

METER SHAKER INSTALLATION INSTRUCTION

Please read the instruction manual carefully
before use and keep it properly

Basic parameters

Meter Shaker parameters

Working power supply: DC 12V=3A power adapter
Working current: 160mA
Working voltage: DC 12V

Fingerprint lock parameters

Number of fingerprints: 20
Charging voltage: 5V
Charging interface: Type-C

Password drawer parameters

Working power supply: AA alkaline battery * 4 (Batteries not included) Sleep current: ≤ 50uA
Emergency power supply voltage: DC 5V
Starting method: deceleration motor+mechanical transmission
Number of users: 10 passwords, 40 fingerprints (The first three entries are administrators)
Password length: 4-6 digits

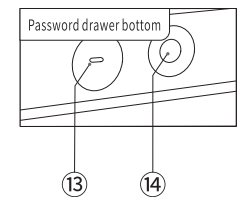
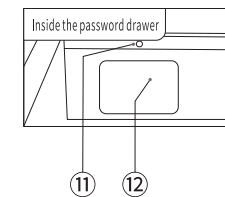
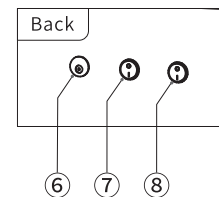
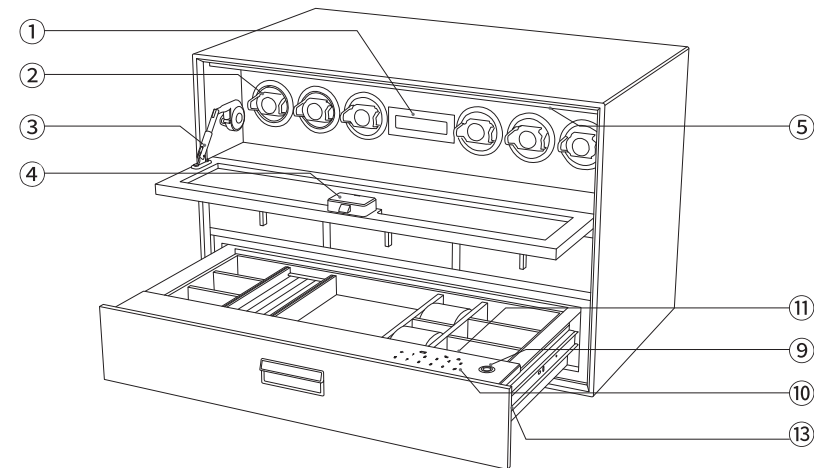
Product model	Specifications and dimensions (width x depth x height)	Specifications and dimensions (width x depth x height)
SH8244	760X433X180mm	860X433X180mm
SH8262	760X433X285mm	860X433X285mm

Matters needing attention

1. This product is only for indoor use.
2. Pay attention to moisture and do not splash water or other liquids onto this product.
4. Please do not attempt to repair this product on your own. It should be repaired by authorized professionals.
5. The manufacturer shall not be liable for any risks and property losses caused by failure to follow the instructions for use or failure to comply with these precautions.

Product Introduction

Please read this manual carefully before use and keep it properly.



List of accessories



InstructionsX1



Key X2



Ac adapter X1



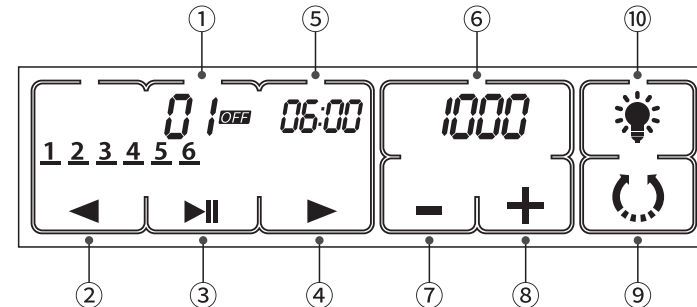
USB data cableX1

Product Introduction

Meter Shaker		
Number	Name	Analysis
①	Control screen	You can view the time and set the rotation frequency of the shaker (see operating instructions for details).
②	Meter Shaker	It can rotate clockwise and counterclockwise alternately to extend the service life of mechanical watches.
③	Buffer	The buffering and noise reduction mechanism can slowly lower the door panel.
④	Fingerprint lock	High strength zinc alloy fingerprint lock, capable of recording 20 fingerprints.
⑤	Atmosphere light	Soft beige lighting, can be controlled through the display screen or back ambient lighting.
⑥	Power socket	Input DC 12V=3A and use the original adapter power supply.
⑦	Power switch	The switch is in the open (powered) state when in position I, and in the closed state when in position O
⑧	Atmosphere light switch	The switch is in the open (powered) state when in position I, and in the closed state when in position O

Password drawer		
⑨	Fingerprint sensor	Semiconductor fingerprint controller
⑩	Touch screen	Tempered touchscreen glass touch to activate panel, (enter and set password) BAT/🔋: low battery; OK/🔑: Password is correct. Initial password: *1234#; ERR/🔒: Password is wrong, wait 3 sec to enter again
⑪	Settings key	Press the "RESET" button for 10 seconds to reset password. (RESET position is near the "🔑" button.)
⑫	Battery box	Place the power battery. (Note that the positive and negative directions.) (Batteries not included)
⑬	USB jack	Standby power plug (* no battery charging function*)
⑭	Spare keyhole	In the case users can not open with electronic mode, you can use the key to unlock, but the key need to be safe kept elsewhere. (* Don't put the key into the drawer*) (Do not put the key in the drawer)

Meter Shaker Operation instructions

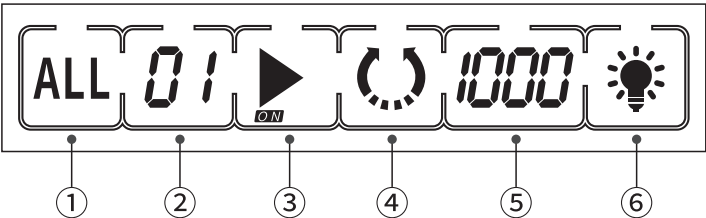


After 60 seconds of inactivity, the touch screen enters the screen saver state, and any touch can wake up the screen.

Number	Name	Analysis
①	Epitope display	The current table position can be selected by using the up ◀/down ▶ buttons.
②	Flip up button	Select the previous epitope.
③	Stop/Start	When in the startup state, the upper right corner of the meter is displayed as ON and a horizontal line is added at the bottom of the number to indicate it. When in a stopped state, the upper right corner of the meter displays OFF and there is no horizontal line below the number.
④	Flip down button	Select the next epitope.
⑤	Time display	The time setting method can be found in "Time Setting".
⑥	Operation mode	<p>650 650 laps/24 hours: rotate for about 1 minute, stop for about 8 minutes and 25 seconds;</p> <p>750 750 laps/24 hours: rotate for about 1 minute, stop for about 7 minutes and 10 seconds;</p> <p>850 850 laps/24 hours: rotate for about 1 minute, stop for about 6 minutes and 12 seconds;</p> <p>1000 1000 laps/24 hours: rotate for about 1 minute, stop for about 5 minutes and 07 seconds;</p> <p>1950 1950 laps/24 hours: Rotate for about 1 minute, stop for about 2 minutes and 08 seconds;</p> <p>Work 12 hours a day and stop for 12 hours.</p>
⑦	Mode reduction	The rotational frequency decreases.
⑧	Mode Plus	Rotation frequency plus.
⑨	Rotation direction	Alternating clockwise, counterclockwise, and clockwise counterclockwise.
⑩	Atmosphere light switch	The back light switch and the display screen light switch are dual switches that can turn on/off the lights.
Time setting		<p>Long press ▶ until the time array jumps to set the time.</p> <p>Set the hour with the ◀ key, Set minute with ▶ key</p> <p>Press ▶ again to save</p>

Meter Shaker Operation instructions

(Please follow the corresponding product operation)



After 60 seconds of inactivity, the touch screen enters the screen saver state, and any touch can wake up the screen.

Number	Name	Analysis
①	All mode	Long press this key to display ALL, which will enter one click control mode for all watches.
②	Independent mode	Click to switch epitopes. When in ALL mode, long press this key to enter independent mode, and the ALL key will turn off.
③	Stop/Start	Click to switch states. When starting, it is ►, and ON is displayed below. When stopped, it is ■, and OFF is displayed below.
④	Rotation direction	Alternating clockwise, counterclockwise, and clockwise counterclockwise.
⑤	Operation mode	Click to switch modes 650 650 laps/24 hours: rotate for about 1 minute, stop for about 8 minutes and 25 seconds; 750 750 laps/24 hours: rotate for about 1 minute, stop for about 7 minutes and 10 seconds; 850 850 laps/24 hours: rotate for about 1 minute, stop for about 6 minutes and 12 seconds; 1000 1000 laps/24 hours: rotate for about 1 minute, stop for about 5 minutes and 07 seconds; 1950 1950 laps/24 hours: Rotate for about 1 minute, stop for about 2 minutes and 08 seconds; Work 12 hours a day and stop for 12 hours.
⑥	Atmosphere light switch	The back light switch and the display screen light switch are dual switches that can turn on/off the lights.

Fingerprint lock operation instructions

Tip:

- Charging: When in normal use, the red light flashes, please charge it in a timely manner.
- Connect the Type-C interface charger, and the red light will remain on during charging, Fully charged and automatically extinguished. The duration of a single charge is 30-40 minutes.
- If not used for a long time, it is recommended to charge it every 5 months, To maintain the health of the battery.

Fingerprint unlocking (drawer needs to be opened during the light on period, and locked again when the light is off)

1. In the initial state, any fingerprint can unlock. (Lights up blue)
2. In the registered user status, simply place the entered fingerprint. (Lights up green)
3. When there is no operation for 7 seconds during the input or verification process, it will automatically go to sleep.

Fingerprint entry method (● blue, ● cyan, ● green)

1. Initial registration method:

(Long press for 5 seconds → Multiple angle short press 5 times → Multiple angle short press 5 times → Successful)

Long press the fingerprint scanner for 5 seconds, wait for the cyan light to stay on, then release your finger; Place the finger that needs to be registered on the fingerprint reader and press it repeatedly from multiple angles for 5 times (when pressing, the cyan light will turn off once), and the green light will light up; The back blue light stays on, then use the same finger to place it on the fingerprint reader and repeatedly press it at multiple angles for 5 times (when pressing, the blue light goes out once is considered one time); The green light is on, indicating successful registration.

2. Subsequent registration steps:

(Long press with registered fingerprint for 5 seconds → Short press from multiple angles for 5 times → Successful)

Press and hold the registered fingerprint for 10 seconds, wait for the cyan light to light up, and then release your finger; Place the finger that needs to be registered on the fingerprint reader and press it repeatedly from multiple angles for 5 times (when pressing, the cyan light will turn off once); The green light is on, indicating successful registration.

Note: Except for the initial registration method, all fingerprints are registered using this method.

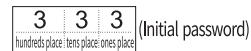
Fingerprint lock password operation instructions

Password unlocking (● green, ● purple, ● blue)

1. You need to register your fingerprint first before using a password to unlock. The factory password is "333".
2. The number of times the fingerprint is touched represents the password number. When pressed, the light goes out once, 0 is not pressed, and 1-9 times represents the number 1-9. The first digit is not supported as 0, and the password is a 3-digit password.

● Password unlocking steps

Press and hold the fingerprint device with an unregistered finger for more than 10 seconds, wait for the **purple** light to start flashing, and immediately release the finger; (The number of times the fingerprint is touched represents the password number, and when pressed, the light goes out once is considered one time)



- The **green** light is on, enter the number in the hundred digits of the password; Wait after the input is completed
- **Blue** light, enter the ten digit number on the password; Wait after the input is completed
- **purple** light, enter the number on each digit of the password; Wait after the input is completed
- If the **green** light stays on for 2 seconds, the lock will be unlocked successfully. If the green light goes off, the lock will be unlocked again.

Change password (it is recommended not to change, if changed, this is the only password, please remember)

Long press the fingerprint reader with the registered fingerprint for more than 15 seconds, and immediately release the finger when the **purple** light is on;

- The **green** light is on, enter the number in the hundred digits of the password; Wait after the input is completed
- **Blue** light, enter the ten digit number on the password; Wait after the input is completed
- **purple** light, enter the number on each digit of the password; Wait after the input is completed
- The light is off and the password has been successfully changed.

Clear fingerprint password




1. Fingerprint cleaning method: Use the registered fingerprint to press and hold the fingerprint device for more than 20 seconds, wait for the **red** light to light up, immediately release the finger, the **green** light will light up, and restore the factory settings. At this point, any fingerprint can be unlocked and the initial password 333 can be restored. (If the finger is not released after the red light is on, it will not be initialized after the light is off)
2. Password clearing: Use a password to unlock. (Section 4.3) After entering a single digit in the last step, press and hold the fingerprint reader for 5 seconds within 2 seconds of the **green** light coming on. The **red** light will come on to clear all fingerprints. At this point, any fingerprint can unlock. (Do not restore initial password)

Password drawer operation instructions




First use

1. Pull out the inner drawer gently and use the spare key to open the drawer by rotating it 90 degrees, then pull out the key.
2. Open the battery box, install 4 x AA batteries, and then power them on for use.
3. Touch the touch screen area to activate the system, enter the initial password 1234 in the number button area, press the "#" key to confirm, and the drawer will automatically pop up


Set/Modify Password

1. Press the settings button once
2. Enter initial password/administrator password (administrator password is the password set for the first time)
3.  light flashing, enter the new password twice (4-6 digits, press the "#" key to confirm)
4.  light is dormant after one second, which means that the entry is successful.
5. flashing  light indicates failure.



Set/Add fingerprint

1. Press the settings button once
2. Enter initial password/administrator password (administrator password is the password set for the first time)
3.  light flashing, Press the fingerprint four times from multiple angles with your fingers
4.  light is dormant after one second, which means that the entry is successful.
5. flashing  light indicates failure.

Clear fingerprint and password

Long press the setting button for more than 10 seconds, after two consecutive short beeps, the system is cleared, after completion, long beep once, and the  light is on and flashes 3 times, the system hibernates and restores factory settings

Notes

1. When "  " flashes, please replace the battery in a timely manner.
2. Support locking function: If the password is entered incorrectly 5 times in a row, the "  " light will remain on and the system will be locked for 60 seconds; During the lock period, the system does not respond to any operations. Wait for 60 seconds before the system returns to normal.
3. Supports virtual passwords, with a maximum of 20 valid inputs. Example: The correct password is "23456" and can be entered as 946465212345679456152.
4. After changing the password or entering the fingerprint, please verify the password/fingerprint once before closing the drawer.