

Technical Questions | Pro and Pro Plus

Modified on: Thu, 2 Jan, 2025 at 8:51 AM

1. How does Instamic work?

You can see Instamic as three products in one.

a) Ultra-Portable Field Recorder

- 48kHz 32-bit Float (Pro Plus) and 48/96 kHz 24-bit uncompressed PCM recording (Pro and Pro Plus)
- Mono, Dual-Mono, Stereo*, M/S* (*Instamic Pro Stereo and Pro Plus Stereo)
- Remote control 10 units with 1 mobile device
- Monitor and save the audio monitoring session directly to your phone
- 16Gb (Pro Plus), 8Gb (Pro) internal storage
- External Timecode Support - Tentacle Sync E, Atomos Airglu (beta) and Internal Timecode Reference from the mobile device.

b) Wireless Microphone for your Mobile Device (Custom streaming protocol - 48kHz)

- In-app video and audio recording with your mobile device

c) Highly Compatible Bluetooth Microphone (Hands-Free Profile - 16kHz)

- Live stream to your phone (Facebook Live, Instagram Live, Zoom, etc.)
- Compatible with 3rd party apps (Blackmagic Camera, ProCamera, Filmic Pro, MoviePro)
- Compatible with GoPro12 / 13, Insta360 One R, Rs, X2, X3, X4, Ace Pro and Ace Pro 2
- Compatible with Text-to-Speech Apps

More features

- Multiple mounts (velcro, suction tape, magnetic - included)
- Waterproof (IP67)
- Windshield (optional)
- Covers in 10 different colors (optional)
- Action Camera Mount (optional)
- Handheld Adapter (optional)

2. How do I record with Instamic?

There are two ways.

STANDALONE MODE

Start recording using the button on the device (the Instamic logo) when Instamic is on.

MOBILE APP

Remote control Instamic through your Android or iOS mobile phone.

Each take will be saved to the Instamic's internal memory.

In Wireless Microphone mode, the audio or video session will be saved directly to your mobile device.

3. How can I monitor the input signal?

Instamic has 3 LEDs onboard that work as a VU Meter.

When you are controlling Instamic using your mobile device, you can monitor the sound level through a digital VU meter (while recording) and listen to the audio in real time with your headphones (pre-recording).

When Instamic is in Wireless Mode, you can monitor the audio in real-time while recording on your mobile device.

4. What is the maximum recording time?

The maximum recording time depends on the recording format you choose:

Instamic Pro Plus and Plus C (16 Gb)

32-bit Float Mono 48 kHz - 22 hrs

24-bit Mono - 29 hrs

24-bit Dual-Mono, Stereo, M/S - 14 hrs

Instamic Pro (8 Gb)

24-bit Mono - 14 hrs

24-bit Dual-Mono, Stereo, M/S - 7 hrs

You can **record continuously** for up to **3 hours (Pro)**, **3.5hrs (Pro Plus)** and **4.5hrs (Pro Plus C)** with the battery fully charged.

5. How long does the battery last?

Duration can vary depending on charging time, temperature, and storage conditions.

Instamic Pro Plus C - 4.5 hours of continuous recording

Instamic Pro Plus - 3.5 hours of continuous recording

Instamic Pro - 3 hours of continuous recording

6. How do I charge my Instamic?

Plug your Instamic into any USB port on your computer or USB Charger. A full charge takes 1.15 hr.

7. Does Instamic have built-in memory?

Instamic Pro Plus - 16 Gb

Instamic Pro - 8 Gb

8. How do I use the quick-release clip?

Instamic comes with 3 quick-release clips that give you the versatility to bring it almost anywhere you want.

With each Instamic Pro, you will get 3 different mounting options: Magnet, Velcro and Tape.

The Pro Plus version comes with a Magnet, Velcro, and Suction Tape.

9. What are the main functions of the mobile app?

Once you pair Instamic with your mobile device, you can **Remote Control up to 10 Instamic together, monitor the audio in real-time** (one-to-one connection pre-recording), **set up Instamic** as needed (Rec Mode, Sampling Rate, Auto-gain, Rename Instamic, Turn it off) and **audio-video recording** on the mobile device.

10. How do I transfer the audio files to my computer

Connect it to your computer using the USB cable provided. A USB OTG cable will be needed to connect it to your Android device and an original Lightning to USB 3 Camera Adapter to connect it to your iOS device. Instamic will mount as an external drive on your computer or mobile device. You can now easily transfer your recordings.

11. Can Instamic save the audio take directly to the phone?

Yes. When Instamic is configured in Audio Recorder mode, enable the "Save Monitoring Session" on Settings, and you can monitor in real-time the audio from Instamic and have the Monitoring session saved to your mobile device's memory as shown [here](https://youtu.be/fmFGBPOXb_k?t=107) (https://youtu.be/fmFGBPOXb_k?t=107).

When Instamic is in Wireless Microphone mode, you can choose the audio-only recording or video recording to save the audio or video file directly to your mobile device (48kHz) while monitoring in real-time.

12. Does Instamic work with the native camera application on iOS and Android?

The native iOS and Android Camera apps don't support any Bluetooth Profile / Microphone.

Luckily there are more advanced applications like [FilmicPro](https://www.filmicpro.com/) (<https://www.filmicpro.com/>) (iOS Android) or [MoviePro](https://apps.apple.com/us/app/moviepro-pro-video-recorder/id547101144) (<https://apps.apple.com/us/app/moviepro-pro-video-recorder/id547101144>) (iOS) or [BlackMagic Camera](https://apps.apple.com/us/app/blackmagic-camera/id6449580241) (<https://apps.apple.com/us/app/blackmagic-camera/id6449580241>) app (iOS) that do support the Bluetooth Profile (HFP) and consequently Instamic :-). Using these apps, the Instamic's audio is automatically embedded in the video. To record video with the best quality out of Instamic [we highly recommend using our in-app video and audio feature that delivers audio at 48kHz while monitoring too.](#)

13. Can I livestream on Facebook or Instagram?

Instamic works natively with Facebook Live and Instagram Live for iOS and Android. Procedures [here](https://instamic.freshdesk.com/support/solutions/26000035791) (<https://instamic.freshdesk.com/support/solutions/26000035791>).

14. Can I connect Instamic to my Insta360 camera?

Yes, you can. Many Insta360 cameras officially support the Apple AirPods Feature that uses the Hands-Free Bluetooth Profile.

Instamic implements the Hands-Free Profile too and that makes the connection with the Insta360 cameras possible.

We still recommend asking Insta360 Customer Support which of their cameras supports the HFP.

Here is how it works.

- Configure your Instamic as a Bluetooth Microphone on the Instamic Remote Home Page
- Connect Instamic to the Insta360 directly from the camera menu
- Enable Streaming from our app or press the Instamic button on the unit to start streaming to the Insta360 camera
- Long tap to disconnect from Instamic on our app's Connect Page.
- You can now start recording on the Insta360 camera with the Instamic's audio embedded.

Here is a [quick video tutorial](https://www.youtube.com/watch?v=hM6OhXHpfzc) (<https://www.youtube.com/watch?v=hM6OhXHpfzc>).

15. It is possible to connect Instamic to a GoPro?

Yes, it is possible with the GoPro 12 / 13 and the Instamic Pro Plus or Pluc S on firmware 2.2.29 or up.

Older GoPro versions don't support audio over Bluetooth.

16. It is possible to use Instamic as a radio microphone connected to a mixing console or Bluetooth speaker?

Instamic has been designed as a self-contained audio recorder that also works as an external Bluetooth microphone for mobile phones (Facebook Live Streaming, Filmic Pro external microphone, etc.). There is no Bluetooth receiver or Bluetooth Speaker in the market that supports Instamic's Bluetooth Streaming Protocol yet.

You can use the Instamic Remote on your iOS or Android mobile device as a receiver and connect your phone via their analog output or a Bluetooth Speaker. In both cases, there will be some latency, depending on your hardware.

17. Instamic Pro is waterproof. What is the maximum depth?

You can take Instamic up to 3.2 ft (1m) for 30 minutes max, according to IP67.

It is not designed to record underwater.

18. How do I update my Instamic's firmware?

You will find the procedure and other important resources [here \(https://support.instamic.io/\)](https://support.instamic.io/). The Firmware Upgrade application is available on Windows and macOS.

19. The middle LED of my Instamic keeps blinking. How do I fix it?

Press and hold the Instamic button for 10-15 seconds until it turns off. Re-start it.

Connect to it with the Instamic Remote mobile app, go to Settings, and Format the internal memory.

You are now ready for your next recording session :)

20. What is the difference between the Stereo and Mono versions?

The mono version mounts 4 microphones in an array configuration to provide mono and dual mono recording.

The stereo mounts 2 additional microphones on the sides to provide stereo recording.

Both units record in mono (32-bit Float and 24-bit) and Dual-Mono (24-bit).

Mono is suitable for any voice-centric recording.

Stereo provides a bigger sound image when recording soundscapes or wide instruments like a piano or drums.

#happyrecording,

Michele and the Instamic Team
