

Manuals.plus /

› Dans Clock Shop /

› Dans Clock Shop HD-1688 Sheng Bang Quartz Clock Movement Instruction Manual

## Dans Clock Shop HD-1688

# Dans Clock Shop HD-1688 Sheng Bang Quartz Clock Movement Instruction Manual

Model: HD-1688

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your HD-1688 Sheng Bang Quartz Clock Movement. Please read these instructions carefully before installation to ensure proper function and longevity of your clock movement.

## PRODUCT OVERVIEW

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The HD-1688 Sheng Bang Quartz Clock Movement is a fully automatic, single-band UK MSF radio-controlled movement designed for wall clocks. It features automatic time synchronization and automatic summer/winter time changes. This movement is also designed to accommodate a pendulum drive unit (not included) to swing a pendulum weighing up to 100g.

### Key Features:

- Radio-controlled for accurate timekeeping.
- Automatic summer/winter time adjustment.
- Integrated pendulum drive capability (pendulum not included).
- Suitable for clock dials up to 5mm thick.
- Operates on 2 AA batteries (not included).



Image: Overview of the HD-1688 clock movement, including the main unit, clock hands, and mounting hardware (rubber washer, golden metal washer, hexagonal nuts).

## SETUP AND INSTALLATION

- 1. Prepare the Clock Dial:** Ensure your clock dial has a central hole suitable for the movement shaft. The movement is designed for clock dials up to 5mm thick.
- 2. Insert Batteries:** Open the battery compartment on the back of the movement. Insert 2 AA batteries, ensuring correct polarity.



Image: Rear view of the HD-1688 movement, displaying the battery compartment and control buttons (M.SET, RESET, REC).

### 3. Mount the Movement:

- Insert the movement shaft through the central hole of your clock dial from the back.
- Place the black rubber washer, then the golden metal washer, and finally secure with the hexagonal nut on the front side of the dial. Tighten gently to hold the movement in place.

### 4. Attach Clock Hands:

- If your clock hands come with a protective joint, remove it before installation.
- Carefully press the hour hand onto the hour shaft, followed by the minute hand onto the minute shaft. Ensure they are parallel and do not touch each other or the dial.
- Finally, press the second hand (if applicable) onto the central pin.
- Measurements for hands are taken from the center of the minute hand hole to the tip of the minute hand.

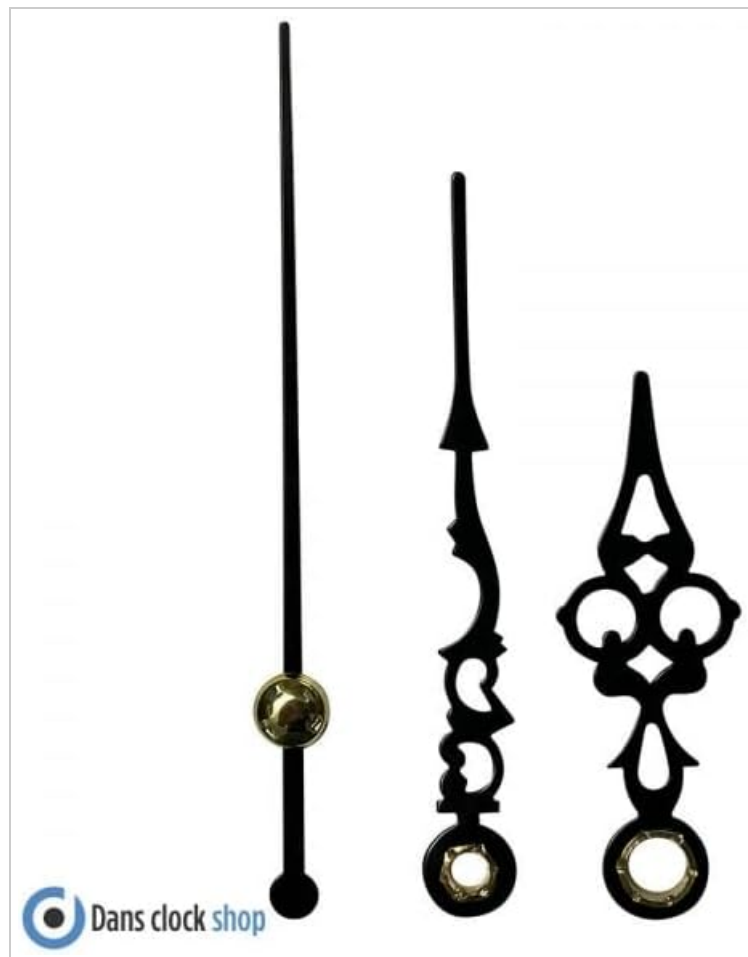


Image: Close-up view of the black clock hands (hour, minute, second) with golden accents, designed for the HD-1688 movement.

5. **Install Pendulum Drive Unit (Optional):** If using a pendulum, slide the pendulum drive unit (not included) onto the bottom of the movement. The movement is designed to swing a pendulum up to 100g.





Image: The HD-1688 clock movement with an attached pendulum drive unit, illustrating how a pendulum would be connected.

## OPERATING INSTRUCTIONS

Once batteries are installed and the movement is mounted, the HD-1688 will automatically search for the UK MSF radio signal to synchronize the time. This process may take a few minutes. Ensure the clock is placed in an area with good radio signal reception, away from large metal objects or electronic interference.

- **Automatic Synchronization:** The movement will automatically set itself to the correct time upon receiving the MSF signal.
- **Automatic Time Change:** The movement will automatically adjust for summer and winter time changes.
- **Manual Setting (if needed):** Use the 'M.SET' button on the back of the movement for manual time adjustments if the automatic synchronization is not immediately successful or if you are outside the MSF signal range. Refer to the small diagram on the back of the movement for button functions.

## MAINTENANCE

- **Battery Replacement:** Replace batteries annually or when the clock hands stop moving or become erratic. Always use 2 new AA batteries.
- **Cleaning:** Clean the exterior of the movement and clock hands with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- **Environment:** Keep the clock movement in a dry environment, away from extreme temperatures and direct sunlight.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock not running or hands stopped.	Dead or low batteries; improperly inserted batteries.	Replace with fresh AA batteries, ensuring correct polarity.
Incorrect time displayed.	Poor radio signal reception; initial synchronization not complete.	Move the clock to a location with better signal. Allow up to 24 hours for synchronization. Use manual setting if necessary.
Clock hands are stuck or rubbing.	Hands are not properly aligned or are bent.	Carefully remove and re-align the hands, ensuring they do not touch each other or the clock dial.

## SPECIFICATIONS

- **Model Number:** HD-1688
- **Brand:** Dans Clock Shop
- **Movement Type:** Quartz, Radio-Controlled (UK MSF)
- **Power Source:** 2 x AA Batteries (1.5V)
- **Movement Dimensions (H x W x D):** 140 mm x 58 mm x 30 mm (excluding shaft length)
- **Total Shaft Length:** 14 mm
- **Thread Length:** 7 mm
- **Suitable Dial Thickness:** Up to 5 mm
- **Pendulum Capacity:** Up to 100g (pendulum not included)
- **Material:** Plastic (Movement body), Metal (Shaft, hands, washers)
- **Color:** Black
- **Weight:** Approximately 100g

## WARRANTY AND SUPPORT

For any questions, technical assistance, or support regarding your HD-1688 Sheng Bang Quartz Clock Movement, please contact the seller, Dans Clock Shop, directly through your purchase platform. Please retain your proof of purchase for any warranty claims.

While specific warranty details are not provided, most manufacturers offer a limited warranty against defects in materials and workmanship. Contacting the seller is the best first step for support.

