

Eight-tone Machine Floor Clock Instruction Manual

1. Receipt and Installation

① Unboxing: First, remove the accessories (as shown in Figure 1): A - Instruction manual accessory box; B - Pendulum box; D - Bell hammer box. Then, take out C - Floor clock from the box and place it in the designated position.

② Remove the protective device: Open the clock door, loosen the chain bindings, and remove all the fixtures from between the tuning fork rod/lever pendulum rod and other components, such as rubber, cardboard, foam, etc.

③ Start the pendulum (as shown in Figure 2-3): Before hanging the pendulum, ensure the floor clock is placed stably. If necessary, adjust the foot pads. First, hang the pendulum, then hang the pendulum weight. After that, start the pendulum: Push the pendulum horizontally until it is close to one of the glass ICMs and release it to allow the pendulum to swing back and forth due to inertia. During the swinging process, the clock will make a uniform "drip" sound, indicating that the clock is operating normally.

④ Time Adjustment: Rotate the minute hand clockwise to set the current time. Note: Before adjusting the time, turn off the alarm first to prevent any disruption to the normal alarm function.

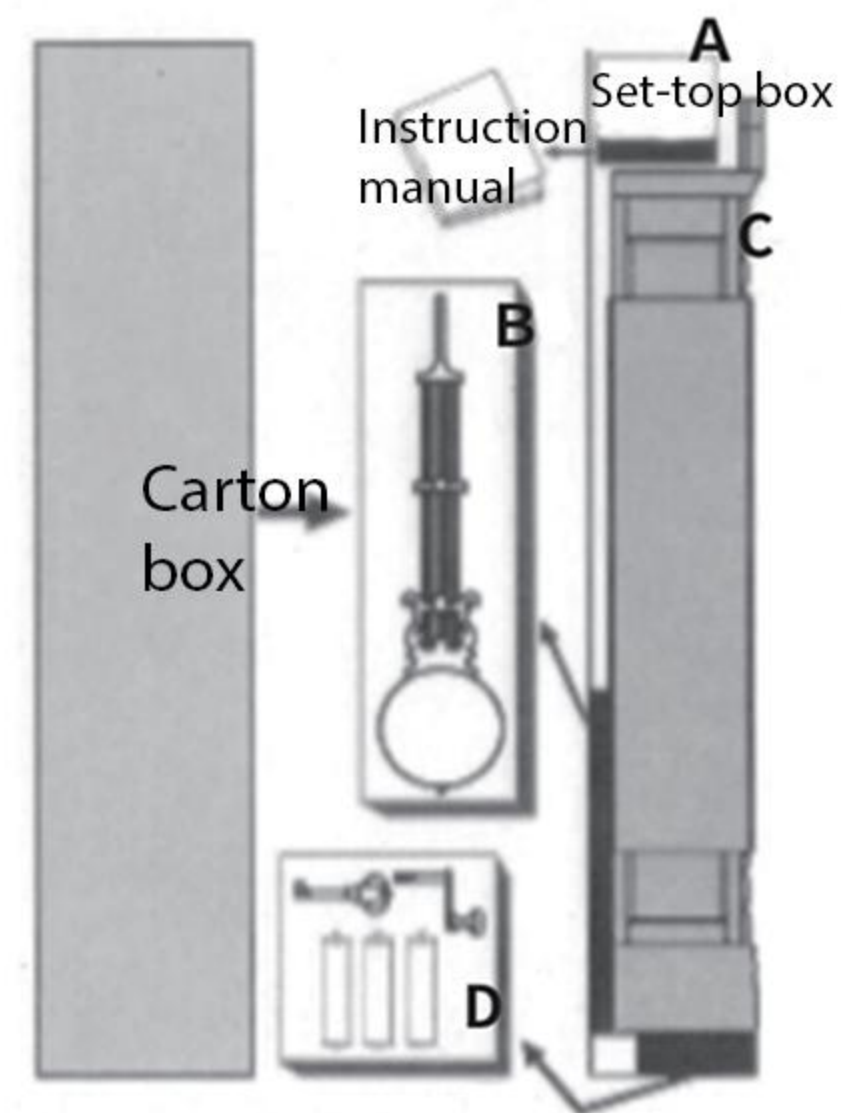


Figure 1

②The hour chime is driven by gravity to strike the time and announce the hour. The ascending chime can operate for 5 to 7 days at a time. The chime ascends to a height of 1.97” -3.15”centimeters from the clock face. The left chime: power for announcing the exact hour; the middle chime: power for keeping the time; the right chime: power for playing music every quarter hour.

3. Notes:

①The floor clock should be avoided from being placed in direct sunlight or other locations where it may be exposed to radiation . It should also be kept away from air conditioning or heating vents.

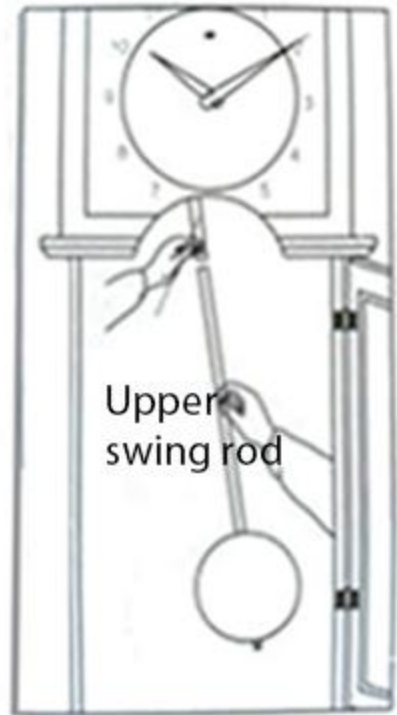


Figure 2



Figure 3

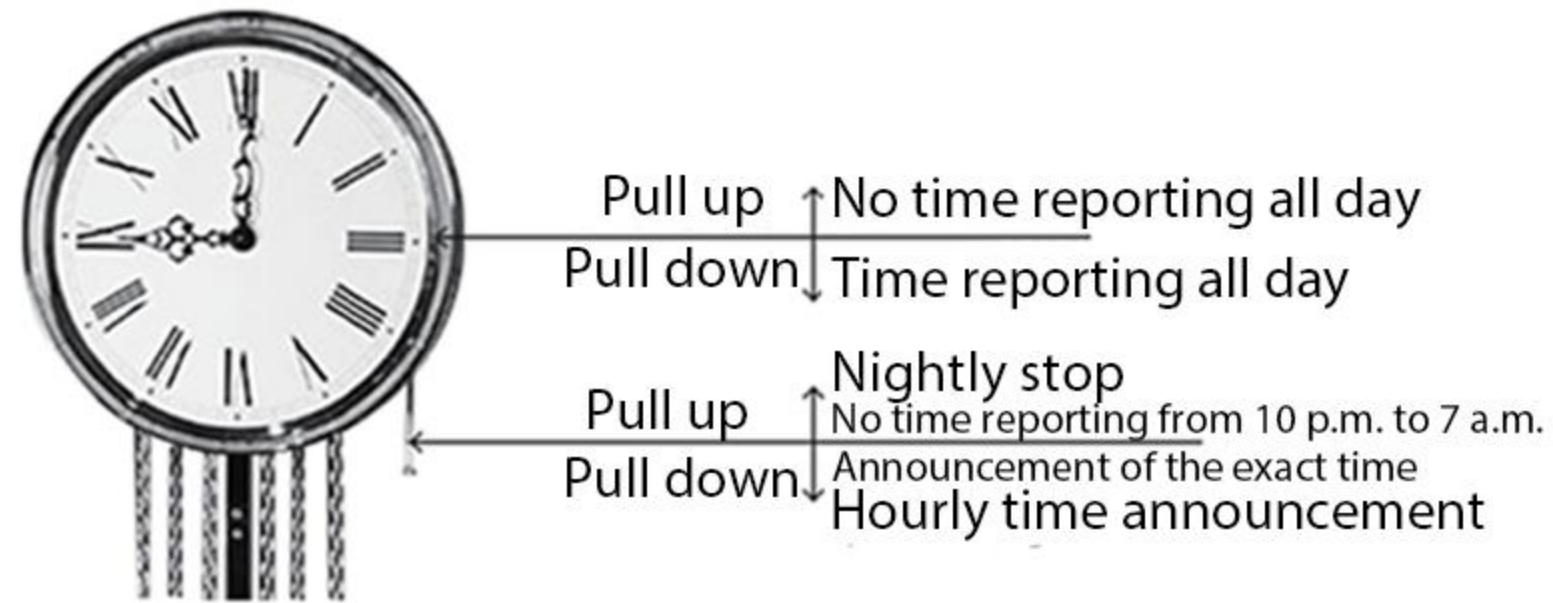


Figure 4

②When the floor clock is in operation, do not move or collide with it. If you need to move it, please first stop the pendulum swinging, and remove the pendulum bob and the pendulum.

③When lifting the hammer, it is strictly prohibited to hold the hammer with your hand. Just pull the chain at a constant speed.

④In particularly dry seasons and areas, a small cup of water can be placed at the base to maintain relative humidity and prevent the clock case from cracking; in particularly humid seasons and areas, it is recommended to put several packets of moisture absorbers inside the clock.

⑤If you are away from home for more than 7 days, it is recommended that you stop the pendulum for a while and restart it upon your return home to ensure accurate timekeeping.

⑥ When handling clocks and watches, please wear gloves.

⑦ Do not allow children to get close to the clocks.

4. Common Issues Debugging and Resolution

① Speeding up operation: First, push the pendulum disc upwards and fix it so that there is an empty gap between it and the nut. Then, rotate the nut clockwise upwards until it reaches the desired number of turns. After that, press the 5 discs downwards to tightly secure the nut. After adjusting, observe for 24 hours to confirm the error. Then, continue to adjust the nut. By repeating this process, the clock can be made to be more accurate.

Slow-down operation: Rotate the nut counterclockwise to lower it to the desired number of turns. Then pull down the disc and the upper vertical bar. After adjustment, observe for 24 hours to confirm the error. Then continue to adjust the nut. If the adjustment is made three times, it should be close to being accurate.

② Time Adjustment: When the number of strokes made does not match the hour hand position: After completing the strokes at the exact time, turn the hour hand counterclockwise to align it with the number of strokes, then turn the minute hand clockwise to the correct time
Failure to display time or incorrect time sound: If the stop signal pole is in the stop position, simply push it up; If there is any obstruction

affecting the timing with the sound lever and the sound lever, remove the obstruction; If there is any deformation of the sound lever and the sound tube rod causing misalignment and failure to display the time, manually adjust it to the correct position; Are there any iron wires or brackets stuck on the left chain? Remove them if present.

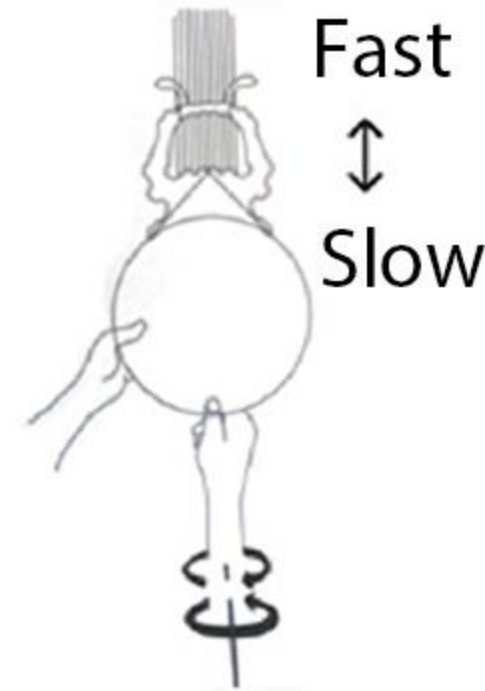


Figure 5

③ Clock stops or doesn't move properly:
Check if there are any obstructions on the pendulum rod/hammer chain. Remove them and then re-oscillate the pendulum;
Check if the pendulum swings unevenly or is rubbing against the clock frame, movement, sound lever, etc. If so, adjust the position and direction;
Check if the clock base is stable and straight. Ensure it is level and won't shake;
If the chain is not caught on the second gear, remove the clock hammer and install the chain;
Check if the swing plates are skewed or broken. Adjust or replace the swing spring plates if necessary.