TALLSEN
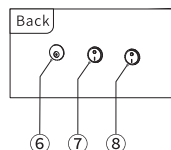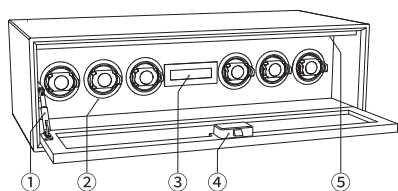
METER SHAKER INSTALLATION INSTRUCTION

Product Introduction

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

Number	Name	Analysis
①	Buffer	The buffering and noise reduction mechanism can slowly lower the door panel.
②	Meter Shaker	It can rotate clockwise and counterclockwise alternately to extend the service life of mechanical watches.
③	Control screen	You can view the time and set the rotation frequency of the shaker (see operating instructions for details).
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

List of accessories

InstructionsX1   Ac adapter X1   USB data cableX1

Basic parameters

Product model: Meter Shaker
Working power supply: DC 12V 3A power adapter
Working current: 160mA
Working voltage: DC 12V

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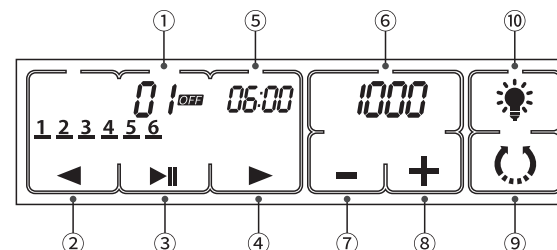Charging voltage: 5V
Charging interface: Type-C

Product model	Specifications and dimensions (width x depth x height)	Specifications and dimensions (width x depth x height)	Remarks
SH8268	760X350X200mm	860X350X200mm	Routine
SH8193	760X350X230mm	860X350X230mm	Routine
SH8194	760X350X335mm	860X350X335mm	Routine

Other sizes can be customized

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.

Operating 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	*650* I 650 laps/24 hours: rotate for about 1 minute, stop for about 8 minutes and 25 seconds; *750* I 750 laps/24 hours: rotate for about 1 minute, stop for about 7 minutes and 10 seconds; *850* I 850 laps/24 hours: rotate for about 1 minute, stop for about 6 minutes and 12 seconds; *1000* I 1000 laps/24 hours: rotate for about 1 minute, stop for about 5 minutes and 07 seconds; *1950* I 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.
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	Long press ▶❙❙ until the time array jumps to set the time. Set the hour with the ◄ key, Set minute with ► key Press ▶❙❙ again to save

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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.

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)

3	3	3
hundreds place	tens place	ones place

(Initial password)

● 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)