

MAHJONG MACHINE USER MANUAL

READ BEFORE USE

Keep this manual for installation, operation and maintenance reference.

FOR RECREATIONAL USE ONLY. DO NOT USE FOR GAMBLING.

USER MANUAL

Contents and Important Information

01	Digital Gear Setting Table
02	Gear Setting Procedure
03	Main Unit Installation
04	Installation Diagrams
05	Outer Frame and Retaining Trim
06	Operating Instructions
07	Precautions and Routine Maintenance

Before Use

Read the complete manual before installation or operation. Keep it for future setup, safety and maintenance reference.

Control Names

ON / OFF	Main power switch
START	Center lift-door / panel control
SET	Reset or ready indicator
DICE	Dice shaker button
Gear setting	Program matching tile count and wall layout

Model variation notice: This manual covers several outer-frame and control-panel configurations. Use the instructions that match the machine supplied. The four M6 stand-mounting screws may be M6 x 15 or M6 x 18 depending on model and production batch. Use only the screws supplied with the machine; do not substitute a different length.

Electrical safety: Connect only to a properly grounded three-pin outlet. Switch the machine OFF and unplug it before opening a panel or performing any inspection.

SETUP REFERENCE

Digital Gear Setting Table

Select the setting that matches the total number of tiles and the stack count on each of the four sides. The table supplied for this machine covers settings 00-37. Setting 00 is for manual testing. A value of 0 means that no stack is built on that side.

Setting	Total	S1	S2	S3	S4
00	Manual test				
01	144	18	18	18	18
02	140	17	18	17	18
03	136	17	17	17	17
04	128	16	16	16	16
05	120	15	15	15	15
06	112	14	14	14	14
07	108	13	14	13	14
08	100	12	13	12	13
09	72	12	12	12	0
10	106	13	13	13	14
11	138	17	17	17	18
12	116	14	15	14	15
13	110	14	14	14	13
14	84	14	14	14	0
15	84	12	10	10	10
16	84	10	11	10	11
17	40	10	0	10	0
18	137	17	17	17	17.5
19	72	9	9	9	9

Setting	Total	S1	S2	S3	S4
20	152	19	19	19	19
21	142	18	18	18	17
22	108	18	18	18	0
23	132	16	17	16	17
24	96	16	16	16	0
25	124	15	16	15	16
26	126	16	16	16	15
27	104	13	13	13	13
28	102	13	13	13	12
29	96	12	12	12	12
30	54	9	9	9	0
31	36	9	0	9	0
32	18	9	0	0	0
33	54	7	7	7	6
34	36	6	6	6	0
35	40	5	5	5	5
36	146	19	18	18	18
37	102	17	17	17	0

Do not load more or fewer tiles than the selected setting specifies. Use only the tile sets supplied for the machine. For this machine, setting 20 is the 152-tile American Mahjong configuration and setting 01 is the 144-tile standard Mahjong configuration.

ACTUAL MACHINE CONTROLS

Gear Setting Procedure

Use the two small buttons below the digital display to select the required setting. The exact button position may vary slightly by control-panel version.



1. With power ON, press the setting button to change the number shown on the display.



2. For the supplied 152-tile American Mahjong set, select setting 20.



3. After selecting the required setting, turn the main power switch OFF.



4. Wait 30 seconds, then turn the machine ON again to save and apply the selected setting.



5. For the 144-tile standard Mahjong configuration, select setting 01.



6. Setting 01 corresponds to 144 tiles. Do not disassemble the dice compartment.

Always wait 30 seconds before restoring power after changing the setting. Confirm the display before loading tiles.

STEPS 1-14

Main Unit Installation

- | | |
|---|--|
| <ol style="list-style-type: none">1. Open the support-base packaging box.2. Place a sheet of clean paper or cardboard, approximately 50 cm x 50 cm, on the floor.3. Remove the support base. Place it upside down on the paper or cardboard. Install the four leveling-foot screws from the accessory bag at the four corners.4. Turn the support base upright. Adjust the leveling feet until the base is level and stable.5. Cut the straps on the main-unit carton. Two people should stand on the sides with the hand holes and take a secure hold.6. Lift the main unit horizontally out of the carton and place it temporarily on a clear, level floor area.7. Remove the inner protective film and packing materials from the main unit. | <ol style="list-style-type: none">8. With two people, lift the main unit horizontally onto the support base. Keep the power cord clear and do not pinch it.9. Fasten the main unit to the support base using the four M6 stand-mounting screws supplied with the machine. Screw length varies by model or batch; use only the supplied screws.10. On the switch side, loosen the three outermost screws on the electrical-box cover just enough for the cover to move. Do not remove the screws.11. Protect the circuit board mounted on the cover. Do not bend, impact or pull the board or wiring.12. Attach the grounding terminal of the power cord to the point on the electrical box marked with the grounding symbol.13. Insert the power-cord connector fully into the socket on the switch panel.14. Slide the electrical-box cover back into its locking position and tighten the three loosened screws with a Phillips screwdriver. |
|---|--|

Two-person lift required. Use only the supplied M6 screws. Before connecting power, confirm that the cover is secured, grounding is attached and no wire is pinched.

Final Installation Check

Machine level and stable	[]
Four stand-mounting screws tightened	[]
Grounding terminal connected	[]
Power cord not pinched or damaged	[]
Electrical-box cover secured	[]
Grounded three-pin outlet available	[]

VISUAL REFERENCE

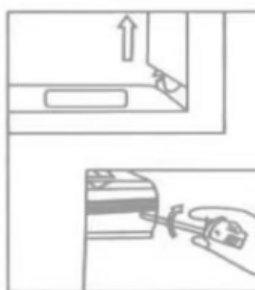
Installation Diagrams



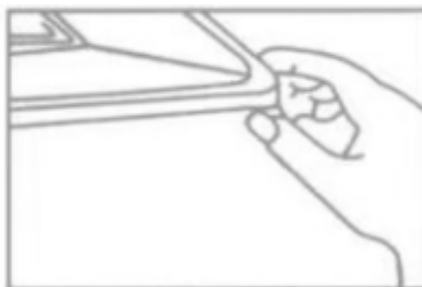
1. Place the main unit on the stand and align the corners. Route the power cord through the center opening without pinching it. Use the supplied four M6 screws.



2. Remove the power-box panel, pull out the three wire ends, connect matching plugs, reinstall the panel and tighten the four screws.



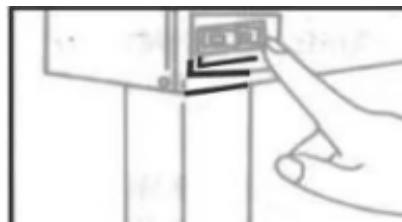
3. Install the outer frame and retaining frame or trim.



4. If the machine is not level, adjust the leveling screws at the bottom of the stand.



5. Insert the power plug securely into a grounded three-pin outlet.



6. Switch the power ON. The power indicator will illuminate.

INSTALLATION

Outer Frame and Retaining Trim

A. Plastic Outer Frame

- A1.** Hold each frame section with both hands and align its screw holes with the outermost holes in the main-unit support panel. Press the frame firmly against the unit while installing and tightening the supplied screws.
- A2.** Before tightening, visually confirm that every screw enters the correct empty hole in the support panel.
- A3.** Align the mitered ends of adjoining frame sections with the diagonal seam on the support panel, and make sure the sections fit tightly together.

B. Split Wooden Outer Frame

- B1.** Install the supplied hex-socket screws into the wooden-frame sections. Do not tighten them yet.
- B2.** Lift each section, align the two screws with the large outer holes in the panel support and hang the section in place. Repeat for all four sides.
- B3.** From inside the panel support, gradually tighten the screws on all four sides with the M4 hex key until the wooden frame fits securely.
- B4.** Align the mitered ends of adjoining wooden-frame sections and make sure every joint fits tightly.

C. One-Piece Wooden Outer Frame

- C1.** Two people should lift the one-piece frame horizontally, keep it parallel with the tabletop and lower it directly onto the main unit.

D. Retaining Trim / Pressing Frame

- D1.** Plastic trim: connect the four pieces tightly to form a rectangle.
- D2.** Solid-wood trim: connect the four pieces using the supplied short rods, corner plates and screws, forming four right-angle corners.
- D3.** One-piece trim: no assembly is required. Place it directly onto the installed machine after the outer frame is fitted.

STEPS 1-9

Operating Instructions

1. Make sure the power switch is OFF, then insert the plug into a properly grounded outlet.
2. Turn the power switch ON. The machine performs a self-check. Control-panel indicators flash in sequence. When the SET/reset indicator turns red and a beep sounds, the self-check is complete. This may take 1 to 60 seconds.
3. Press the two lift buttons at the same time. The center control panel rises. Load the first tile set into the shuffling ring. The tile count must match the selected gear setting. Use only the supplied tiles and never place foreign objects in the shuffling ring.
4. Press either lift button. The machine starts shuffling.
5. When the SET/reset indicator turns red, shuffling is complete. Press the two lift buttons together. The control panel rises. Load the second tile set with the same quantity.
6. Press either lift button. The first tile set rises to the tabletop while the second set is shuffled inside the machine.
7. Begin play. Press and hold the DICE button to shake the dice. Release it and allow the dice to stop naturally.
8. After the round, press the two lift buttons together. When the control panel rises, push all tiles from the tabletop into the shuffling ring.
9. Press either lift button. The previously shuffled set rises to the tabletop while the returned set is shuffled for the next round.

Never put a hand into the shuffling ring or inside the machine while power is connected.

STEPS 10-15

Operating Instructions

10. For continuous play with the same gear setting, repeat Steps 8 and 9. To change the gear setting, first raise all tiles to the tabletop and make sure no tiles remain inside. Switch the power OFF, select the new gear setting, wait 30 seconds, then switch the power ON again so the new setting is stored.
11. Dealer-continuation counter: when counting begins, the indicator shows the current repeat count, up to nine. The red light counts as 5; each green light counts as 1. Add the illuminated values to obtain the total.
12. After play, remove all tiles from inside the machine and place them in the dedicated tile box. This step may be omitted on models with automatic tile storage.
13. Switch the power OFF.
14. Unplug the power cord.
15. Cover the machine with the supplied protective cover.

When changing settings, do not leave any tiles inside the mechanism. Wait the full 30 seconds before restoring power.

Control Variations

Some machines use a single START button on the center lift door; others use two lift buttons. Follow the control layout fitted to your machine. When the SET indicator is lit, any START button may be used. On two-button models, press both START buttons together when instructed to open the center panel.

Quick Operating Sequence

1. PREPARE Choose the gear setting, confirm the tile count, lower the tabletop panel and reinstall the retaining frame.	2. LOAD & SHUFFLE Switch ON, open the center panel, load the first tile set and press START to begin shuffling.
3. PLAY & RECYCLE Load the second set. The first set rises. After play, return used tiles and close the panel for the next cycle.	4. SHUT DOWN Remove or store all tiles, switch OFF, unplug the power cord and fit the protective cover.

Quick cycle: play round -> open center panel -> return used tiles -> close panel -> next shuffled set rises.

SAFETY

Precautions and Routine Maintenance

Safety Precautions - Do not put hands inside the large tile tray; fingers may be cut or pinched. - Do not lift the tabletop while the machine is operating. - While power is connected, do not put hands anywhere inside the machine. Electric shock or sudden mechanism movement may cause injury. - Unplug the power cord promptly after use. - Keep hard mahjong tiles away from small children to prevent injury or accidental swallowing. - This machine is for recreational use only. Do not use it for gambling.	Routine Maintenance - Keep the machine away from direct sunlight, wind, frost, rain, snow and dusty locations. - Keep the tabletop level; do not place the machine on a pronounced slope. - Keep the tabletop clean and dry. Do not scratch the felt. - Prevent liquids from entering the machine. - Avoid severe impact and never strike the machine forcefully. - Clean the tiles regularly and keep them dry, smooth and clean. - Do not throw foreign objects into the large tile tray; they may damage the rotating mechanism. - Have qualified service personnel inspect internal wiring and clean dust from the counting sensor. Users must not service internal parts themselves.
--	--

Disconnect mains power before cleaning, inspection or maintenance. Internal service must be performed by qualified personnel.