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› KardiaMobile 6-Lead Personal EKG Monitor User Manual

## AliveCor KM-6L-E

# KardiaMobile 6-Lead Personal EKG Monitor User Manual

Brand: AliveCor

## 1. SETUP

The KardiaMobile 6-Lead device is designed for ease of use. Follow these steps to begin monitoring your heart rhythm.

### 1.1 Unboxing and Initial Inspection

Your KardiaMobile 6-Lead package contains the device and a quick start guide. Inspect the device for any visible damage before proceeding.

### 1.2 App Download and Installation

The KardiaMobile 6-Lead requires the Kardia app to function. The app is compatible with most smartphones and tablets. Visit [alivecor.com/compatibility](https://www.alivecor.com/compatibility) to check if your device is supported.

1. Download the Kardia app from your device's app store (App Store for iOS, Google Play Store for Android).
2. Open the app and follow the on-screen instructions to create an account or log in.
3. Ensure Bluetooth is enabled on your smartphone or tablet for the device to connect.

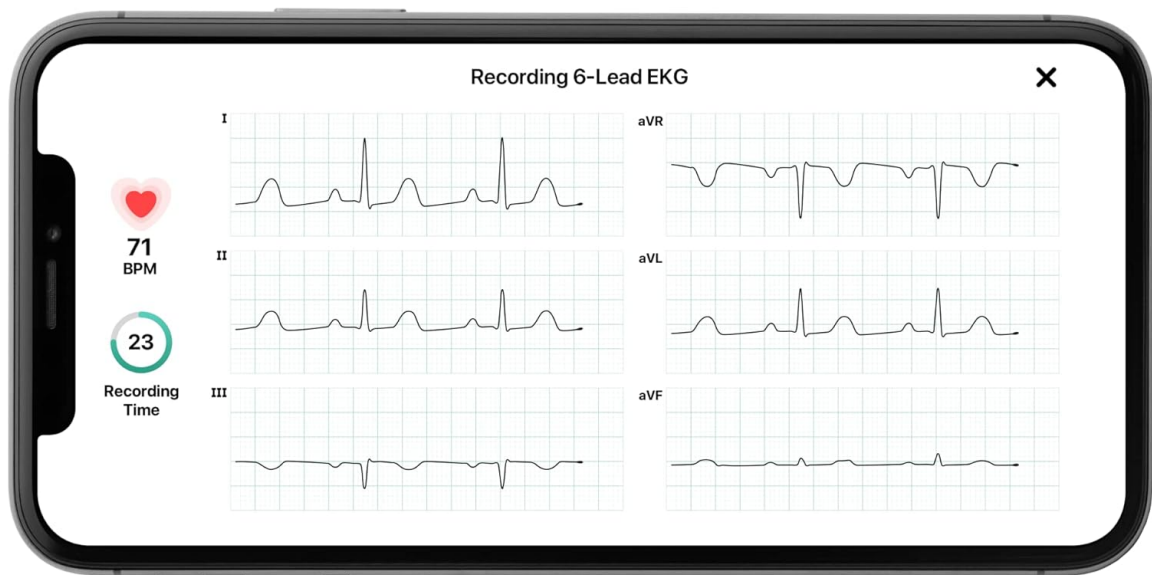


Figure 1.1: KardiaMobile 6-Lead device and smartphone displaying EKG readings.

## 2. OPERATING INSTRUCTIONS

The KardiaMobile 6-Lead records a medical-grade EKG in just 30 seconds. It provides FDA-cleared determinations of your heart rhythm.

### 2.1 Taking a 6-Lead EKG Reading

For a 6-lead EKG, you will need to make contact with three electrodes: two on the top surface of the device and one on the bottom surface.

1. Open the Kardia app and select the '6-Lead EKG' option.
2. Place your left and right thumbs on the top electrodes of the device.
3. Place the bottom electrode of the device against the bare skin of your left knee or ankle. Ensure good skin contact for accurate readings.
4. Remain still and quiet for 30 seconds while the device records your EKG.



Figure 2.1: Proper placement of the KardiaMobile 6-Lead on the knee for a reading.



Figure 2.2: Proper placement of the KardiaMobile 6-Lead on the ankle for a reading.

## 2.2 Interpreting Results

After 30 seconds, your EKG reading will be displayed in the app. The device provides immediate determinations for:

- **Normal Sinus Rhythm:** Your heart is beating in a normal, consistent pattern.
- **Atrial Fibrillation (AFib):** An irregular heart rhythm that can lead to serious health issues.
- **Bradycardia:** A heart rate that is too slow.
- **Tachycardia:** A heart rate that is too fast.

**Important: KardiaMobile 6-Lead does not check for heart attack. If you believe you are having a medical emergency, call 911 immediately.**

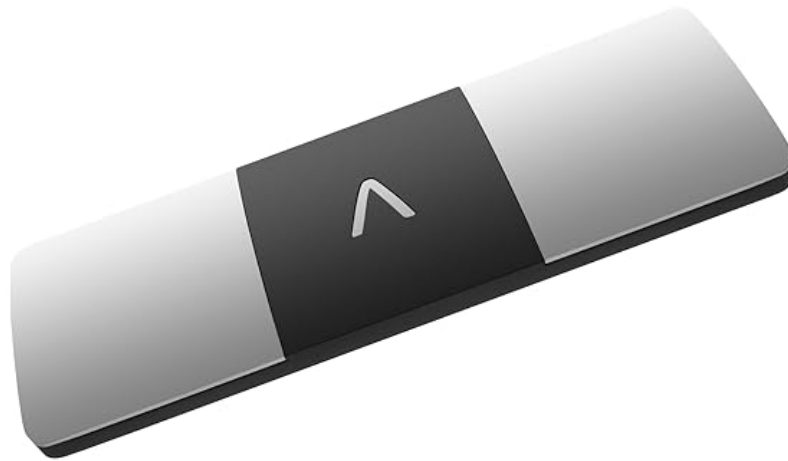


Figure 2.3: Examples of EKG rhythm determinations displayed in the app.

## 2.3 Sharing Your EKG Data

The Kardia app allows you to easily share your EKG recordings with your healthcare provider. This feature is crucial for ongoing monitoring and diagnosis.

- After a recording, you can save it to your history within the app.
- From your history, you can export recordings as PDF files.
- These PDF files can then be emailed directly to your doctor or printed for your records.

## 3. MAINTENANCE

### 3.1 Battery Information

The KardiaMobile 6-Lead uses a 3 V CR2016 coin cell battery. The battery life is approximately 200 hours of use. When the battery is low, the app will notify you.

### 3.2 Cleaning the Device

To ensure optimal performance and hygiene, regularly clean your KardiaMobile 6-Lead device.

- Wipe the device, especially the electrodes, with a soft, dry cloth.
- Do not use abrasive cleaners or immerse the device in water.

## 4. TROUBLESHOOTING

If you encounter issues with your KardiaMobile 6-Lead, try the following steps:

- **Poor Signal/No Reading:** Ensure you have good, bare skin contact with all three electrodes. Avoid excessive movement during recording.
- **Device Not Connecting:** Check that Bluetooth is enabled on your smartphone/tablet and that the Kardia app is open. Try restarting the app or your device.
- **Inconsistent Readings:** Ensure you are following the proper placement instructions. Environmental factors or interference can sometimes affect readings. If concerns persist, consult your physician.

## 5. SPECIFICATIONS

Feature	Detail
Brand	AliveCor
Model Name	KM-6L-E
Material	Stainless Steel, Plastic
Color	Black
Compatible Devices	Smartphones
Product Dimensions	3.54"L x 1.18"W x 0.28"H
Item Weight	24 Grams
Battery Life	200 Hours
Sensor Type	Electrocardiogram
Battery Description	3 V CR2016
UPC	850214007148

## **6. WARRANTY AND SUPPORT**

### **6.1 Warranty Information**

The KardiaMobile 6-Lead comes with a 1-year limited warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

### **6.2 Customer Support**

For further assistance, technical support, or detailed product information, please visit the official AliveCor website or contact their customer service directly.

For more information, visit [www.alivecor.com](http://www.alivecor.com)