

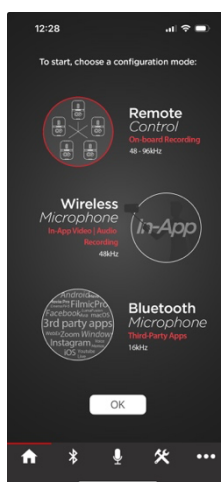


Configuration Modes and Profiles

Instamic Remote Application 1.6.5

Instamic Firmware 2.3.46

Proper display not possible on grayscale devices



Instamic can be configured to operate in 3 different modes depending on how you want to record and manage audio. Each mode determines where your audio is stored, which Bluetooth profiles are active and how you control your Instamic.

How Instamic Communicates

Instamic connects wirelessly to your phone, table, or camera using Bluetooth. Instamic uses three Bluetooth profiles to communicate and manage audio streaming and control.

Profile	Used For	Typical Connection	Notes
Bluetooth Low Energy (BLE)	Control, pairing, device status, and synchronization	Always active when using the Instamic Remote app	Allows you to manage up to 10 Instamics
Custom Bluetooth Classic Audio	High-quality audio streaming to the Instamic Remote app	Used in Wireless Microphone Mode	Enables live recording and monitoring
Hands-Free Profile (HFP)	Acts as a Bluetooth microphone for 3rd-party apps and cameras	Used in Bluetooth Microphone Mode	Appears to other devices as a "Bluetooth Mic"

Remote Control Mode

When to Use

Use this mode when you want to control and record audio on multiple Instamics simultaneously. This mode is ideal for filmmakers, podcasters, and field recordists who plan to synchronize audio and video later in post-production.

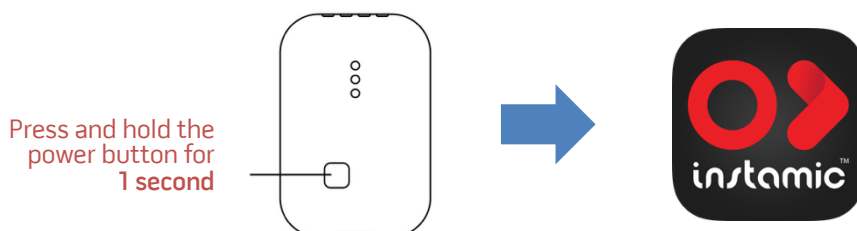
- Record on up to 10 Instamics simultaneously
- Each Instamic records high quality audio (up to 96kHz) directly to its internal storage.
- The Instamic Remote app is used for remote control and monitoring levels.
- Audio is recorded directly to each Instamic's internal memory and can be transferred later to a computer via USB. Live audio streaming to the phone is not supported in this mode.

How It Works

In this mode, the app connects to each Instamic using **Bluetooth Low Energy (BLE)** only. **BLE** remains active across all connected units, allowing you to control multiple Instamics at once. It manages device discovery, connections, and control functions such as record, stop, and rename. **Custom Bluetooth Classic Audio** is optional and can be enabled for live monitoring through headphones.

Setup Steps

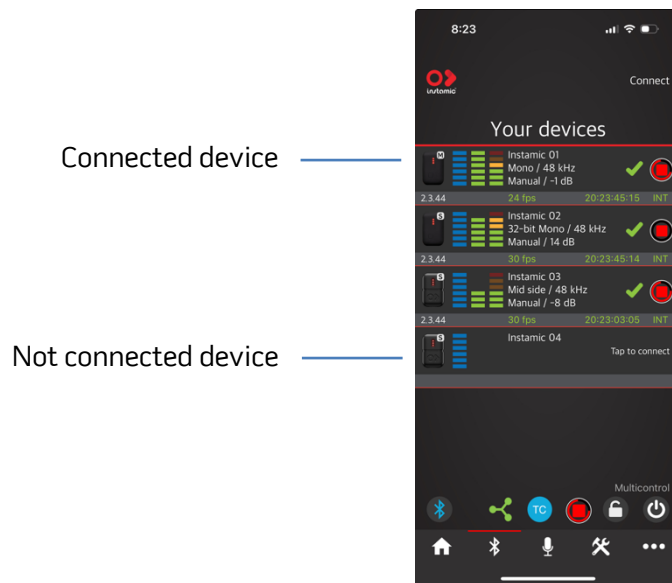
1. Power on your Instamic unit(s) and Launch the Instamic Remote app



2. On the Home Page, Tap Remote Control Mode

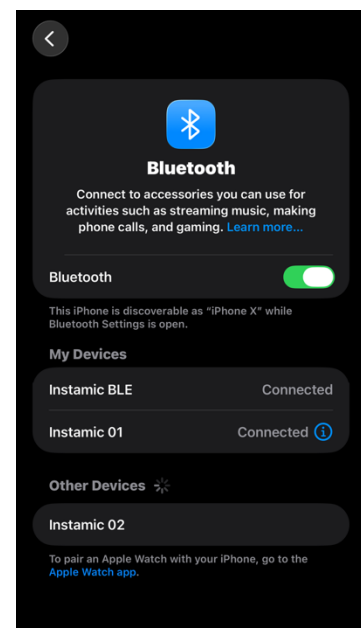


- On the Connect page, tap each Instamic in the list to connect. Connected devices will display a check mark, live input levels, record mode and battery level.



If you want to monitor audio in real-time or capture a monitoring session, you will also need to connect the **Custom Bluetooth Classic Audio**, listed by the name given to the unit you are using.

- Go to Settings, then Bluetooth Connections
- Tap on *MyInstamicDevice*, where *MyInstamicDevice* is the name given to the Instamic you are streaming from e.g. in this case (see image), if you are using "Instamic 01" to stream from, tap to connect it.
- Disconnect from any other Instamic profile in the list not being used for streaming.



Notes & Tips

- You can control up to **10 Instamics simultaneously**.
- Audio Latency: When monitoring is enabled, there is a slight delay due to Bluetooth streaming.
- File transfer: Recordings are saved internally as WAV files and can be copied directly to your computer.

Wireless Microphone Mode

When to Use

Use **Wireless Microphone Mode** when you want to record audio or video directly to your device. This mode is ideal when you don't plan to edit or sync in post-production. For example:

- Capturing interviews or vlogs that need quick turnaround
- Recording a podcast or demo directly on your phone
- Sharing content immediately after capture

In **Wireless Microphone Mode** your Instamic streams live 48kHz audio over Bluetooth to the Instamic Remote app, which records it locally to your device.

How It Works

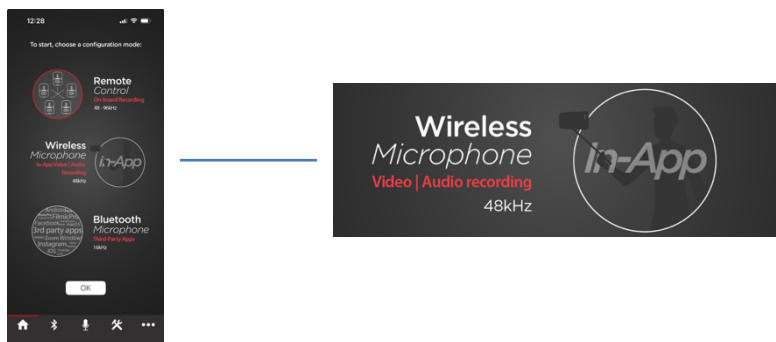
Wireless Microphone Mode activates two Bluetooth profiles simultaneously:

- **BLE (Bluetooth Low Energy)**: Handles discovery, connection, and control.
- **Custom Bluetooth Classic Audio**: Streams live audio from the Instamic to your phone or tablet.

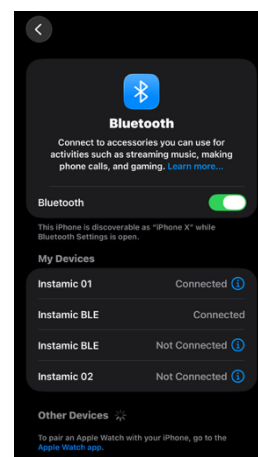
This allows the app to record video or audio in real time.

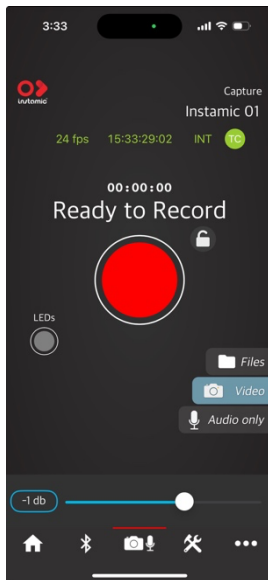
Setup Steps

1. From the Home Page, Tap Wireless Microphone Mode



2. In your phone's Bluetooth Settings, tap on *MyInstamicDevice*, where *MyInstamicDevice* = the name given to the Instamic you are streaming from. For example, In this case (see image) "Instamic 01".
3. Disconnect from any other Instamic profile in the list except Instamic BLE. For example, in this case (see image). "Instamic 02"
4. Return to Capture page, Choose Video or Audio and Tap Record.





Capture screen in Wireless
Microphone Mode



Video Capture screen

The Instamic Classic Audio profile has been activated and now you stream audio to your phone for in-app video and audio recording.

Notes & Tips

- In this mode you can only stream audio from a single Instamic unit.
- If you need to use multiple Instamics, please use Remote Control mode.
- Audio and Video recordings are stored on your device, in the Instamic Remote folder. To access the audio and video recordings, tap on the Files button on the Capture screen or navigate to it using the Files App.

Bluetooth Microphone Mode

When to Use

Use **Custom Bluetooth Classic Audio** when you want to connect your Instamic directly to third-party apps, cameras, or computers that can accept a Bluetooth microphone input. This mode is perfect for creators who want to use:

- Cameras such as GoPro, Insta 360 or BlackMagic
- Mobile video apps like ProCamera or FiLMiC Pro
- Desktop recording software on macOS or Windows

In this mode, Instamic behaves like a standard Bluetooth headset (Hands-Free Profile), streaming 16kHz audio directly to the external device, with no need for the Instamic Remote app during recording.

How It Works

Bluetooth Microphone Mode activates the Hands-Free Profile (HFP) only.

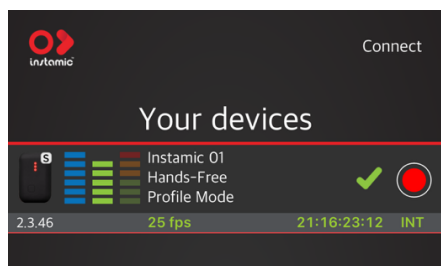
- Your phone, camera, or computer recognizes the Instamic as a Bluetooth microphone
- Audio is streamed in real time (16kHz mono) to that device.
- **BLE** and **Classic Audio** are not used in this mode so you can't control the Instamic the same as you do in other modes while it's paired to another device.
- When Instamic is in **Bluetooth Microphone Mode**, audio is not saved inside the Instamic.

Setup Steps

1. From the Home Page, tap Bluetooth Microphone Mode

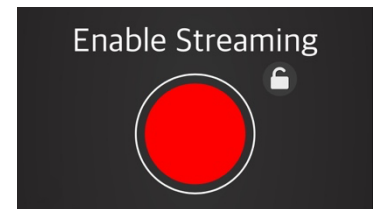


2. Return to the Connect page to confirm the Instamic device displays Hands-Free Profile (HFP).



Now your mobile device will recognize Instamic as a Bluetooth HFP device and will interpret its audio stream correctly.

When the Instamic Remote app is connected to your Instamic, you can control audio streaming from the Instamic by tapping the Record button on the Capture screen or the Record/Power button from the Instamic.



Notes & Tips

- Once paired via HFP, you start and stop recording from your camera or app, not from the Instamic Remote app.
- Audio is not saved inside the Instamic in this mode
- Instamic retains the last configuration you selected. If you don't switch modes, you can maintain the same Bluetooth connection on your device, whether it's a mobile device, camera, or computer.
- To return to Wireless or Remote Control Mode, delete or unpair the HFP connection in your device's Bluetooth settings, then reconnect using the Instamic Remote app.
- Disconnect the Instamic Remote app entirely when using HFP for best performance.
- You can only connect to one Instamic at a time.

Troubleshooting Connection Issues

If you're having trouble pairing your Instamic with your computer or camera, ensure that you select "Bluetooth Microphone" on the Home Page of the Instamic Remote app and connect to Instamic. You will receive a confirmation that the Hands-Free Profile has been activated.

You can now disconnect from the mobile app and connect to your computer or camera.

If your device still doesn't appear as a Bluetooth microphone, power-cycle the Instamic and retry pairing.

Quick Recap

Mode	Active Profile(s)	Controlled by	Audio/Storage	# of Instamics	Typical Use
Remote Control	BLE	Instamic Remote app	48-96kHz/ Instamic	Up to 10	Multi-mic recording, post-sync
Wireless Microphone	BLE + Classic Audio	Instamic Remote app	48kHz/ Phone/Tablet	1	Recording audio & video to the phone
Bluetooth Microphone	Hands Free Profile (HFP)	Third-party device	16kHz/ Camera/App	1	Using the Instamic with other devices

*Audio quality and latency depend on the Bluetooth profile in use.



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