

CLOCK SET UP INSTRUCTIONS

1. Move the clock close to its final location. Make sure the clock is positioned firmly on the floor. Levelers are provided on the bottom of the cabinet. (See figure 1). **WARNING :** ENSURE CLOCK IS POSITIONED SQUARE AND FIRM ON THE FLOOR SO THAT IT WILL NOT FALL OVER. ADJUST LEVELERS FOR MAXIMUM STABILITY AND PROPER ALIGNMENT.
2. Access to the clock's quartz movement, is made in two possible ways; through the front door(s), or through the upper back access panel. If access is not possible through the front door(s), then you will need to remove the upper back access panel. This panel was secured for shipment with retainer clips. (See Figure 2) Turn the retainer clips to allow the back access panel to slide out of the grooves. Replace this panel after set up is complete, and turn the retainer clips to hold it in position.
3. Some clocks have decorative chains and weight shells. The chains _____ are used to support the decorative weight shells, and have been secured for shipment in a bag and are located directly under the quartz movement. As you remove the chains from the bag, please notice each chain has a hook at the end. These hooks are used to hang the decorative weight shells. (See figure 3).

WARNING : KEEP PLASTIC BAGS AND SMALL PARTS AWAY FROM CHILDREN.

QUARTZ MOVEMENT INSTRUCTIONS

SETTING THE TIME

1. Before inserting the batteries (Figure 6), adjust the time to **5:50** by using the Time Setting knob (Figure 6) to rotate the hands **CLOCKWISE**.
2. Install two "C" size alkaline batteries according to the +/- symbols in the battery holders. (Figure 6)
Do not install the batteries on the Pendulum Drive motor at this time. (Figure 7)
3. Set the time by using the Time Setting knob (Figure 6) to rotate the hands **CLOCKWISE**. If setting the time for PM, make sure the hour hand passes through 12 o'clock noon until the desired time is shown. While setting the time, it is normal to hear sounds from the movement or speaker. Continue advancing the time until the correct time is shown. Once the time is set, the melody will adjust to the time selected, however, it is important that the clock movement be allowed to operate for at least one hour for the chime sequence to become fully functional. The clock may chime out of sequence during the first hour of operation. The quartz movement is highly accurate and has been adjusted at the factory for precise time keeping.

SETTING THE MELODY (SEE FIGURE 6)

SELECT: Use the chime SELECT switch to select the chime melody according to the following settings:

4X4 WESTMINSTER	= Westminster melody and Hour Strike on the hour. Additionally ¼ of the melody at quarter past the hour, ½ the melody at half past the hour, ¾ of the melody at three-quarters past the hour, and the full melody on the hour.
4X4 A VE MARIA	= Ave Maria melody and Hour Strike on the hour. Additionally ¼ of the melody at quarter past the hour, ½ the melody at half past the hour, ¾ of the melody at three-quarters past the hour, and the full melody on the hour.
WESTMINSTER	= Westminster melody and Hour Strike on the hour. No ¼, ½, ¾ melody during the hour.
BIM BAM	= Bim Bam strike on the hour (i.e. at 1 o'clock, 1 strike of "bim-bam", at 2 o'clock then 2 strike of "bim-bam", etc.) No melody.

VOLUME CONTROL (SEE FIGURE 6)

VOLUME : Turn the Volume Control Knob to adjust the volume.

SOUND: Use the SOUND switch to select the sound options according to the following settings:

PM11:00-AM5:45 NIGHT	OFF	= turns off the chime melody and strike from 11:00PM to 5:45AM (Automatic Nighttime volume shut-off)
24 Hr	ON	= the chime melody and strike are always ON
	OFF	= the chime melody and strike are always OFF

OTHER FEATURES (SEE FIGURE 6)

MONITOR: Press the MONITOR button to demonstrate the hourly chime melody.

SET: Advances the hour strike count without advancing the time shown on the clock. Hour strike may not match time shown on clock after pressing the SET button.

RESET: Resets the next hour strike count to 6:00AM. If after at least one hour, the hour strike count does not match the time:

- set the time to 5:50 by using the Time Setting knob to rotate the hands CLOCKWISE
- press the RESET button
- set the time to the desired time by using the Time Setting knob to rotate the hands CLOCKWISE

(If setting PM time, make sure the hour hand passes through 12 o'clock noon until the desired time is shown.)

PENDULUM SET-UP (for pendulum movements only)

1. Release the Pendulum Guide from the Transport-Locking Pin (Figure 7) by gently pushing it sideways, allowing the guide to hang freely.
2. Hang the pendulum on the pendulum guide. (Figure 4 & Figure 7)
3. Install two "D" size alkaline battery for pendulum drive. (Figure 7)
4. Move the pendulum to the far left of center and release. (Figure 5)
5. Let the clock operate a few minutes until the pendulum settles into an even swinging motion.

BATTERY REPLACEMENT

If the clock begins to lose time, chime weakens, or pendulum stops to swing, this is the sign of weak or exhausted batteries. Replace with new alkaline batteries.

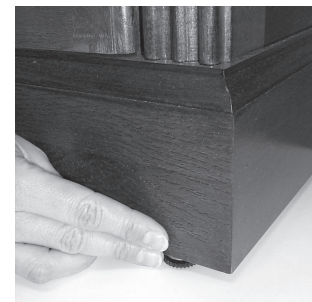


FIGURE 1
FIGURA 1
FIGURE 1
ABBILDUNG 1

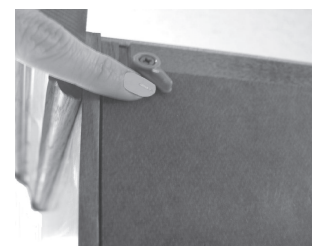


FIGURE 2
FIGURA 2
FIGURE 2
ABBILDUNG 2



FIGURE 3
FIGURA 3
FIGURE 3
ABBILDUNG 3

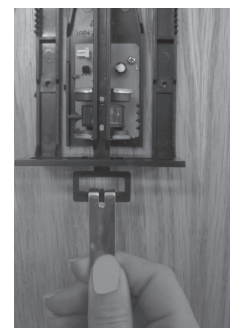


FIGURE 4
FIGURA 4
FIGURE 4
ABBILDUNG 4

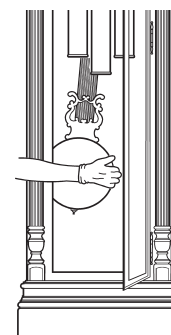
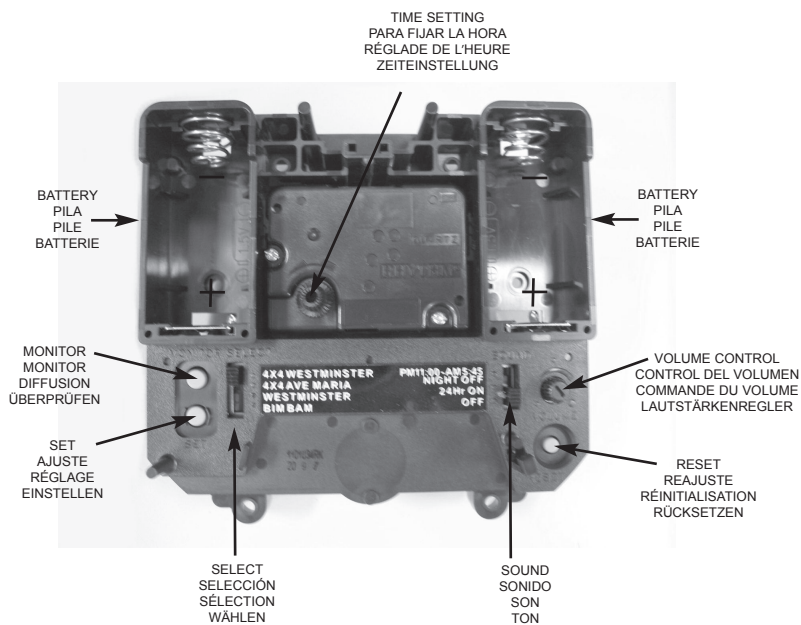
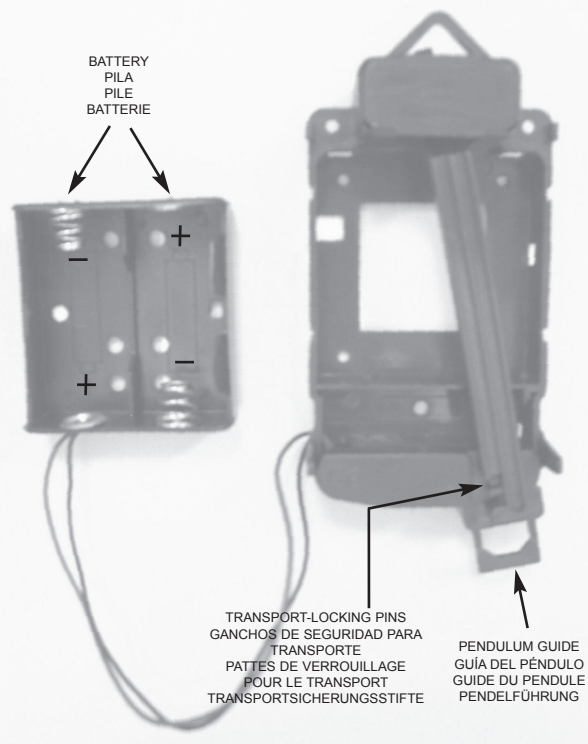


FIGURE 5
FIGURA 5
FIGURE 5
ABBILDUNG 5



QUARTZ MOVEMENT - FIGURE 6
MOVIMIENTO CUARZO - FIGURA 6
MÉCANISME AU QUARTZ - FIGURE 6
QUARZGEHWERK - ABBILDUNG 6



PENDULUM DRIVER - FIGURE 7
IMPULSOR DEL PÉNDULO - FIGURA 7
ENTRAÎNEMENT DU PENDULE - FIGURE 7
PENDELANTRIEB - ABBILDUNG 7

LIMITED WARRANTY

This product has been manufactured using only the very finest of materials and has been thoroughly tested prior to leaving our manufacturing facility.

Howard Miller warrants to the original consumer/purchaser or recipient that this product will be free from defects in material and workmanship under normal use and service for a period of two years from date of purchase. Howard Miller's obligation under this warranty shall be limited to repairing the product with new or renewed components or, at its option, replacing it with a new or renewed product. This warranty does not include damage to product or components resulting from abuse, accident, alteration, climatic/environmental conditions, damage beyond normal use, freight damage, mishandling, misuse, or unauthorized repair. This warranty is void if any service is performed by an unauthorized person or sold by anyone other than an authorized Howard Miller dealer.

HOWARD MILLER DISCLAIMS ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY. IMPLIED WARRANTIES ON THIS PRODUCT SHALL BE IN EFFECT ONLY FOR THE DURATION OF THE EXPRESS WARRANTY SET FORTH ABOVE AND THEREAFTER, THERE SHALL BE NO WARRANTIES, EXPRESS OR IMPLIED, (INCLUDING MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE), ON THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages or the limitation on how long an implied warranty lasts so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

SERVICE INFORMATION

Howard Miller offers a limited 2-year warranty on floor clocks from the original date of purchase or date of receipt if the product was a service award. In the unlikely event that your product appears to be malfunctioning or requires repair within the warranty period, please contact your retailer or the company who provided the item if it was an award. They will be your first resource for information regarding your warranty and service options.

If your product is more than one year old from the date of purchase or receipt as an award, your product is no longer under the manufacturer's warranty. Support for products that are no longer under warranty is available through the "Help Center" at www.howardmiller.com.

We recommend that you carefully read and follow all instructions provided with your Howard Miller product before pursuing service. These instructions will provide detailed information to answer most questions.

To find additional information regarding your product, to order parts or to find a service center, please go to the "Help Center" located at www.howardmiller.com. The "Help Center" also has links to product manuals, instructions, videos and frequently asked questions.

Before contacting your retailer, award provider or a service center, please have the following information available. The model number and serial number can be found on the Product Information Label which is normally on the back or bottom of the product.

Model Number: _____
Serial Number: _____
Date Purchased: _____
Where Purchased: _____

If your floor clock was shipped directly to you, it is your responsibility to report freight loss or damage to the carrier and your retailer or award provider. If the carton indicates signs of "visible damage", instruct the driver to note the damage on the freight bill. If damage is found after the item has been delivered, notify your retailer or award provider and the carrier immediately. Many carriers require notification within 2 days. Failure to notify the carrier within their required time frame may waive your rights to a damage claim and you may be liable for the damage.

