

Clock Quest

MANUAL



Warning

- * Please read the manual before installation and use.
 - * Please put the manual together with the machine.
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I. Specifications and Technical Parameters



- 1) Operating voltage: AC 110V /220V - 240V 50/60 Hz
- 2) Maximum power: 170W
- 3) Overall dimensions: 700*750*1950mm
- 4) Weight: 143KG
- 5) Ambient condition: Temperature (indoors):0°C~35°C;
- 6) Humidity:≤90%;
- 7) Atmospheric pressure: 86Pa~106Pa.

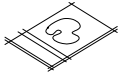
Warning: After shutdown, please wait 1 minute before turning it on.

Note: The above technical parameters are subject to adjustment without prior notice.

II. Spare part list

For the normal use of the machine, please check whether the following items are included carefully after you open the package.

1. The spare part list is below:

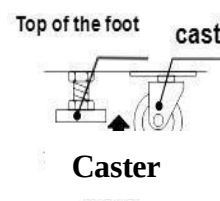
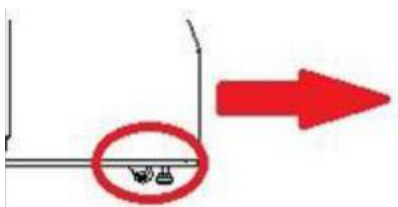
S/N	Name	No./Specification	Quantity	Unit	Picture	Remarks
1	Power cord	(10A/250V)	1	Piece		
2	Fuse	5A	2	Piece		
3	Manual	English	1	Copy		
4	Sensor	CCZK-001	2	Piece		
5	Key		2	Piece		

Please open the package and check whether all accessories are included. If not, please contact the distributor of the machine for check.

III. How to Handle and Position the Machine

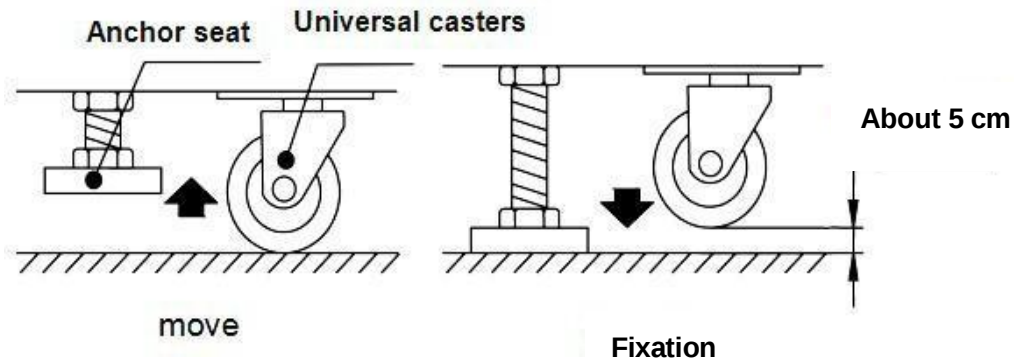
(I) Handling Method

The machine is equipped with caster under the base plate. When moving the machine for a short distance, you should raise foot to make the casters touch the ground and push the machine.



(II) Fixing Method

Please place it on flat ground where it won't slide easily, loosen the locked nuts of the foot, tighten the anchor bolts with a wrench, and keep the caster approximately 5mm away from the ground.



(III) Product Placement

Do not place the product in the following places:

- Do not place the machine in a humid place with high humidity;
- Do not place the machine near a hot object;

□ Do not place the machine next to flammable items;

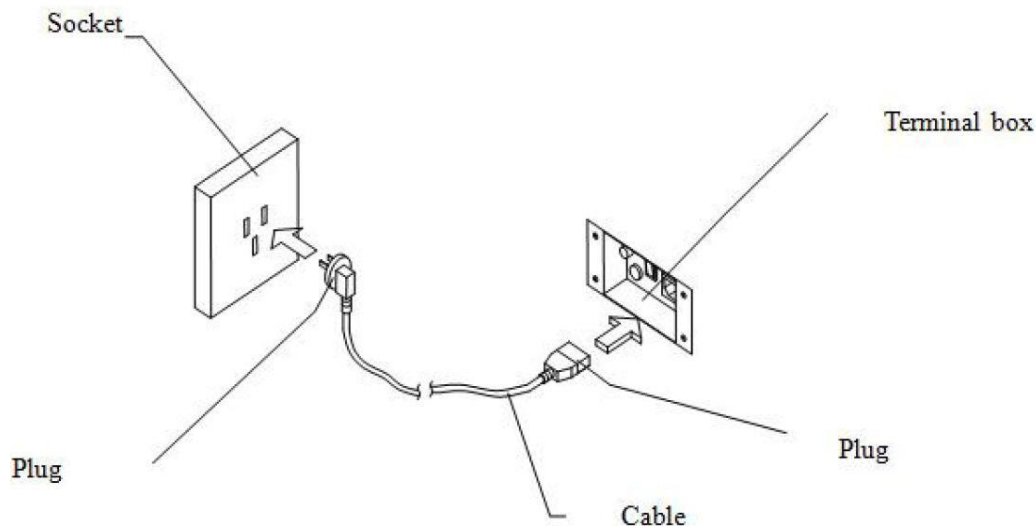
□ Do not place the machine on a smooth or uneven ground surface;

Do not place the machine near high-frequency vibration objects;

□ Do not place the machine in the dusty areas.

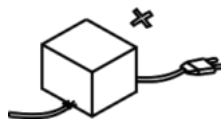
IV. Wiring and Precautions

- Connect one end of the cable to the terminal box of the machine, and connect the other end to the socket.
- Connect the power supply according to the voltage (110V or 220V) on the label, or the machine might be damaged.
- Please confirm whether there is grounding in the socket to avoid unnecessary damage.
- If the grounding cannot be done through the socket, please try other methods.



Attention:

The cable cannot be pressed by heavy objects, or it might be easily damaged and cause short circuit, and even fire disaster.



When unplugging the cable, you should grasp the plug instead of the cable.



It is not allowed to directly unplug with wet hands.



It is not allowed to directly unplug with wet hands.



It is not allowed to forcibly stretch, twist or expose the cable, or put it close to high-temperature objects.
It is not allowed to put the cable at places where it may be easily kicked or touched.



Use correct voltage and fuse (refer to technical parameters).

V. Description of the Game

How to play?

- 1.Insert coins to start the game;
- 2.Three Clocks within the color WIN ZONE Wins a small Prize;
If win 3 Clocks may either accept prizes at this stage or give up their Minor Prize, and select "Continue" try to win a Grand Prize.
Stopping 5 (five) clocks within the yellow WIN ZONE wins a Grand Prize.
- 3.Press the SELECT button to choose the prize.
- 4.Press the STOP button to drop the prize.

VI. Game Background Settings

NO	Item
1	Parameter
2	Current Record
3	History Record
4	Input test
5	Output test
6	Adjust Data
7	Version

1.Parameter

NO	Item	Default	Range
1	Coins Set	1	0~50
2	Game Time	20	1~200

3	Pay out#1	10	1~50
4	Pay out#2	50	1~50
5	Offset Steps	10	1~50
6	Speed#1	2	1~50
7	Speed#2	4	1~50
8	Speed#3	6	1~50
9	Speed#4	8	1~50
10	Speed#5	10	1~50
11	Language	EN	EN/CN
12	Attract Music	ON	ON/OFF
13	Return		

2. Current Record

Record the winning data of each game to facilitate the statistics of ticket rates

A.Coins: 0	B.Wins 1
A.Games: 11	Coins: 0
S.Gifts: 0	sGifts: 0
S.Wins: 1	oGifts: 0
B.Gifts: 0	Non-Win 0

3.History Record

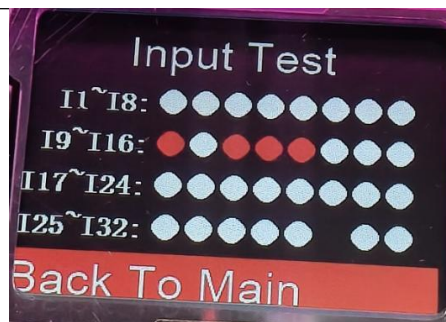
A.Coins: 11
A.Games: 11
S.Gifts: 1
S.Wins: 1
B.Gifts: 1

B.Wins: 1
_evel1: 0
_evel2: 0
_evel3: 9
_evel4: 0

Level5: 2
nhibit: 6
Supply: 3
Return

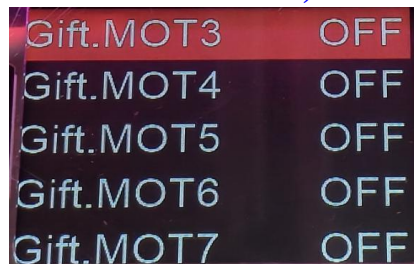
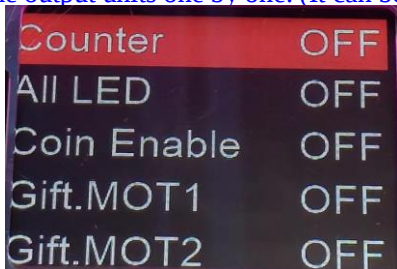
4.Input Test

Test the input units one by one. (It can be ruled out whether the hardware is normal.)

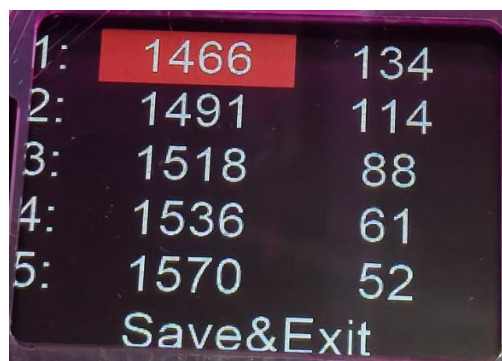


5.Output Test

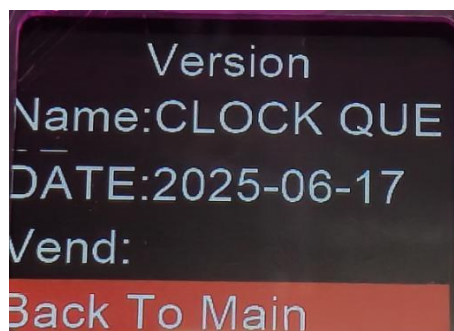
Test the output units one by one. (It can be ruled out whether the hardware is normal.)



6.Adjust Data



7.Version



VII. Installation and Maintenance

1 Installation and Commissioning

- Please check the components according to the list to assemble components before installation;
- ☐ After installation, plug the cable and turn on the machine to check whether each part runs normally. If no, immediately turn off the machine for troubleshooting.

3. Appearance Inspection

To ensure the safe use of the machine, please check the following before startup:

- ☐ Whether the warning sign is intact, visible and stuck correctly.
- ☐ Whether parameters of power supply are consistent with the requirements of the machine.
- ☐ Whether screws of each component and components of the steering wheel are loose.
- ☐ Whether the connectors and terminals are loose.
- ☐ Whether the machine is placed stably; whether the adjustment of the casters and the top foot are proper.
- ☐ Whether the machine is placed in the proper area.

4. Running Inspection

- ☐ Whether the speaker works normally.
- ☐ Whether the daylight lamp and the button light are on.
- ☐ Whether the image is clear and normal.

4 Maintenance

- ☐ Before operation, test run must be done before the machine is used;
- ☐ When there is dirt on the machine, wipe it with a soft cotton cloth with detergent;
- ☐ After the new machine has been used for one month, check whether each part runs normally;
- ☐ Often check the machine;
- ☐ The machine must be cleaned and maintained once a month.
- ☐ Screen PVC will crack and wear in the use process, please check and clean once in a week.

XI. Fault Analysis and Troubleshooting

Common faults

Error list	Reason	Solution
The machine is not powered on	Check whether the 220V power input is incorrect, and do not short-circuit.	Check whether the voltage of the plug-in board in the machine is abnormal
The control board is not energized	Check whether the output of the 12V and 24V partitions of the power box is correct.	Please adjust the wire to the correct installation position
The power supply is cut off halfway	The circuit protector is in action, and the power switch is in the cut-off state (Note: In the event of abnormal current flow, the circuit protector cuts off the current)	Please turn on the power switch again, when the circuit protector repeatedly acts, it means that there is an abnormality in the machine, please contact the dealership
There is an abnormality in IC control	Check whether the 12V and 24V power supplies are connected incorrectly	Please check the power box
	Check whether the IC is plugged in backwards	Please dial the corresponding gap horizontally and reinsert it
The coin dispenser is unresponsive	The coin dispenser is damaged	Replace the coin dispenser
	The coin extractor signal line is loose	Check if the signal line of the coin dispenser is loose
	The I/O control board is damaged	Replace the I/O control board
coin acceptor Stuck coins	The pattern is not clipped properly	Please check that the pattern is clipped properly, or try a different pattern
	The coin slot is not aligned or distorted	Please check whether the coins are aligned and deformed, and adjust the coinslots
	The installation of the coin exjector was not suitable, and the red brake strip above the coin dispenser was pressed	Please re-snap into the coin dispenser
Coin acceptor are not scored	Test if there is signal feedback	Please reconnect the coin dispenser, if there is a signal, the coin dispenser will make a sound
	There is no pull-up resistor connected to the target board	Please connect the pull-up resistor
	Check if the tokens in the coin dropper are the same as the coins invested	Please replace it with a suitable token
	The switch (normally open, normally closed) is dialed in an incorrect gear	Please check whether the switch (normally open, normally closed) is dialed correctly
	Poor contact with the power socket of the coin dispenser	Please check that the power socket of the coin explanator is not in good contact
The coin acceptor eats the coins	The COIN signal time switch (SW2) is incorrect	Please adjust the COIN signal time switch (SW2)
	There are debris in the coin channel of the coin insertor, which causes the coin to be unsmooth and eat the coin	Please check the coin channel for debris
	The currency of the coin is not smooth	Please check whether the transfer of coins at the exit is smooth
The coin dispenser is not smooth	Adjust the VR knob	Please adjust the VR knob clockwise
	Adjustment Accuracy Switch (SW3)	Please turn the precision switch (SW3) to normal mode
	The pattern is not clipped properly	Please check that the pattern is clipped properly, or try a different pattern
The coin extractor is not a coin The coin dispenser is not smooth	Poor contact with the power socket of the coin dispenser	Please check that the coin power socket is not in good contact
	Incorrect wiring	Please check that the wiring is correct
	Adjust the VR knob	Please adjust the VR knob clockwise

Coin acceptor no voice	Poor contact in the coin acceptor power socket	Please check whether the coin acceptor power socket is in poor contact
Coin acceptor much noise	Incorrect wiring	Please check that the wiring is correct
	Poor contact in the coin acceptor power socket	Please check whether the coin acceptor power socket is in poor contact
	There is debris in the coin channel of the coin acceptor	Please check whether there is any debris in the coin channel of the coin acceptor
Speaker no voice	Speaker whether power on	Please open the speaker
	Low voice	Adjust the voice
	Incorrect wiring	Please check that the wiring is correct
	Mainboard error	Replace new mainboard
	Speaker error	Replace new speaker

Main board I/O





Warning:

- **Cut off the power supply for maintenance and repair of the machine.**

To prevent short circuit, relevant personnel should cut off the power supply when touching internal components of the machine. If the operation requires power supply, it should meet the requirements of the manual.

- **Use proper parts for replacement.**

Improper parts may cause short circuit, and damage of the main board and the components.

- **Do not disassemble, assemble and change the equipment randomly.**

It may cause short circuit and machine failure, and even fire disaster.

- **Do not place vases, cups and containers with water, chemicals or heavy objects on the machine.**

The spilt liquid may cause short circuit and damage of parts. Meanwhile, falling objects may injure people and damage the machine.

- **Do not place objects in the exhaust outlet of the machine.**

- The blocked exhaust **outlet** may cause temperature rise inside the machine, affect the normal operation of the game, and even damage the parts.

- **Do not repair the machine by yourself.**