MD693/ HD-1688 WOODEN RADIO-CONTROLLED GRANDFATHER CLOCK WITH "WESTMINSTER" CHIMES

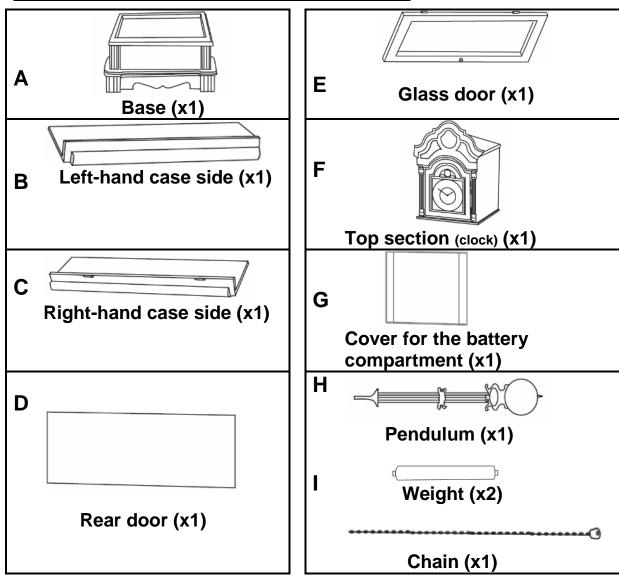
INSTRUCTIONS

PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE YOU SET YOUR CLOCK GOING AND ENSURE YOU KEEP HOLD OF THESE INSTRUCTIONS SHOULD YOU NEED TO REFER TO THEM.

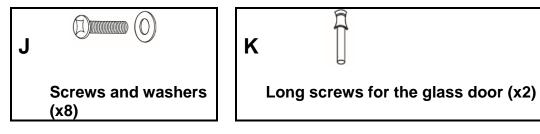
- PRIOR TO USE: Please remove the pointer at the centre of the movement, located on the back of the clock, to ensure that the clock works once the batteries are inserted.
- The assistance of a second person is required for the assembly of the clock.

DESCRIPTION OF THE CLOCK AND ITS ELEMENTS

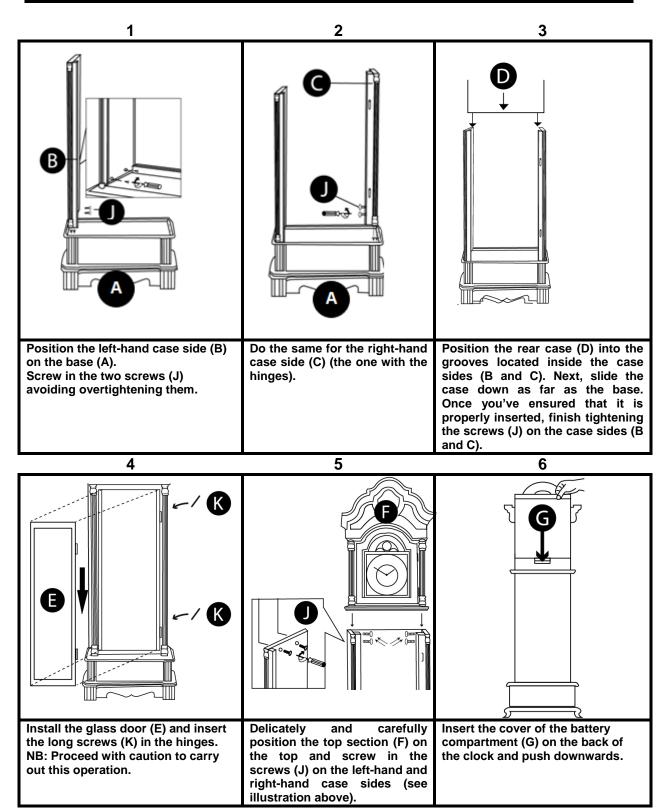
Description of the elements that make up this clock:



Fixings



ASSEMBLY OF THE CLOCK



TECHNICAL SPECIFICATIONS

Batteries required:

- Movement: 1 x AA/LR06, 1.5V
- Speaker: 2 x AA/LR06, 1.5V each
- Pendulum: 2 x C/ LR14, 1.5V ====

SETTING UP OF THE PENDULUM

Before hanging the pendulum, remove the plastic packaging from around the metal chains and fasten the weights (I) to the latter.

Comment: The weights are for decorative purposes only and must not be placed in the middle as this is where the pendulum is sited.

Next, pull the cover of the battery compartment (G) upwards.

<u>NB</u>: A hook positioned on the side (see illustration opposite) enables you to lock the cover so it doesn't suddenly drop down. To do this, turn the hook towards you. Next, position the cover over the gold hook so as to lock the cover in place.

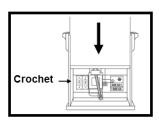
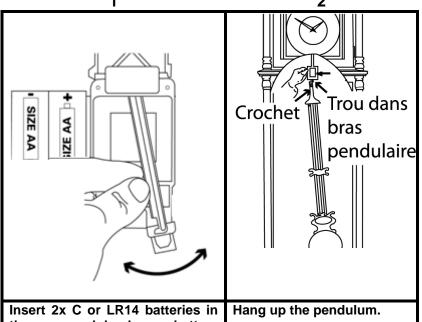
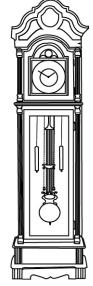


Fig. 1





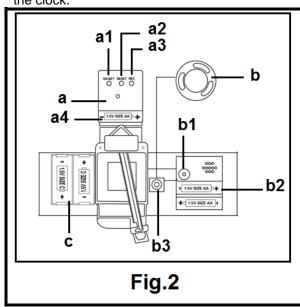
3

Insert 2x C or LR14 batteries in the pendulum's battery compartment at the back of the clock, respecting the polarities. To site it, see illustration 2 above, letter c. Before hanging the pendulum, gently swing the crutch.

Your clock is assembled.

SETTING UP THE CLOCK

Before setting up your clock, familiarise yourself with the different battery compartments on the back of the clock.



- a. Movement
 - a1. MSET button
 - a2. RESET button
 - a3. REC button
 - a4. Battery compartment (movement)
- b. Speaker
 - b1. Volume test button
 - **b2.** Battery compartment (speaker)
 - b3. Volume test button
- c. Battery compartment (pendulum)

- 1. Locate the movement (a) and remove the pointer at the centre of the latter to ensure that the clock works once the batteries are inserted.
- **2.** Install the LR06 battery in the movement's battery compartment (**a4**), respecting the polarities indicated on the base of the compartment.
- 3. A few seconds after the batteries are inserted, the hands will turn. See the procedure below.

AUTOMATIC RECEPTION

DURING AUTOMATIC RECEPTION, DO NOT MOVE THE HANDS OF THE CLOCK! DO NOT HANDLE THE DEVICE AT ALL DURING THE AUTOMATIC TIME SETTING!

The clock automatically receives the DCF signal during insertion of the battery in the battery compartment (a). The hour, minute and second hands automatically reboot at the 04:00am or 12:00 noon position and the clock enters signal receipt mode. The complete procedure lasts around 3 to 15 minutes. The time will be automatically updated where the signal reception is successful.

POOR RECEPTION

During the first 24 hours, the clock will attempt to pick up the signal every hour until it sets itself automatically.

If the clock still hasn't set itself within this timeframe, this may be due to the following reasons:

- If you're located over 1,500km from the transmitter in Frankfurt,
- The region's topography and weather conditions can affect the reception of the signal.
- The proximity of electrical appliances without an anti-jamming device
- The proximity of a television set (within 2 metres)
- The proximity of a high frequency transmitter device
- The proximity of a metal structure

Where no signal is received, you can either activate the manual, forced reception of the signal by pressing the REC button for 10 seconds, or set the clock manually by pressing the "M.SET" button (see procedure for manual setting below).

MANUAL SETTING

Using the tip of a pen if necessary, press the "M.SET" (a1) button on the back of the clock to manually set the time. If you press it once, the time goes forward a minute. If you press twice, the time goes forward two minutes. If you press and hold, the minute hand moves forward quickly. Continue to press it until you reach the desired time. Once the time has been set, release the M.SET (a1) button. Press the "REC" (a3) button to come out of manual setting mode and the clock will then operate in automatic mode. The device comes out of setting mode if no button is pressed for a few seconds.

MANUAL AND FORCED RECEPTION

Using the tip of a pen if necessary, press the "REC" (a3) button on the back of the clock for 10 seconds. The hour, minute and second hands automatically reboot at the 12:00 noon position and the clock enters into automatic signal reception mode. The complete procedure lasts around 3 to 15 minutes.

If the hands don't move forward to the current time after receiving the signal, press on the "REC" (a3) button again for 10 seconds so that the clock automatically sets itself to the exact time.

COMMENT: In the event that the signal reception is interrupted, the clock repositions itself at the 12:00 noon position.

Using the tip of a pen if necessary, press on the "REC" (a3) button for 4 seconds to receive the signal. If the clock still doesn't work after an hour, press the "REC" button once again for 10 seconds.

It may be necessary to wait for 4, 12 or 24 hours before receiving the signal. On receipt of the DCF signal, the hands move forward until they reach the current time. This process may take between 5 to 15 minutes.

REBOOTING

Using the tip of a pen press the "RESET" (a2) button to reboot the clock. The hour, minute and second hands automatically reboot at the 12:00 noon position and enter into automatic signal reception mode.

SETTING THE CHIME (WESTMINSTER CHIMES):

This clock is set to chime from 06:00am to 21:00pm. As such it does not chime between 22:00pm and 05:00am.

Insert 2x LR6 batteries in the speaker's (**b2**) battery compartment respecting the polarities. The clock will chime on the hour. The number of strikes after the melody corresponds with the time indicated on the clock.

NB: If the volume is low, adjust the volume of the chime.

RESOLVING FREQUENT PROBLEMS

Problems	Solutions
 The hands of the clock still don't move forward once the batteries are inserted. The clock doesn't show the correct time because it didn't receive a signal within 15 minutes of inserting the batteries. 	Procedure: check that the batteries are correctly inserted. Place the clock in another room or several metres away from any computer, television, air conditioner or other device and preferably near a window. Hold down the "REC" button to restart reception.
The clock doesn't chime on the hour every hour.	Procedure: check whether the volume is set to OFF (Stop) and that the batteries are not the wrong way round. Where this is not the case, change the batteries.

IMPORTANT ADVICE

- Keep your clock clean and protected from moisture and corrosive elements.
- If you position the clock in a different place to usual, this may lead to minor time inaccuracies
 due to the change of longitude, temperature and altitude.
- Keep hold of these instructions so you can consult them at a later date.

WARNING

- 1. To prevent the clock from toppling over, the latter must be placed on a flat, solid surface.
- 2. Thoroughly check the stability of the clock before leaving it in its place, especially if it is positioned on a carpet.
- 3. Check its stability again within the next hour making sure it hasn't moved.
- 4. Incorrect installation may damage the clock and/or cause injury.
- 5. Once you've finished the setting up your clock and you've noted that it is working correctly, get rid of all the packaging and place this out of the reach of children.
- 6. Don't let children climb on the clock or pull the pendulum. They might damage the clock, cause it to fall over and injure themselves.
- 7. Don't place anything on top of the clock as it might destabilise it. This might affect the chiming and the clock could fall over.
- 8. When you move the clock, you must take care not to topple it as you could damage it and/or injure yourself.

MAINTENANCE

• Wax and maintain the clock's wooden casing as often as you do for your other wooden furniture. Regularly clean the outside of the glass on your clock.

WARNING ABOUT THE BATTERIES

 Do not mix alkaline, ordinary (carbon-zinc) and rechargeable (nickel metal hydride) batteries.

- Do not mix new and used batteries.
- Do not try to recharge non-rechargeable batteries.
- Remove rechargeable batteries from the device (if possible) before charging them.
- The rechargeable batteries must always be recharged under adult supervision.
- · Remove used batteries.
- Do not short-circuit the supply terminals.
- Always use batteries of the recommended or equivalent type.
- · Respect the polarity of the batteries.

WARNING: You should not dispose of this device with your household waste. A selective collection system for this type of product is implemented by your local authorities. Please contact your local authorities to find out how and where collection takes place.

These restrictions apply because electrical and electronic devices contain dangerous substances that have harmful effects on the environment or on human health and must be recycled.

This symbol indicates that electrical and electronic devices are collected selectively. The symbol shows a waste container crossed out with an X symbol.

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