

## AMANA FURNITURE SHOP FLOOR CLOCK INSTRUCTIONS

Dear Amana Clock Owner,

Thank you for investing in an original Amana floor clock. This manual is intended to provide you with the information required to set up and operate your Amana clock. Please read the instructions completely before beginning. Please contact us at the Amana Furniture Shop if you have any questions.

### UNPACKING AND SETTING UP

1. Carefully unpack and remove the clock from the shipping container. Locate the weights, pendulum, door key, winding crank and warranty.

### **PLEASE DO NOT DISPOSE OF ANY PACKING MATERIAL UNTIL YOU HAVE THE CLOCK SET UP AND OPERATING.**

2. All of the metal parts of your clock have been coated with a clear protective lacquer. The oils and perspiration on your hands can remove this lacquer and allow the metal to tarnish. Whenever handling the metal parts of your clock please use a soft cloth or gloves. If you do notice any marks or fingerprints on the metal gently wipe them with a soft clean cloth. **Never** use any type of metal cleaner or polish on your clock.
3. Place the clock in its permanent location. Using a bubble type level, level the cabinet from side to side and from front to back. On each corner of the bottom of the clock there is a leveling foot that can be screwed inward or outward to adjust the level. Please make sure the clock is resting solidly on all four feet and does not have excessive movement.
4. Obtain access to the movement by removing the upper side panels. The panels can be removed by reaching inside the clock along the side and rotating the small latch. With the latch rotated, turn the panel inward and downward to release it. Then remove the panel through the side opening. To install the panel, reverse the above sequence.
5. Remove the packing around the chime and strike hammers.
6. Remove the cardboard packing around the black chime rods.
7. Carefully remove the rubber band holding the hook on which the pendulum hangs. Be very careful not to twist or pull the pendulum hanger. This is a very critical part of your clock.
8. Carefully hang the pendulum onto the pendulum hook. Once again, please take care not to twist the hanger. Please double check to make sure the pendulum is securely attached to the hanger.
9. You will notice 3 foam blocks pinched between the bottom of the mechanism and the pulleys on which the weights will hang. **DO NOT ATTEMPT TO REMOVE THESE FOAM BLOCKS NOW.** Each of the weights will be marked on the bottom with their location on the clock (L-left, C-center, R-right). This location is as you are facing the clock. Carefully hang each weight onto its corresponding pulley.
10. To start the clock, hold the pendulum to one side of the case and gently release.
11. After the clock has run for 2 to 3 days the foam blocks on the pulleys should be free. Gently reach in and remove them. You will want to retain these foam blocks for future use.

**NOTE:** We suggest you retain **all** of the packing material. If you ever need to move the clock we ask that the packing be installed and the weights and pendulum be removed.

### OPERATION AND ADJUSTMENT

1. **MOON DIAL:** The moving moon dial on your clock will display the phases of the moon as it passes through its 29 ½ day cycle. The lunar phases are not connected in any way to the solar month. To set the moon dial, apply light pressure with your fingers to the front of the moon disc. Move the full moon image up until it is directly under the “15” of the moon arch. Then, using the newspaper or almanac, determine the number of days beyond the full moon it is and rotate the center of the moon disc clockwise that number of days. For example, if the full moon was 5 days ago, you would move the moon disc 5 additional days until the moon disc was under the “20” on the arch. **NOTE: IF THERE IS RESISTANCE WHEN MOVING THE MOON DIAL PLEASE WAIT SEVERAL HOURS AND TRY AGAIN.** If the clock ever stops you must reset the moon dial.
2. **SETTING THE TIME:** To set the correct time you may move the minute hand either forward or backward. If you go forward, you must stop at each quarter hour and allow the clock to chime and strike. If you go backwards, it is not necessary to stop at each quarter hour. If the clock **chimes** the wrong sequence at the quarters after you have set the time please allow the clock to run for 2 hours and it will correct itself.  
\*\*If the clock strikes the hours incorrectly, simply count the number of strikes it does strike and move the shorter hand to that number. Then use the above procedure to adjust the time.
3. **WINDING THE CLOCK:** Your clock will need to be wound at least once a week. To do this, place the winding crank into each of the three holes and slowly crank the weights upward until they stop. Please be gentle.

4. **ADJUSTING THE TIMEKEEPING:** After several days of running you should be able to tell if your clock is keeping good time. All clocks are run and adjusted here at Amana but you may still need to make adjustments. **TO ADJUST:** The adjustment is made by moving the round brass pendulum bob either upwards for faster or downward for slower. Turning the small knurled nut on the bottom of the pendulum moves the bob. By turning the nut to the **right** you can make the clock run **faster**, to the **left** for **slower**. One full turn of the nut is approximately one minute of change per 24 hours.

\*\*You must make sure that when you are turning the nut, the round brass bob is also moving. If the bob does not move, you will have no effect on the timekeeping.

\*\*There should be plenty of room for adjustment on your pendulum. Please keep trying. If you feel you are having no success, please contact us at Amana.

5. **CHIMING:** Your clock is provided with a triple chime/silent feature. This means that by moving the marked levers on the dial of your clock, you may choose between three different chiming melodies or silence.

**The lever arrangement on the right side of the dial is as follows:**

WHITT-Produces the Whittington chime each quarter

ST MICH-Produces the St. Michaels chime each quarter

WESTM-Produces the Westminster chime each quarter

SILENT-No chime or strike on any quarter or hour

**The lever arrangement on the left hand side of the dial is as follows:**

STRIKE-Hour striking will occur each hour

NIGHT OFF-Chiming and striking will be silenced between approximately 11:00 PM and 7:00 AM

SILENT-No hour striking will be heard from the clock

\*\*The markings on the dial are only approximate. You should feel a small click or notch at each position, this is the correct location for the lever.

PLEASE NOTE: If using the night off feature, the clock must be set correctly for a.m. and p.m. If the clock strikes during the night and is silent during the day, please adjust the time by 12 hours to reverse the sequence.

#### **FURTHER SUGGESTIONS**

1. **DO NOT** allow the clock to run down and stop before winding. If you will not be able to wind the clock before a week has elapsed, please stop the clock or make arrangements to have the clock wound.
2. The position of the chime and strike hammers have been set here at Amana. Unless you experience a specific problem with the sound, you may adjust the hammers by gaining access to the movement and bending the wires the hammers are mounted on to make a better sound. The hammers should rest approximately 1/8" from the rods and hit the rods squarely. **DO NOT** attempt to move the black chime rods located in the clock. The strike hammers on the left side also need to hit the rods squarely and not rattle upon each other.

#### **MAINTENANCE**

1. As with all mechanical devices maintenance is very important. We recommend that your Amana clock be serviced and oiled about every 3 to 5 years. The actual time required between servicing can vary due to local environmental conditions. The movement should also be cleaned about every third oiling. Again, this is only approximate and the actual intervals may vary.

We can provide you with an oiling kit if you would like to oil your clock yourself. We would also recommend that within the 5-year interval you would have the clock checked by a clock professional.

2. Please treat your Amana clock cabinet as you would any piece of fine furniture. A light dusting with a dry cloth and periodic cleaning with a high quality furniture polish is suggested. Please avoid any polishes with waxes, silicones or any products that may build up. If possible, please avoid frequent dusting in the clock case to reduce the amount of dust exposure to the movement.

If you experience **any** difficulty in setting up or operating your clock, please review the instructions. If you are still having a problem, please contact us at:

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