



# **AIRMICSOLO** x **AIRMICDUO**

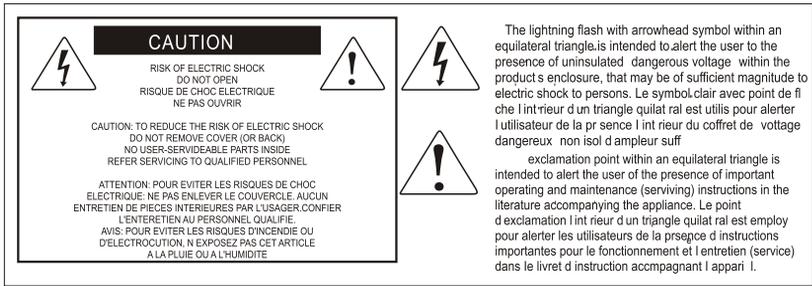
Professional wireless microphone system  
**Affordable Excellence in Audio Engineering**

Everything you need to make pristine wireless recordings and broadcasts at super-fast transmission speeds. Packed with features, this beautifully compact design offers high audio quality, rock steady reliability and puts YOU in control.

As always with iCON, this strikingly sleek and ergonomic design represents affordable excellence, so open the door to exceptional audio for all your future presentations and videos!



User manual



## ***Important Safety Instructions***

1. Read this manual thoroughly before using this unit.
2. Keep this manual for future reference.
3. Take notice of and comply with all warnings included in the user's manual or indicated on the appliance.
4. Follow all instructions included in this manual.
5. Do not expose this unit to rain or moisture. Avoid having water or other liquids spilled on this unit.
6. When cleaning the cabinet or other parts of this appliance, use only a dry or slightly damp soft cloth.
7. Do not block any ventilation openings or interfere with the proper ventilation of this unit. Install in accordance with the manufacturer's instructions.
8. Do not use or store near any heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
9. To avoid the risk of electrical shock, do not touch any exposed wiring while the unit is in operation.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this unit and all connected electrical equipment during lightning storms or when left unused for a long period of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way or fails to operate normally.

**WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture**

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# Introduction

Congratulations on your purchase of the ICON Pro Audio AirMic professional wireless microphone system!

The AirMic professional wireless microphone system comes as two separate sets;

AirMic Solo: 1 x Receiver and 1x Transmitter

AirMic Duo: 1 x Receiver and 2x Transmitters

In these pages, you'll find a detailed description of the features of the AirMic professional wireless microphone system, as well as a guided tour through its top, front and rear panels, step-by-step instructions for setup and use along with a full list of specifications.

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event that the product is returned for servicing, the original packaging (or reasonable equivalent) is required.

With proper care and adequate air circulation, your AirMic professional wireless microphone system will operate flawlessly for many years to come.

We trust that this product will provide years of excellent service and in the unlikely event that your product does not perform to the highest standard, every effort will be made to address the issue.

## What's in the package?

- AirMic receiver
- AirMic transmitter (x2 with AirMic Duo)
- Windscreen
- Rechargeable lithium ion batteries (internal)
- USB C x 2 to USB 2.00 Y cable for convenient charging (two units at the same time)
- Included clip (affixed to the receiver/transmitter/s)



transmitter



receiver



# ***Register your ICON Pro Audio product to your personal account***

## **1. Check the serial number of your device**

Please go to [http:// iconproaudio.com/registration](http://iconproaudio.com/registration) or scan the QR code below.



Input your device's serial number and the other information on the screen. Click "Submit".

A message will pop up showing your device information such as model name and its serial number - Click "Register this device to my account". If you see any other message, please contact our after-sales service team

## **2. Log in to your personal account page for existing users or sign up as a new user**

Existing users: Please log into your personal user page by inputting your user name and password.

New users: Please click "Sign Up" and fill in all the information.

## **3. Download all useful materials**

All your registered devices under your account will show on the page. Each product will be listed along with all its available files such as drivers, firmware, the user manual in different languages and bundled software etc. for download.

# Features Pt.1

The AirMic is a compact wireless microphone system that delivers pristine audio every time. Robust and intelligently designed, the AirMic comes packed with features that will ensure smooth operation and reliability for all your projects.

There are two versions of this product; AirMic Solo and AirMic Duo. It couldn't be simpler to explain the differences between them! AirMic Solo comes with one transmitter and AirMic Duo comes with two transmitters! Both come with one receiver.

The stylish, sleek design features an easy-to-use LCD display on both receiver and transmitter units. Each adjustable parameter is displayed clearly. Mic input level is not only reflected on the transmitter unit, but also on the receiver units so teams can be sure of any changes made. This is also true of the battery life status of the transmitter, (i.e. it is also displayed on the receiver). This is to maximize information received for the person operating the receiver, (often the camera person).

The AirMic's high-quality omnidirectional condenser microphone, built into the transmitter, provides excellent results with 110dB of SPL (sound pressure level - the amount of 'noise' a microphone can take before 'clipping' (distortion)). This exceeds the capacity of some well-known rival products of a similar nature by a sizable 10dB.

Coupled with the extremely effective windscreen provided, which has been extensively tested by iCON engineers, even windy weather won't be able to stop you! You can, of course, choose to plug in an external microphone via the 3.5mm input on the Transmitter.

The AirMic features 2.4 GHz digital transmission for crystal-clear recording with a range of 50 meters in an empty space and 20 meters or less in an environment with physical obstacles.

A super reliable, built-in rechargeable lithium-ion battery means up to 6 hours battery life, so you know the AirMic won't let you down!

A quick, simple pairing procedure gets you up and running quickly and when you're packing up your resources at the end of the day, all the constituent elements of the AirMic fit neatly into the supplied storage/travel pouch, ready for another day!

The AirMic can be used with iPhones, iPads and Android devices with the appropriate adapter, as well as a host of digital cameras.

Now, it's time to open the door to vastly improved audio for your projects! Let's begin!

## **Features Pt.2**

- Modern, attractive & compact design
- Extremely easy to use
- 2.4GHz proprietary encryption technology for ultra-low latency wireless reception and transmission
- 50 meters range in an empty space - up to 20 meters in a space with obstacles
- Can be used with iPhones and Android devices with appropriate adapters as well as a host of digital camera products

### **Transmitter:**

- Large LCD display featuring Mic in gain level, battery life, signal strength (also reflected on receiver unit) and mic output metering
- High quality built-in omnidirectional condenser mic
- 3.5mm Mic in input jack (ideal for lavalier mics)
- Mic input gain control (+/- push buttons)
- Built-in rechargeable lithium ion battery charged via USB C 5V, 0.5A
- 6 hour battery life (approximate) for continuous operation
- Twist and lock windscreen included
- Robust clip to attach to clothing

### **Receiver:**

- Large LCD display featuring line out level, headphone volume level, Mic input level meter, as well as battery life, mic input level and signal strength of each transmitter unit
- 3.5 mm line out jack to connect to camera or other recording equipment
- Line out volume control (+/- push buttons)
- 3.5 mm headphone jack for monitoring
- Volume control for headphones (+/- push buttons)
- Built-in rechargeable lithium ion battery charged via USB C 5V, 0.5A
- 6 hour battery life (approximate) for continuous operation
- Robust clip for attachment to clothing or camera

# A Tour of the AirMic

## Transmitter



### 1. Large LCD display showing;

- 1.1 Mic In gain level - adjustable from 0dB to 24dB (White/green semi-circle)
- 1.2 Mic Out level (speaker symbol)
- 1.3 Battery life (Battery symbol)
- 1.4 Signal strength (Signal symbol)
- 1.5 Firmware version

### 2. Built-in Mic

A high quality, omnidirectional condenser microphone. This is the 'default' mic. The maximum SPL (sound pressure level) is 110dB before clipping. This means that the mic can withstand loud noises, before any form of distortion takes place.

### 3. Mic input

Plug in an external lavalier mic into this 3.5mm port. This will override the inbuilt mic.

### 4. Mic input gain volume control

Press + and - to increase and decrease the mic input's gain.

### 5. Charging port (USB C)

Use this to charge the rechargeable battery using a 5V, 0.5A adapter such as a phone charger, using the cable provided.

### 6. Power on button

Turn the unit on and off here.

### 7. Robust clip affixed

Ideal for securely placing the receiver on the camera person or camera.

# Receiver



## 1. Large LCD display showing;

- 1.1 Mic In gain level from Transmitter 1 (White/green semi-circle)
- 1.2 Battery life for Transmitter 1 (Battery symbol)
- 1.3 Mic level (Microphone symbol)
- 1.4 Line out level (speaker symbol)
- 1.5 Headphone volume (Headphone symbol)
- 1.6 Receiver battery life (battery symbol in the grey window)
- 1.7 Signal strength (signal symbol just above the grey window)
- 1.8 Display for second transmitter if connected, showing Mic in gain, battery level and signal strength
- 1.9 Firmware version

## 2. 3.5 mm line out jack

Used to connect to a camera or other recording equipment.

## 3. Line out volume control (+/- push buttons)

Controls the volume of the line out connection.

## 4. 3.5 mm headphone jack

Used to connect headphones - ideal for monitoring purposes (for the camera-person etc.).

## 5. Volume control for headphones (+/- push buttons)

Push +/- buttons to adjust headphone volume.

## 6. Robust clip affixed

Ideal for securely placing the receiver on the camera person or camera.

## **7. Type C USB connector for charging**

Use this to charge the rechargeable battery using a 5V, 0.5A adapter such as a phone charger, using the cable provided.

## **8. Power on/off switch**

Turn the unit on and off here.

# Using the AirMic Pt.1 Pairing

**Step One:** Turn on the receiver.

**Step Two:** Press the power on button twice, in quick succession. The receiver enters pairing mode.



**Step Three:** Turn on the transmitter/s.

**Step Four:** Press the power on button twice, in quick succession. The transmitter enters pairing mode.



**Step Five:** The transmitter/s and receiver are paired and will display as below.



## Using the AirMic: Pt. 2 Getting Started

Connect any external microphones you wish to the transmitter/s, (this not compulsory as there is a very capable condenser microphone built into the device).

Ensure the line out of the receiver is connected to the equipment you are recording to, whether this be a digital camera, an Android phone, or an iPhone for example, (you may need to purchase an adapter).

Ensure headphones are not worn when you connect your devices. Ensure all input and output levels are turned down. **As a general rule, always turn on equipment at low volumes in order to protect your ears as well as the equipment you are using. Then, adjust to the required levels.**

On the receiver, please note that Mic input, signal strength, and battery life information of the transmitters populate two adjacent windows when two transmitters, (and the receiver) are turned on.

If you have the standard AirMic Solo set (which has one transmitter) or are only using one transmitter of your two transmitter set (AirMic Duo), Mic input, signal and battery life information will populate the first window only.

When a second receiver is paired with the transmitter, the Mic input, signal and battery life levels pertaining to this unit will display in the second window.

You should see matching information for both the receiver and the transmitter, once paired.

For example, the Mic input level of your transmitter/s should be identical in the corresponding window of the receiver.



### Safety First!

The World Health Organization (WHO) suggests you should listen to your headphones at a maximum volume level of 85 decibels (dB) for a maximum 8 hours. Scientists recommend a listening range of between 60- 80 dB.

Most MP3 players, phones, and other listening devices rise above the recommended dB levels with headphones when you turn up the volume. They can normally achieve 105 dB. If you listen at these levels, it should be for a short time (10 minutes), otherwise you risk permanent damage to your hearing.

# Specifications

Operating Frequency.....	400-2480MHz
Wireless Mode.....	GFSK
Delay situation.....	20mS
sampling rate.....	48kHz ,24bit
frequency response.....	80Hz-20kHz
microphone sensitivity.....	*-32±2dB
Maximum sound pressure level.....	110dB SPL
Maximum transmission distance (open environment)...	50m
Monitor output maximum power.....	35mW
Maximum input level (3.5mm).....	*-10dBu
Equivalent noise.....	*-85dB(Line)
Battery capacity.....	350mAh
charging time.....	1.5-2.0h
working hours.....	Receiver>5h, ..... Transmitter>6h
Dimension.....	45mmX45mmX18mm
Weight (Receiver).....	32g
Weight (Transmitter).....	32g

(However, there may be differences or errors in the data due to changes in environmental and temperature conditions.)

# Services

If your AirMic microphone system needs servicing, follow these instructions.

Check our online Help Center at <http://support.iconproaudio.com>, for information, knowledge, and downloads such as:

1. FAQ
2. Download
3. Product Registration
4. Video Tutorials

Very often you will find solutions on these pages. If you don't find a solution, create a support ticket at our online Help Center at the link below, and our technical support team will assist you as soon as we can.

Navigate to <http://support.iconproaudio.com> and then sign in to submit a ticket. Once you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON Pro Audio device as soon as possible.

To send defective products for service:

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ICON is not responsible for any damage that occurs due to non-factory packing.
4. Ship to the ICON tech support center or the local return authorization. See our service centers and distributor service points at the link below:

If you are located in the **United States**

please visit our help centre - <https://support.iconproaudio.com> and submit a ticket to the technical support team.

If you are located in **Europe**, please email the support team and wait for a response before sending the product to:

**Sound Service GmbH**  
**European Headquarters**  
**Moriz-Seeler-Straße3 D-12489**  
**Berlin**  
**Telephone: +49 (0)30 707 130-0**  
**Fax: +49 (0)30 707 130-189**  
**E-Mail: [service@sound-service.eu](mailto:service@sound-service.eu)**

If you are located in **Hong Kong** please email the support team and wait for a response before sending the product to:

**ASIA OFFICE:**  
**Unit F, 15/F., Fu Cheung Centre,**  
**No. 5-7 Wong Chuk Yueng Street, Fotan,**  
**Sha Tin, N.T., Hong Kong.**  
**Tel: (852) 2398 2286**  
**Fax: (852) 2789 3947**  
**Email: [info.asia@icon-global.com](mailto:info.asia@icon-global.com)**

5. For additional update information please visit our website at: [www.iconproaudio.com](http://www.iconproaudio.com)



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