
Interface	Infrared
Antenna	1/4 wave length wire type
Power Supply	Two AA batteries
Operating Voltage	3V
Operating time	10 hours (depending on batteries)
Dimensions	4.3 x 2.5 x 0.8 in. / 110 x 63 x 21 mm

EVNO A4 specifications

Frequency Preparation	PLL Synthesized Control
Frequency Range	600–952MHz (Region dependent)
Frequency Deviation	±48 KHz
RF Output Power	10 mW
Controls	ON / OFF, MUTE
Indicators	LED (PO/BATT)
Interface	Infrared
Antenna	1/4 wave length wire type
Power Supply	One AA battery
Operating Voltage	1.2–1.5V
Operating time	12–14 hours (depending on battery)
Dimensions	4.5 x 1 x 2.5 in. / 115 x 25 x 62 mm

Frequency list

USA and Canada (902–928 MHz)

100 channels in 10 groups of 10 channels each

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
1	902.000	904.500	907.000	909.500	912.000
2	902.250	904.750	907.250	909.750	912.250
3	902.500	905.000	907.500	910.000	912.500
4	902.750	906.250	907.750	910.250	912.750
5	903.000	905.500	908.000	910.500	913.000
6	903.250	905.750	908.250	910.750	913.250
7	903.500	906.000	908.500	911.000	913.500
8	903.750	906.250	908.750	911.250	913.750
9	904.000	906.500	909.000	911.500	914.000
10	904.250	906.750	909.250	911.750	914.250

Channel	Group 6	Group 7	Group 8	Group 9	Group 10
1	914.500	917.000	919.500	922.000	924.500
2	914.750	917.250	919.750	922.250	924.750
3	915.000	917.500	920.000	922.500	925.000
4	915.250	917.750	920.250	922.750	925.250
5	915.500	918.000	920.500	923.000	925.500
6	915.750	918.250	920.750	923.250	925.750
7	916.000	918.500	921.000	923.500	926.000
8	916.250	918.750	921.250	923.750	926.250
9	916.500	919.000	921.500	924.000	926.500
10	916.750	919.250	921 750	924.250	926 750

Europe (823–832 MHz)

70 channels in 10 groups of 7 channels each

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
1	827.025	827.900	827.375	827 825	827 100
2	828.575	826.575	828.475	826.475	828.450
3	825.925	828.850	825.900	828.775	826.150
4	829.550	824.825	824.950	830.250	824.575
5	830.950	830.300	830.150	824.700	830.475
6	824.200	823.625	831.375	831.325	823.475
7	827.975	831.375	823.600	823.500	831.700

Channel	Group 6	Group 7	Group 8	Group 9	Group 10
1	827.950	827.075	827.450	827.100	826 800
2	826.575	825.825	826.250	828.575	828.225
3	828.900	829.250	829.525	826.100	825 825
4	824.750	830.650	824.725	830.525	830.100
5	830.400	824.275	830.475	824.475	824.225
6	823.550	831.650	823.650	823.350	831.400
7	831.475	823.150	831.825	831.825	823.125

Other regions (863–865 MHz)

30 channels in 3 groups of 10 channels each

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
1	863.125	863.175	863.150	863.125	863.125
2	864.400	864.425	864.425	863.625	863.850
3	864.800	864.825	864.825	864.475	864.800

Channel	Group 6	Group 7	Group 8	Group 9	Group
1	863.175	863.200	863.125	863.175	863.200
2	864.450	864.475	863.825	863.875	864.450
3	864.850	864.875	864.775	864.825	864.850

Other regions (606–626 MHz)

100 channels in 10 groups of 10 channels each

Channel	Group 1	Group 2	Group 3	Group 4	Group 5
1	606.800	608.800	610.800	612.800	614.800
2	607.000	609.000	611.000	613.000	615.000
3	607.200	609 200	611 200	613.200	615.200
4	607.400	609.400	611.400	613.400	615.400
5	607.600	609.600	611.600	613.600	615.600
6	607.800	609.800	611.800	613.800	615.800
7	608.000	610.000	612.000	614.000	616.000
8	608.200	610.200	612.200	614.200	616.200
9	608.400	610.400	612.400	614.400	616.400
10	608.600	610.600	612 600	614.600	616.600

Channel	Group 6	Group 7	Group 8	Group 9	Group 10
1	616.800	618.800	620.800	622.800	624.800
2	617.000	619.000	621.000	623.000	625.000
3	617.200	619.200	621 200	623.200	625.200
4	617.400	619.400	621.400	623.400	625.400
5	617.600	619.600	621.600	623.600	625.600
6	617.800	619.800	621.800	623.800	625.800
7	618.000	620.000	622.000	624.000	626.000
8	618.200	620.200	622.200	624.200	626.200
9	618.400	620.400	622.400	624.400	626.400
10	618.600	620.600	622.600	624.600	626.600