

[Manuals.plus](#) /

› [EMAY](#) /

› EMAY Portable Bluetooth ECG Monitor User Manual

EMAY Portable ECG Monitor

EMAY Portable Bluetooth ECG Monitor User Manual

Model: Portable ECG Monitor | Brand: EMAY

1. INTRODUCTION

The EMAY Portable Bluetooth ECG Monitor is a compact, personal electrocardiogram device designed for convenient monitoring of heart rhythm and heart rate. It allows users to take quick ECG readings anytime, anywhere, without the need for wires or gels. The device is compatible with both smartphones (iOS/Android) and PC (Mac/Windows) for data management and report generation.

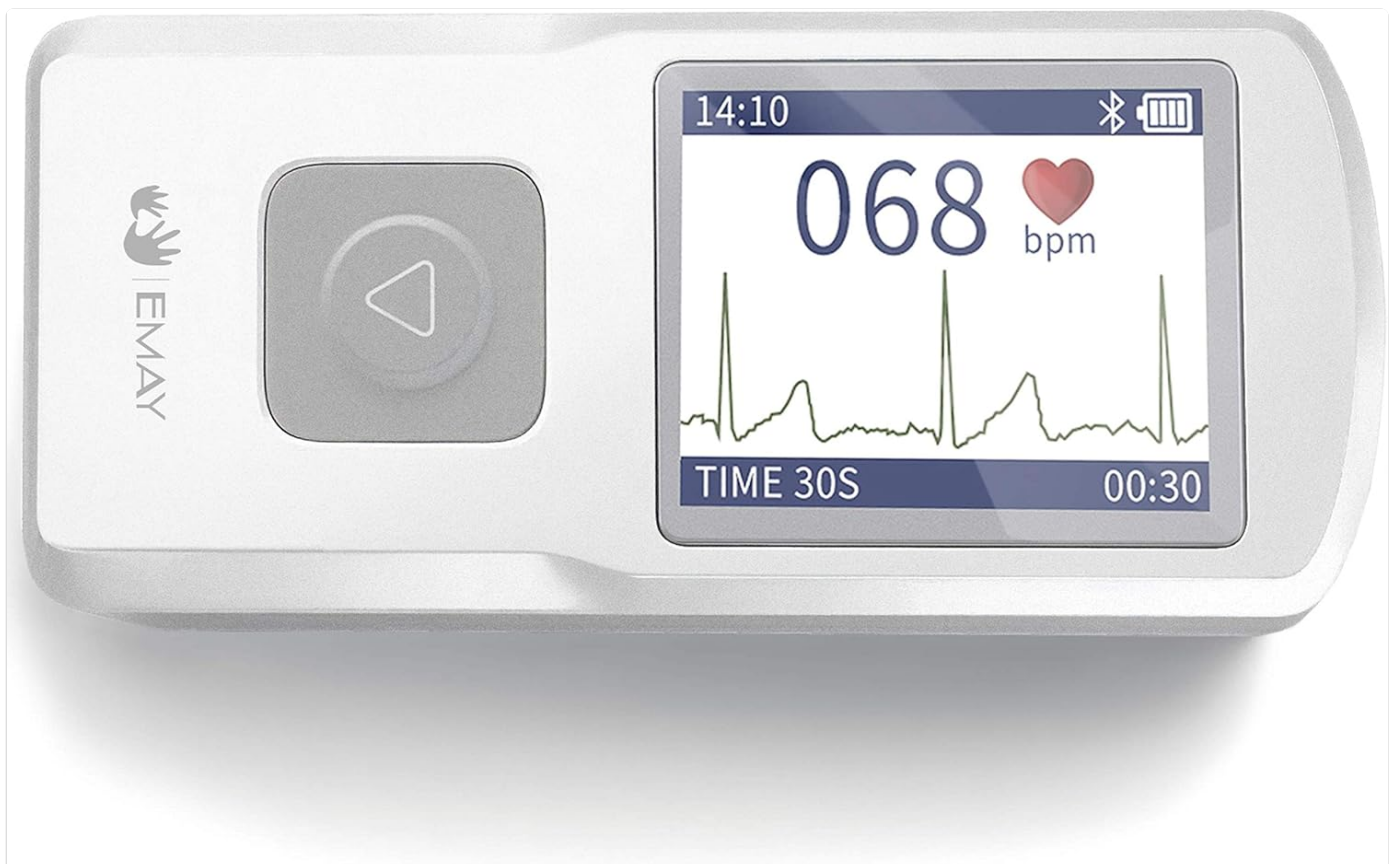


Figure 1: EMAY Portable ECG Monitor with real-time display.

2. PRODUCT FEATURES

- **Portable Design:** Compact and lightweight, easily fits in a pocket for on-the-go monitoring.
- **Wireless Operation:** Take 30-second ECG readings using two hands, without wires, cables, or gels.

- **Real-time Monitoring:** Records ECG and heart rate anytime, anywhere, providing instant detection in 30 seconds.
- **App & PC Software:** Free iOS/Android application for reviewing ECG rhythm and generating PDF reports. PC software is also available for Mac and Windows users.
- **Offline Storage:** Records data independently without requiring a continuous connection to the app; data can be synced later.
- **Rotatable LCD Screen:** Digital LCD display for easy viewing from various angles.
- **No Hidden Costs:** No subscription fees or additional charges.
- **Multiple Lead Options:** Supports different recording leads for higher accuracy (e.g., Lead I, Chest Lead, Lead II).



Figure 2: Overview of key product features.

3. PACKAGE CONTENTS

Please check the package for the following items:

- EMAY Portable ECG Monitor

- USB Charging Cable
- User Manual
- Quick Start Guide (if included)

4. SETUP

4.1 Charging the Device

Before first use, fully charge the device. Connect the provided USB cable to the monitor's charging port and the other end to a USB power adapter (not included) or a computer's USB port. The battery indicator on the screen will show charging status.

4.2 Installing the Application/Software

For Smartphones (iOS/Android):

1. Search for "EMAY ECG" or "EMAY Monitor" in the Apple App Store or Google Play Store.
2. Download and install the official EMAY application.
3. Follow the on-screen instructions to create an account or log in.

For PC (Mac/Windows):

1. Visit the official EMAY website to download the PC software.
2. Run the installer and follow the prompts to complete the installation.

4.3 Initial Pairing (Bluetooth)

Ensure Bluetooth is enabled on your smartphone. Open the EMAY app and follow the instructions to pair your device. The app will guide you through the connection process.

5. OPERATING INSTRUCTIONS

5.1 Taking an ECG Measurement

The EMAY ECG Monitor offers several methods for taking a measurement. Ensure your skin is clean and dry for optimal contact.

- **Two-Hand Method (Lead I):** Hold the device with both hands, placing your thumbs or fingers on the metal electrodes. Remain still and relaxed for 30 seconds.
- **Chest Lead Method:** Place one electrode on your chest (near the heart) and hold the other electrode with your hand.
- **Leg/Ankle Lead Method (Lead II):** Place one electrode on your ankle/leg and hold the other electrode with your hand.

The device will display the ECG waveform and heart rate in real-time. After 30 seconds, the measurement will be complete and saved automatically.

Different Leads of Recording for Higher Accuracy



Figure 3: Different methods for taking an ECG measurement.

5.2 Understanding the Display

The device's LCD screen shows:

- **Heart Rate (BPM):** Your current heart rate in beats per minute.
- **ECG Waveform:** A real-time graph of your heart's electrical activity.
- **Time Remaining:** Countdown for the 30-second measurement.
- **Battery Indicator:** Shows remaining battery life.
- **Bluetooth Indicator:** Shows connection status.

Stand-alone EKG device with real-time display



Figure 4: Stand-alone EKG device with real-time display.

6. DATA MANAGEMENT AND REPORTING

6.1 Syncing Data

To transfer recorded data to your smartphone or PC:

- **Via Bluetooth (Smartphone):** Open the EMAY app. The app will automatically sync new measurements from the device when connected via Bluetooth.
- **Via USB Cable (PC):** Connect the device to your computer using the USB cable. Open the EMAY PC software, which will detect the device and allow you to import stored data.

6.2 Reviewing and Analyzing Data

The EMAY app and PC software allow you to:

- View detailed ECG waveforms for each recording.
- Identify potential abnormalities such as arrhythmias, missed beats, tachycardia, bradycardia, ST elevation, ST depression,

and PVCs.

- Track trends over time.

Lifetime **Free Detection** to Different Abnormalities

Instant and Accurate Detections :

- No abnormalities
- Missed Beat
- Tachycardia
- ST Elevation
- Arrhythmias (A-Fib)
- PVC - 5 different types
- Bradycardia
- ST Depression



Figure 5: Detection of different abnormalities.

6.3 Generating and Sharing Reports

Both the app and PC software enable you to generate professional PDF reports of your ECG recordings. These reports can be easily shared with healthcare professionals for review.

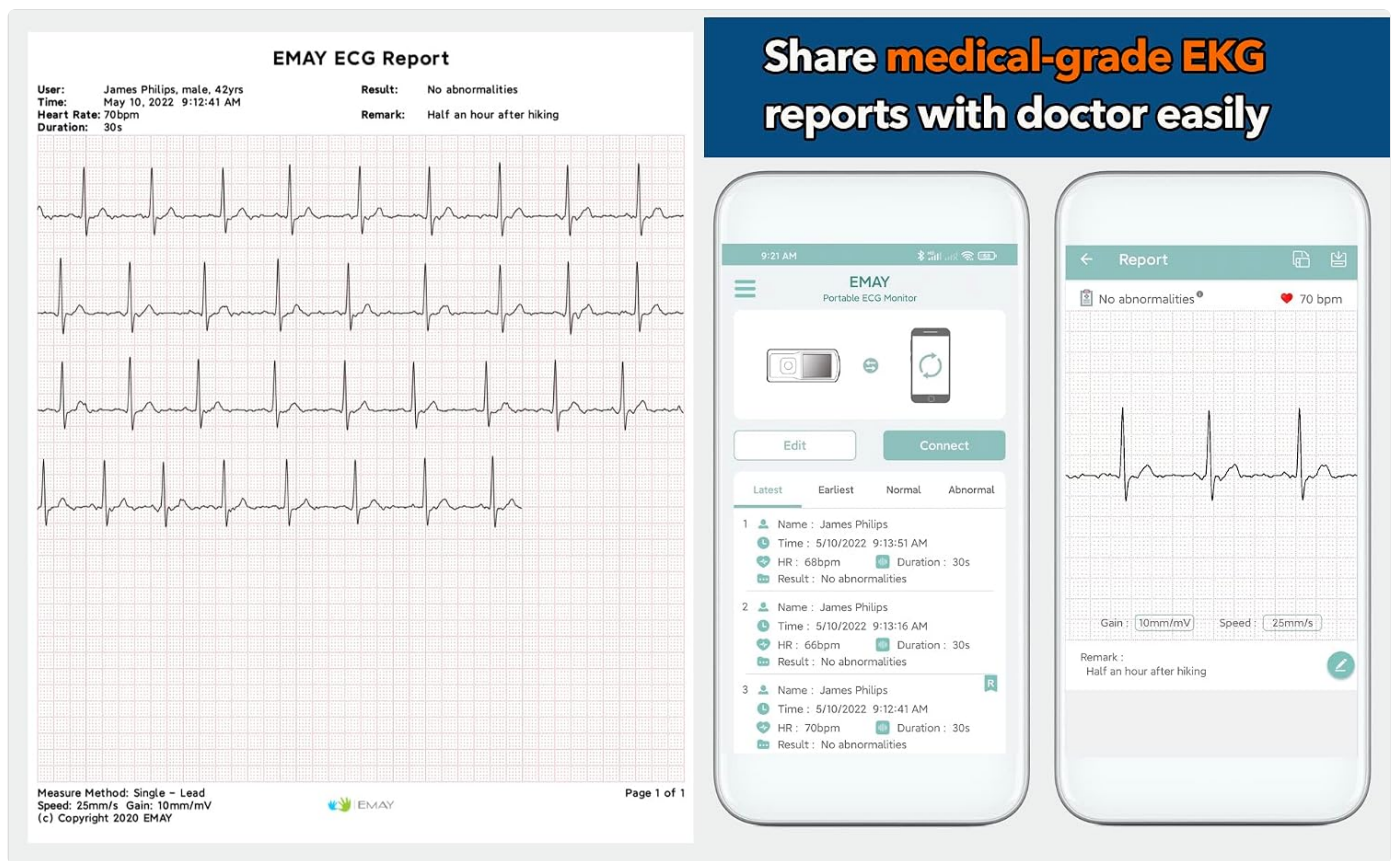


Figure 6: Sharing medical-grade EKG reports with a doctor.

7. MAINTENANCE AND CARE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery.	Charge the device fully.
Poor signal/unclear waveform.	Poor skin contact, dry skin, movement during measurement.	Ensure electrodes are clean and in full contact with moist skin. Remain still during measurement.
Cannot connect to app/PC software.	Bluetooth off, app not open, device not in pairing mode, USB cable issue.	Ensure Bluetooth is on and app is open. Restart device and app. Try a different USB port/cable.
Data not syncing.	Connection issue, app/software not updated.	Verify connection. Update app/software to the latest version.

9. SPECIFICATIONS

Feature	Detail
Model Number	Portable ECG Monitor
Dimensions (L x W x H)	12 x 1.5 x 10 cm (approx. 4.7 x 0.6 x 3.9 inches)
Weight	100 grams (approx. 3.5 ounces)
Material	Plastic
Color	White
Power Source	1 Lithium-polymer battery (included)
Connectivity	Bluetooth, USB
Compatible Devices	Smartphones (iOS/Android), PC (Mac/Windows)
Sensor Type	ECG
UPC	742186954820

10. WARRANTY AND SUPPORT

EMAY provides a limited warranty for this product. Please refer to the warranty card included in your package or visit the official EMAY website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any inquiries regarding your EMAY Portable ECG Monitor, please contact EMAY customer service through their official website or the contact information provided in your product documentation.

© 2024 EMAY. All rights reserved. This manual is for informational purposes only and should not be used as a substitute for professional medical advice.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question