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## EEEKit H392230-E001994497FBA

# EEEKit Quartz Clock Mechanisms Instruction Manual

Model: H392230-E001994497FBA

## INTRODUCTION

This manual provides comprehensive instructions for the EEEKit Quartz Clock Mechanisms kit. This kit is designed for repairing, replacing, or creating various types of clocks. It includes 9 quartz clock movements and 12 sets of decorative clock hands, offering versatility for a wide range of clock projects and home decor applications. The mechanisms are engineered for precise timekeeping, silent operation, and efficient energy consumption.



### 9 Pieces of Clock Mechanism 12 Sets of Clock Hands in Different Styles and Sizes

Image: Overview of the EEEKit Quartz Clock Mechanisms kit, showing multiple clock movements and a variety of clock hands in different styles and sizes.

## SETUP AND INSTALLATION

## Component Identification

The kit includes the following main components:

- Quartz Clock Movements
- Decorative Clock Hands (Hour, Minute, Second)
- Fixing Metal Sheets
- Rubber Gaskets
- Washers
- Hex Nuts

## Shaft Length and Panel Thickness Compatibility

Select the appropriate clock mechanism based on your clock panel's thickness. The kit provides mechanisms suitable for various thicknesses:

- **22mm Shaft:** Suitable for 9-13mm (0.35-0.51in) thickness clock panels.
- **16mm Shaft:** Suitable for 2-6mm (0.07-0.23in) thickness clock panels.
- **13mm Shaft:** Suitable for 1-4mm (0.04-0.16in) thickness clock panels.



Image: Detailed diagram illustrating three different clock movement shaft lengths (22mm, 16mm, 13mm) and their corresponding compatible clock panel thickness ranges.

## Installation Steps

Follow these steps to install the clock mechanism and hands:

1. **Insert Clock Movement:** Pass the clock movement shaft through the center hole of your clock face (not included).
2. **Place Fixing Metal Sheet:** Slide the fixing metal sheet onto the shaft from the front of the clock face.
3. **Add Rubber Gasket:** Place the rubber gasket onto the shaft, ensuring it sits flush against the clock face.
4. **Secure with Washer and Hex Nut:** Place the washer onto the shaft, followed by the hex nut. Tighten the hex nut gently to secure the movement to the clock face. Do not overtighten.
5. **Attach Hour Hand:** Carefully press the hour hand onto the hour shaft.
6. **Attach Minute Hand:** Carefully press the minute hand onto the minute shaft.
7. **Attach Second Hand:** Carefully press the second hand onto the second shaft.

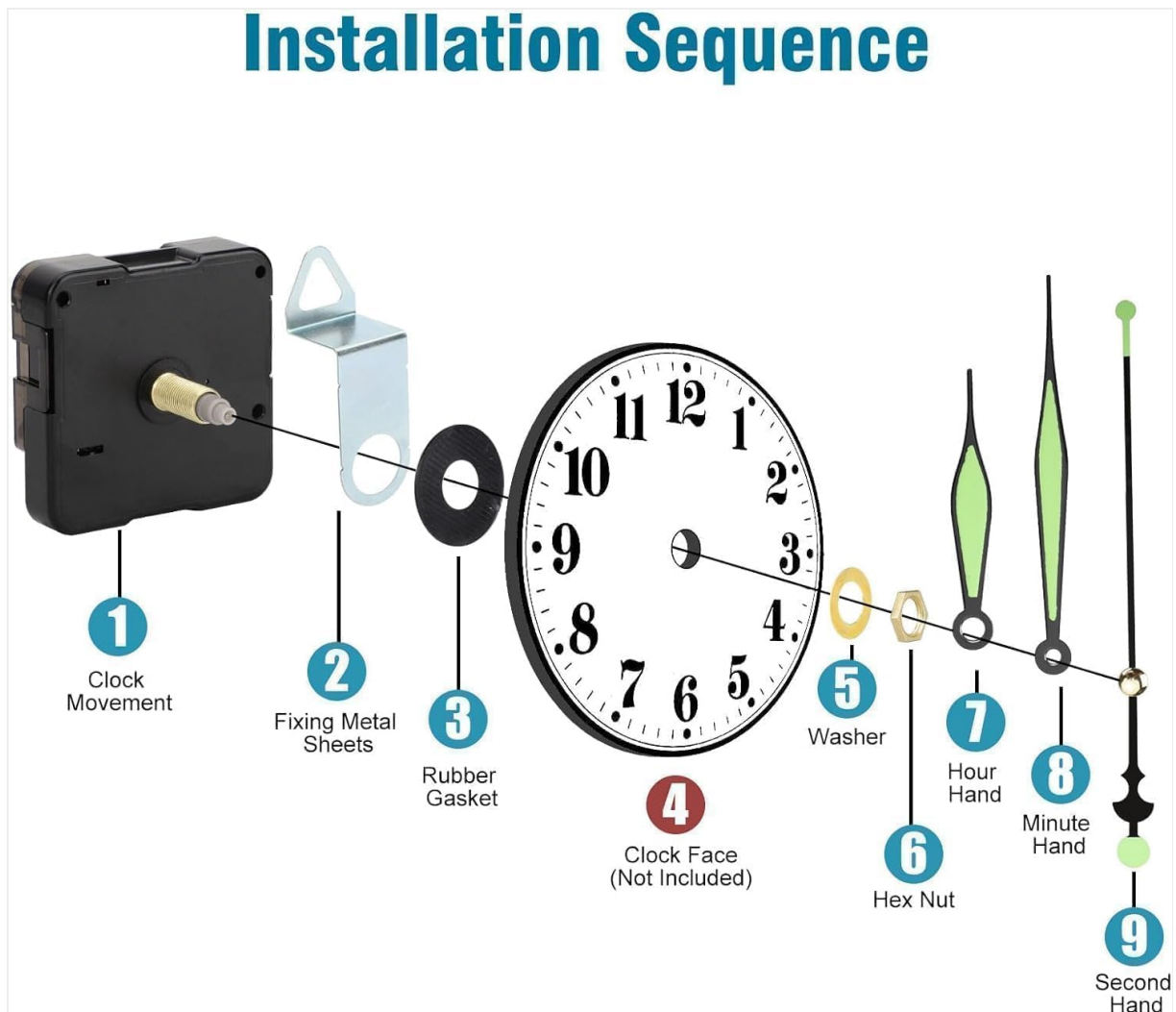


Image: Step-by-step diagram showing the correct installation sequence for the clock movement, including the clock movement, fixing metal sheet, rubber gasket, clock face (not included), washer, hex nut, hour hand, minute hand, and second hand.

## Battery Installation

Insert one (1) AA battery (not included) into the battery compartment on the back of the clock mechanism, ensuring correct polarity (+/-).

## Important Notes for Installation

- Ensure the hour hand and minute hand are parallel to each other and do not touch.
- Avoid applying excessive pressure during installation to prevent bending the hands or damaging the mechanism.

- Verify that all hands clear each other and the clock face as they rotate.

## OPERATING INSTRUCTIONS

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### Setting the Time

To set the correct time, gently rotate the adjustment knob located on the back of the clock mechanism. Turn the knob clockwise until the hands display the desired time.

### Silent Operation

The EEEKit Quartz Clock Mechanisms feature an ultra-quiet sweeping motion for the second hand, ensuring a tranquil environment suitable for bedrooms, offices, and other quiet spaces.



Image: A visual representation of the silent operation feature, showing a person sleeping peacefully near a clock, with an icon indicating quietness.

## MAINTENANCE

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### Battery Replacement

Replace the AA battery annually or when the clock stops functioning or begins to lose time. Always use a fresh,

high-quality AA battery for optimal performance.

## Cleaning

To clean the clock hands and mechanism, gently wipe with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as these can damage the components.

## TROUBLESHOOTING

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### Clock Not Moving or Incorrect Time

- **Check Battery:** Ensure the AA battery is inserted correctly with the proper polarity and has sufficient power. Replace with a new battery if necessary.
- **Hand Interference:** Verify that the clock hands are not bent, touching each other, or rubbing against the clock face or glass cover. Gently adjust the hands if they are interfering.
- **Secure Installation:** Confirm that the hex nut securing the mechanism to the clock face is tightened appropriately. Loose components can affect timekeeping.
- **Shaft Compatibility:** Ensure the chosen mechanism's shaft length is compatible with your clock panel's thickness. An incorrect shaft length can lead to improper hand attachment.

## SPECIFICATIONS

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<b>Product Dimensions</b>	3.54 x 1.5 x 9.25 inches
<b>Item Weight</b>	12.7 ounces
<b>Item Model Number</b>	H392230-E001994497FBA
<b>Batteries Required</b>	1 AA battery (not included)
<b>Shaft Lengths</b>	22mm, 16mm, 13mm
<b>Compatible Panel Thicknesses</b>	1-13mm (depending on shaft length)
<b>Material</b>	High-quality Aluminum and ABS Plastic

## WARRANTY INFORMATION

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Warranty information for the EEEKit Quartz Clock Mechanisms is not explicitly provided in the available product data. For details regarding product warranty, please refer to the official EEEKit website or contact the seller directly.

## CUSTOMER SUPPORT

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For technical assistance, troubleshooting guidance beyond this manual, or any other inquiries regarding your EEEKit Quartz Clock Mechanisms, please contact EEEKit customer support through their official website or the platform where the product was purchased.

