

S M A R T S I D E T A B L E



SMART SIDE TABLE

Technical Manual

Model: LT-60

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SMART SIDE TABLE

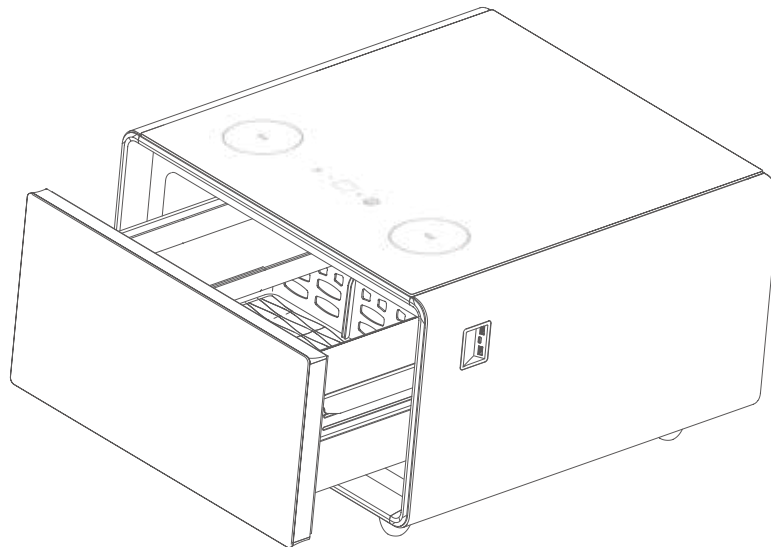
Refrigerator

220V Power plug

wireless charger

water supply

USB/Type-C



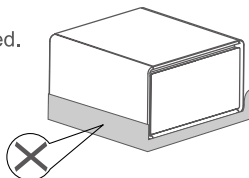
Preparation for using

Removing all packing components

Foam base and fixed accessories must be removed.

Tear off the transparent film on the surface .

⚠ Foam mats are forbidden to use as base



Check the accessories and materials.

Please check the packing list on page 23 if any miss of the accessories.

Place the side table on where meet the required as followed:

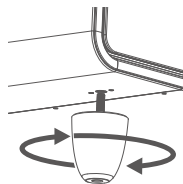
1.Avoid high humidity , super cold environment or directly sunlight places.

2. Side Table should be put on flat and solid ground.

If the unit needs to be raised, please choose stable, hard and non-combustible cushion block.

If there is a slight instability, please adjust the bottom feet under the table.

Do not use the foam packing inside the packing to cushion the table.



Please clean the unit before using.

(Please refer to Page 18"Daily maintenance and repair".)

Standing

After leveling and cleaning the Side table,do not power on the unit. Let the

unit stands for 2 hours, then power on to ensure the normal operation.

Power on

After standing, check if there is any water or matters around the power socket and USB After safety checking, connect the power cable.(Power socket is on the back) Secure the power cable before connecting the power. Left enough length on both ends for convenient plug-in or out so as to avoid more abrasion of cable or tripping users.

⚠ Total external electrical home appliances should not exceed 2000W.

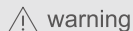
Do not use external patch .

⚠ There is overload protection under the unit. If the total power consumption is over 2200W, the power supply will be cut off automatically.

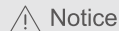
Safety precautions

Dear User:

Thank you for choosing our product smart side table. For better using our unit and to avoid personal injury or damage accidents, please read this manual carefully and use the unit following the symbols in this manual.



If the operation is wrong, it may cause personal injury.



If the operation is wrong, it may cause damage.



Operation must be prohibited.



Operation must be observed.

Electrical

Power cable and plug

- ❗ Power plug should be firmly contacted with the socket and unit or it may cause fire.
- ❗ To avoid any damage on the cable, please do not step on the table.
- ❗ Please do not roll the power cable when you move the table.
- ❗ Please hold the plug tightly and pull the plug directly, do not pull the cable.
- ❗ Before cleaning, repairing or replacing the damage parts, please take off the plug to avoid any electric shock.
- ⊗ If the power cable or plug has any damage, please do not use again.

Power Supply

- ⊗ Smart side table should be powered by ac 220V/50hz. if the voltage fluctuation range is too big (beyond the range of 187-242V), it may cause unit failure or damage. if necessary, please equipped with automatic voltage regulator bigger than 750W.

Grounding

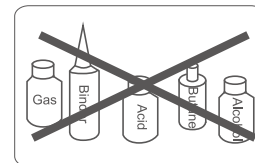
- ❗ Independent socket should be used and reliable grounded. Side table power cable is equipped with three wires (grounded) plug and socket. Never remove or cut of the third pin under any case.

Storage

- ⊗ Smart side table is only suitable for storing food, it can not be used for other things, such as blood or biological products.
- ❗ Smart side table is forbidden to put any inflammable, explosive dangerous goods or any other chemicals.



Note: New refrigerant type R600a must be repaired by professional trained person. Pay attention to fire during repairing. The damaged unit should be recycled by professional company. Please do not discard it at will.



Safety precautions

Wireless Charger

- ❗ If the phone is equipped with a thick protective shell, a metal protective shell or a battery shell, the charging efficiency may be affected, please remove the shell and try again.
- ❗ The wireless charger may generate heat when charging. If the battery overheats, the software may limit the charging, and it will re-charged
- ⊗ when the temperature drops down.
When the wireless charger is using, mobile phone should not use USB for charging. When use the USB charging, wireless charger may not start charging for phones.

220V power supply

- ❗ In order to prevent power short, please pay attention to avoid liquid flowing into the power socket. Please do not use wet cloth to clean the power socket.
- ⊗ Do not put wet hand into the plug. Water is conductor thing, it will lead electric shock accident.
- ❗ The rated power of connected appliances can not exceed 2000W. Over loading will lead high temperature operating. It is forbidden to use the external patch.

USB

- ❗ In order to prevent USB power short and ensure safety, please pay attention to avoid liquid flow into the USB interface. Please do not clean the USB with wet cloth when you clean the unit.

Repair

It is strictly forbidden to dismantle or transform the table. It is forbidden to damage the side table pipelines. The maintenance must be done by professional person.

- ⊗ The side table should be avoid to contact equipments which is damp, hot or has strong magnetic or electric .
If there is any damaged , please cut off the power, remove any above things and restart the unit again.
- ❗ Please put the unit on horizontal and stable base, keep enough space (>10cm) for good ventilation.

Placement environment

- ❗ The side table should be placed far away from heat source and direct sunlight, so as not to affect the performance of the unit.
- ⊗ It should be placed in a well ventilation place, and there should be more than 10cm around the side table.
- ⊗ Do not place the unit in damp or splashy places, water and dirt on the surface should be cleaned with soft cloth in time to prevent rust and affect the electrical insulation performance.
- ❗ Do not put the power sockets, regulated power supply or microwaves on the side table. Do not use any electric appliances inside the unit to avoid electromagnetic interference or other accidents.
- ❗ Do not put unstable objects (heavy or anything with water) on the top of the table to avoid any falling down and injuring from electric leakage.
- ❗ Do not store or use gas or other flammable materials near the side table to avoid fire accidents.
- ❗ If any gas or other flammable gas leakage around the unit, please close the gas valve and open the doors, windows immediately, do not pull or plug the unit.

Main Function

1.Refrigerator

3-8°C Refrigerator

Refrigerator can store beer, coke, tea,snacks,fruit and so on.Do not mix the food with kitchen fresh food.Pick up and eat.

2.Water supply(optional)

In order to make it easy for users to enjoy iced water or hot water, we have special design to open the water supply function inside the back side of the unit.

3.Power Charger

There are three power charger methods:

1. Wireless chargers on the top
2. USB charger
3. Type C charger

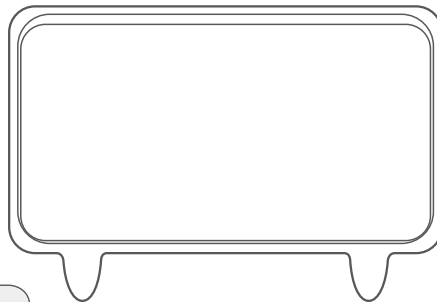
Different chargers around the unit supply the power to your devices at any time.

4.220V power Supply

There is a 220V power socket (rated power should be lower than 2000W.)enables you to connect the boiler, projector, desk speaker, camera and etc.

Note: the total external rated power should be not exceed 2000W.

Do not use external patch.



Feature Instruction

Refrigerator storage room, food partition storage

The side table is set as a fresh-keep cooling refrigerator, which can store beers, coke, tea, fruit, snacks and so on. You can enjoy your own partition and accurately adjust the temperature.

High efficiency compressor is equipped

The side table is equipped with mechanical direct cooling compressor, it can change the on/off time to adjust the store inside/outside temp. and volume of food. It has super store capacity and energy saving.

220V power socket

The side table has a 220V power socket, to supply power to many kinds of appliances. The power socket has a separate safety switch, when the appliance input is too high and overload, the safety switch will cut off to avoid danger.

Power chargers

There are three types of power chargers, there are wireless chargers on the top, and there are USB chargers and Type C charger on the side to supply power charging service.

Removable door seal

The door seal can ensure the long-term sealing for refrigerator. Removable seal can clean easily and reduce the consumption of energy.

Type-C charger

The side table has a type-c charger to supply various needs of mobile phones.

Water supply (optional)

There is special design with water supply function to supply hot water or iced water.

Induction light

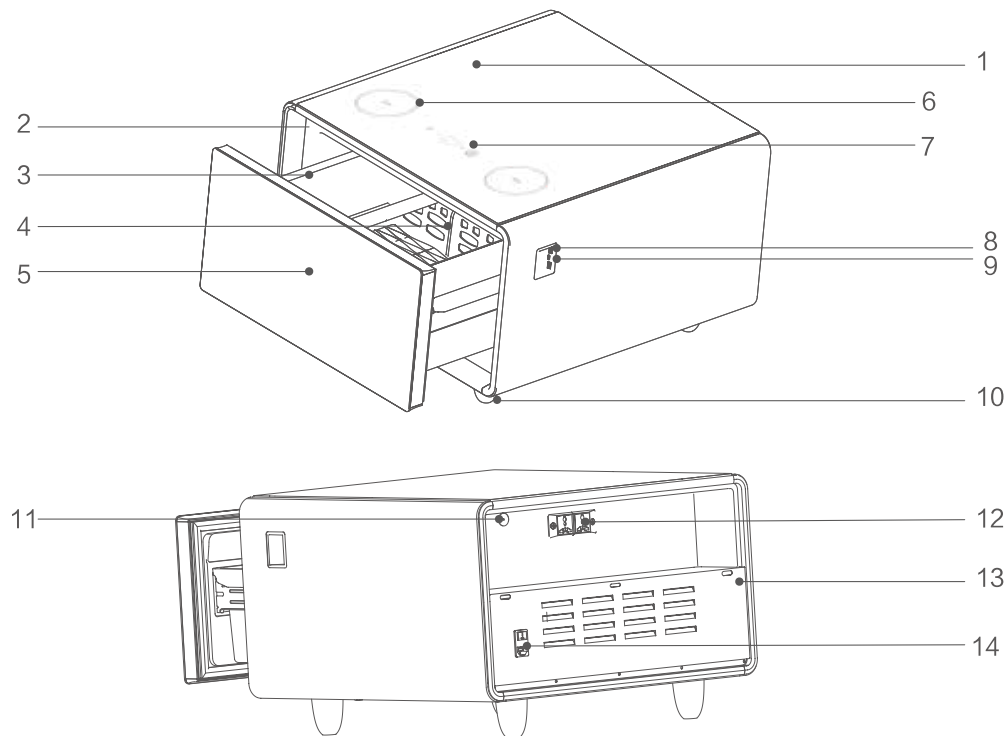
Human body induction light. People walk close, induction light will light, people go away, light will off.

Partition storage device

In order to make more effective use of the storage space, there is an additional box on the top of the drawer to provide users with more free and flexible storage space. In the drawer, there is a partition to facilitate the classification and storage of food.

Parts Name

All diagrams in this manual are schematic type. Your device may not be completely consistent with it.
Please refer to the product which you received.



- 1. Glass
- 2. Refrigerator
- 3. YOYO Pan
- 4. Partition
- 5. Refrigerator Door
- 6. Wireless charge
- 7. Control Board
- 8. USB
- 9. Type-c
- 10. Adjustable Feet
- 11. Water Supply(optional)
- 12. 220V socket(Rated power 2000W)
- 13. Back shell
- 14. Power supply(Overload protection)

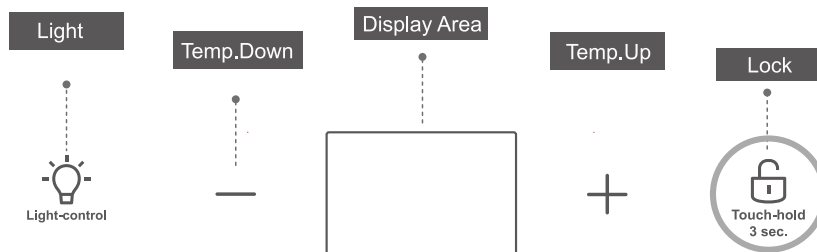
Main Function Instruction

Display Area Instruction

Long press 3 seconds on "LOCK" bottom to unlock the controlling of refrigerator temperature.

Light press on "LIGHT" bottom to adjust or turn on/off the light.

Display area shows the refrigerator temperature and light lumen.



Note: The factory default gear is 5 gear; Turning down the gear may cause localized icing near the back wall of the tank. Refrigerator with a single digital tube, mainly to display the temperature inside the box; The "unlock" button is only for the refrigerator module.


Main Function Instruction



Refrigerator Operation

After power on the unit, the prompt note 1 second, the interface unlocking aperture and temperature digital area will light up. (Factory default temperature is 5.) If without any operation with 10 seconds, the unit will enter to lock mode.

❶ **Lock memory function, power on will be in unlock mode.**

Lock/unlock refrigerator

Press  key for 3s, the prompt sound 2 will sound, the aperture will light up, indicating that the refrigerator operating interface is started, you can operate the unit.

Press  key for 3s, unit enters the refrigerator operating , press  key 5s, the display area shows OFF. Prompt sound 3 means turn off the refrigerator ,display light will turn off, compressor shut off and refrigerator temperature come back to normal ambient temperature.

❶ If press longer than 6s, it is regarded as turning of the refrigerator operating and not re-start the machine. Unless twice press interval is more than 3s, it can regard as re-start the unit. After re-starting the unit, unit will run as the last setting temperature. After the aperture and temperature display for 2s, the unit locks .

Refrigerator: After unlocking the unit, each press on “-”, refrigerator temperature will be lowered by 1 Deg.C step by step to 3 Deg.C.

Each press on “+”, refrigerator temperature will be higher by 1 Deg.C step by step to 8 Deg.C. Soft touch is accompanied by a “Di” sound. ❶ If there is no operating with 5s, the light around the lock flash twice and the system will enter the lock state automatically.

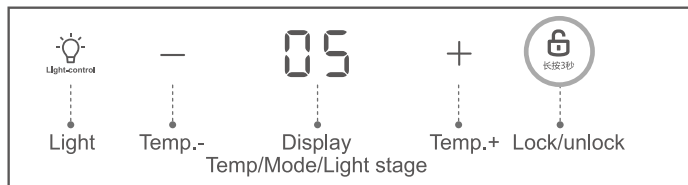
The aperture will turn off, each bottoms except the “Lock” will not work. After unlock the "light", press the light bottom to turn on/off the light.

Door opening alarm function: When you open the drawer, the display will show the current temperature of the refrigerator.

When the door open for long time or not close well, the alarm will beep to remind you to close the door in time.

Power off memory function: When the side table is powered off, the working state of power setting will be memorized. After the power is on again, the refrigerator will work according to the last setting before power off. Under closed state, open the drawer door, the display screen can display the set temperature of the cabinet.

Sleep mode: the temperature in the refrigerator circulates between 05→06→07→08→SL→03→04; "SL" is in "sleep mode". When the key is adjusted to "SL" mode, the compressor will stop directly. After 9 hours of shutdown, the "sleep mode" will be automatically removed and the compressor will be restarted to "5" degrees.



Main Function Instruction

Tips for using refrigerator and suggestions for food storage.

Notices for food storage:

1. Refrigerator is used to store fresh food, good storage method is an important factor for keeping food fresh and delicious.
2. Do not storage food which are easy to be bad in low temperature, such as bananas or cut tropical fruits. Low temperature will change the them with less vitamin.
3. Do not put hot food into the unit. The hot food will make the temperature inside the refrigerator rise and destroy other food freshness. Do not open the door frequently, hot air with opening door will enter the unit and cause the temperature rise.
4. Please seal the container with fresh keeping file or plastic bag avoid the evaporation of food moisture. It can keep the food flavor and nutrition and reduce the peculiar smeill in the Refrigerator.

Notices for food storage and suggestions:

1. The food should be washed when they put into the refrigerator, fruit or vegetables should be clean clearly, food packing should be scrubbed to prevent being affected by near food .
2. The bottles should be closely arranged to prevent tilting and falling when the door is open.
3. The height of food should not be exceed a certain height. otherwise the door can not close well.
4. The division plate is used to put different types of food . you can adjust the plate according to the demand. if the food volume is too large, please take out the partition.
5. The sliding tray can be used for store the washed fruits ,such as grapes or strawberries without using another fruit tray.
6. Adjust the refrigerator temperature according to the good characteristics.

Main Function Instruction

Tips for using refrigerator and suggestions for food storage.

Notices for food storage:

- 1.Hot food can not be put into the operating refrigerator.
- 2.Do not put damaged package or un-packed frozen food into the refrigerator.
A additional plastic bag or re-packing and tied tightly bag can be put inside.
- 3.If using the tea set,extra water storage bucket is needed.
- 4.Do not put too many food in the table,which will affect the air flow inside the refrigerator.
- 5.It is forbidden to store chemicals in the refrigerator.



Main Function Instruction

220V Power Socket

The side table is equipped with a 220V power platform with a jack current 10A and rated power 2000W.

It can meet the power requirement of two pins and three pins electrical appliances, such as water boiler, coffee machine, projector, notebook computer or pad. Within power on mode, the unit can power supply to connected devices.

Note:

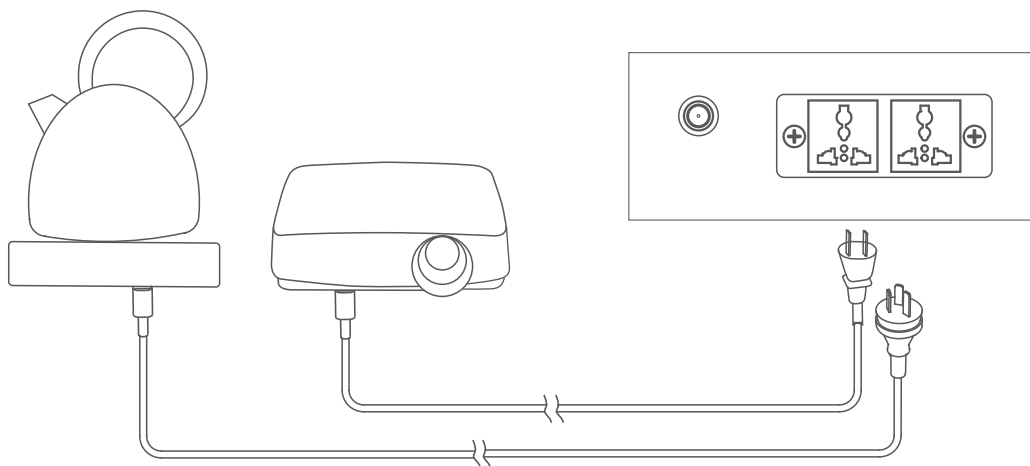
Do not drop water into the power socket.

Do not use wet cloth to clean the power platform.

Do not connect appliances which rated power is over than 2000W.

If there is abnormal heating with the power socket, please cut the power and stop the operating of the unit.

If overload protection function is run, please check high rated appliances and re-start the unit.



Multi Protections:

Overload protection

5000 times of plugging test

Shell with 750Deg.C flame retardant

Double acting safety door

Hidden warning light

New national standard sockets.;

Main Function Instruction

Wireless Charger

The universal fast wireless chargers set on the table of the unit support charging standard of Qi.

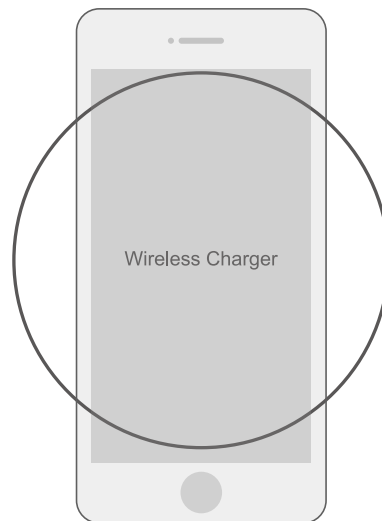
Wireless charging function is only available for devices with wireless charging mode inside.

If there device is without wireless charging mode,extra wireless receiver is needed.

Voltage	12V input
Output	15W(max)
Sensing Distance	≤10mm
Work frequency	110K-205K Hz
Work Temp.	-10°C to 65°C
Work humidity	10%RH to 75%RH

Note:

- 1.When the unit is power on,the wireless charger is start at the same time.
Put your mobile phone to charge.
- 2.Try to put the phone in the center of the wireless charging mark,long distance from the center will affect the charge efficiency.
- 3.When you charge the phone,make sure there is no metal things between the table and your phone to avoid more charging heat to destroy the phone.
- 4.Shell for phone should be take off.
- 5.If the charging surface is over heating,please stop the charging.when it's getting to normal,start charging again.
- 6.When you use the wireless charging,your phone can not use the USB or connect to the USB.If the phone is charging by USB,the wireless charging will not work.



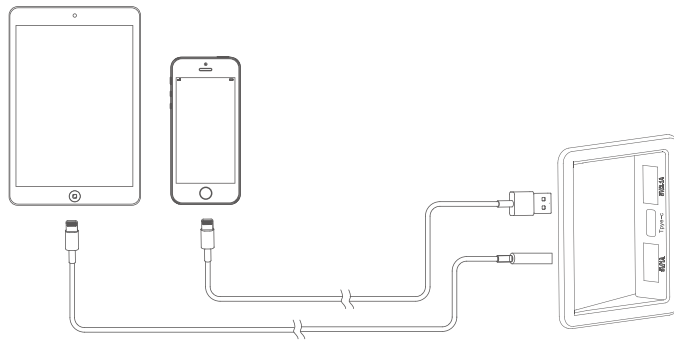
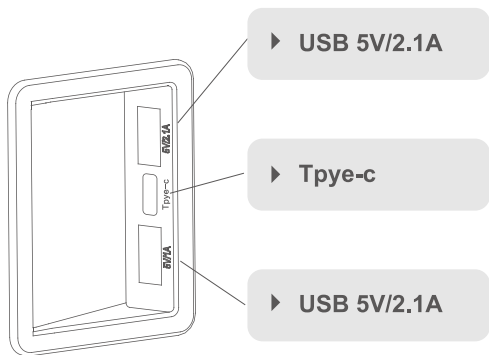
Main Function Instruction

USB

There are two USB chargers, in power on mode, connect the phone, pad, desktop speaker to the smart side table with datacable to power the devices.

Type-C

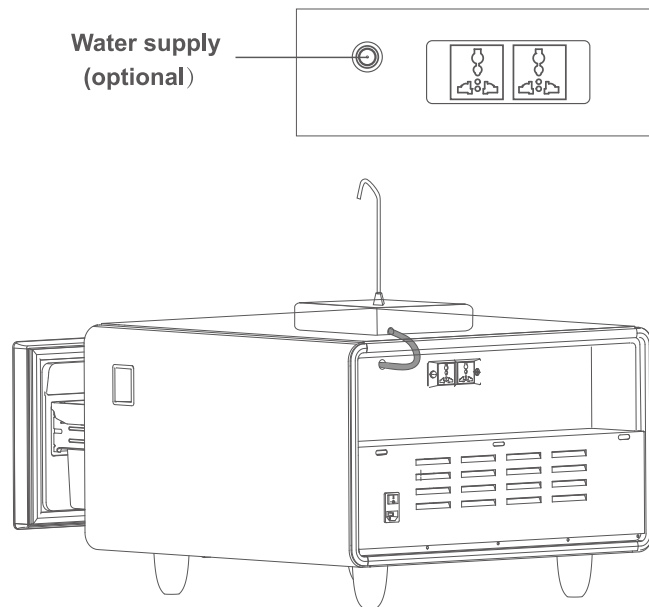
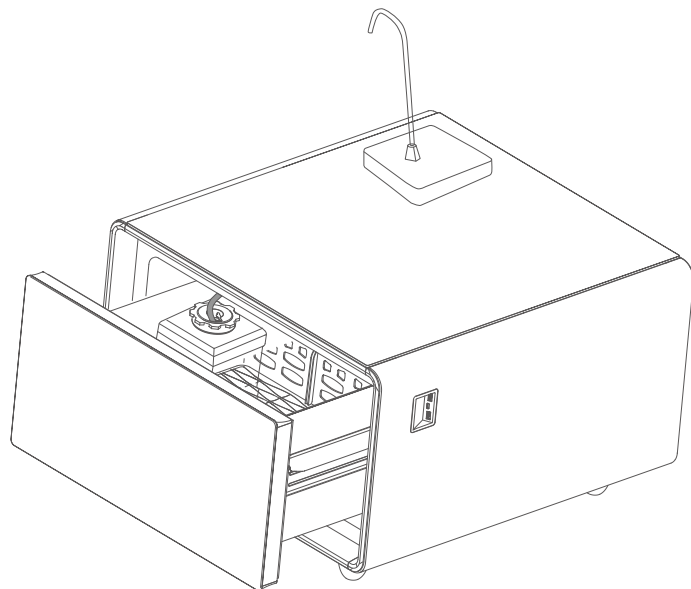
Smart side table equips a Type-C charger to meet different requirement of users,



Main Function Instruction

Water supply function(optional)

In order to make it easy for users to enjoy iced water or hot water in living room,we have a special design with a water supply system on the back side of the unit.As long as you have an automatic water boiler and a 220V power interface,you can drink iced water or hot water by the table.



Daily maintenance and repair

Clean the side table

The food inside the refrigerator will produce bad smell, so it is necessary to clean the drawer regularly. 1. Please take off the plug, cut the power before cleaning, do not touch the plug with wet hand.


2. Do not disassemble the unit with force, it may be damaged.


3. Clean the unit with a soft cloth and neutral detergent. Dry the unit with a clean soft cloth.

4. Clean the shell gently to avoid deformation of the shell or short circuit by clean water flowing into the unit through the mesh

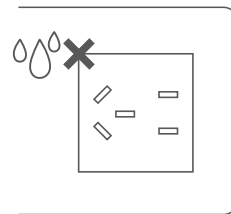
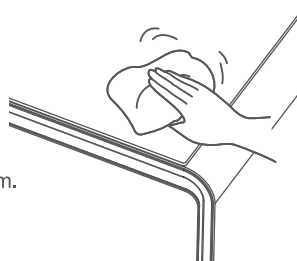
5. Please inspect the unit after cleaning if any damage or wet, or plug over heating, or USB or power socket left with water. Make sure all is normal and re-power the unit.

6. Before plug into the socket, please clean all electronic parts, dry with soft cloth to avoid any water left inside. Please clean the door seal to ensure a good sealing to avoid more power consumption.

 **Warning** In order to prevent leakage accident, do not spray water to wash the unit when cleaning. Please dry the power socket, plug, USB with a clean soft cloth

 **Note** In order to prevent damage to the unit, please do not use following substances when cleaning.:

1. Acidic or weak alkaline kitchen cleaner
2. Similar powder washing products
3. Benzene, sodium bicarbonate, alcohol, carious acids, petroleum.
4. Hard brush, abrasive sponge brush
5. Hot water



- The side table is heavy, please protect the floor when clean and repairing the unit. When moving, please keep the glass on the top, do not shake it to avoid damaging the floor. Do not clean the glass and yoyo pan with hot water.
- In 7 cleaning, please do not touch the inside by wet hand.

Daily maintenance and repair

Disassembly and cleaning of the refrigerator

Before dismantling the refrigerator drawer, please take out the Yoyo pan and drawer clapboard, take all items in the refrigerator out. Pull the door and the drawer together until they can not be pulled, lift up the whole drawer and pull out the sets.

The whole drawer, yoyo pan, drawer clapboard can be washable cleaning, and dry them with soft cloth.

Defrosting: The refrigerator can defrost automatically. The defrosting water flows out to the water tray at the back of unit through water tank at the bottom of the back. Water will be evaporated naturally by heating from the compressor.

Clean the door seal: The seal for door is easy to be damaged or aging when the door seal is getting dirty. The door can not close normally if the seal is damaged, so it must be cleaned timely. Please clean with clean water and dry the seal with soft cloth.

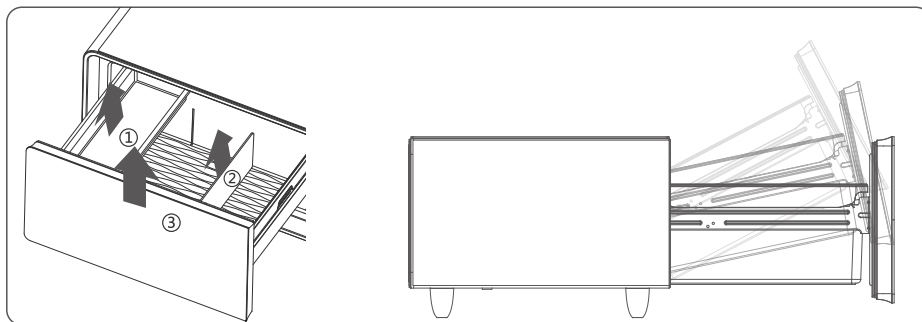
Safety inspection after cleaning.

Please check if the power plug is completely inserted into the socket.

Please check if the power cable has scratches.

Please check if the power plug has abnormal heating condition.


Please check if the power base and USB has matter or liquid left.

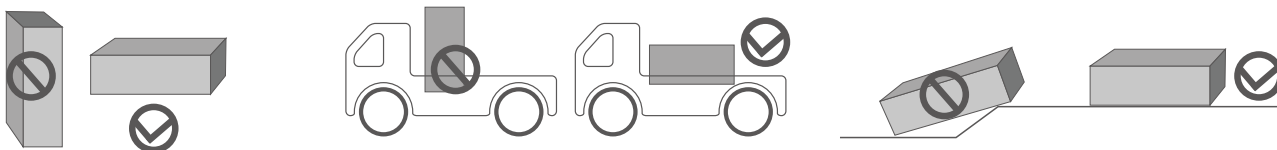


Delivery and outage

Delivery and outage

1. Unplug the plug and cut off the power.
2. Take out all food from the storage
3. Fix partition and yoyo pan with adhesive tapes.
4. Close the refrigerator door and fix the door with adhesive tapes.

 **Note** Don't put down the side table at any time
The maximum inclination angle should be less than 45 with delivery, so as not to damage the refrigerate system.



Stop the side table

Even in summer, food temperature in the refrigerator can keep 1-2 hours after power off.

After power off, please do not put more food into the unit and do not open the door. If power off noticed, you can try to put more ice in the drawer. Ice should be put in watertight container and put in the drawer.

 **Warning** Any power failure or other failures cause to temperature rise will shorten life of food and reduce the quality of food.

 **Note**

Stop using

If the side table will stop use for long time, please take off the plug, cut off the power, and clean the unit. Please keep the door open when the side table stop using to avoid bad smell.

After power off the unit, please re-plug the unit after 5 minutes. Generally, do not start the unit frequently so as not to affect the service life of the unit. After the unit is scrapped, it should be handled by professional team. On holiday

If you go out for holiday or long time vacation, please cut the power and clean the unit.

1. Cut the power
2. Take out the food
3. Clean the unit according to this manual.

Non - fault phenomena

1. Condensation on the unit surface: In rainy season with high humidity, condensation may occur on the surface of the unit, which is same as condensation on the outside of glass caused by ice water injection. It is not a fault. Dry it with a clean cloth.
2. There is a "hissing" sound of running water in the unit. It is the flow sound of refrigerate.
3. If the voltage is too low, compressor can not start. please equip a power regulator with higher than 500w.
4. Longer time for starting the unit. In summer, it's normal to start the unit with longer time.
5. There is a slight "Pa pa" sound: it's caused by expansion and contraction of the refrigerant pipe.
6. There is a "buzzing" sound: With unit operating, the unit compressor will have a "buzzing" sound. If the unit do not stable, there will be vibration and noise, please adjust the unit according to the manual.
7. Wireless charger can not work: The charger of mobile phone can not meet the standard. Please make sure the phone charger meet the standard of Qi.
8. Charging delay of the wireless charger. Please check the phone to make sure it's on the right place. and remove the shell for the phone.
9. 220V plug can not work. please make sure there is no water or foreign matter in the socket. Check the power of the unit. Check the switch on the right of socket is turning on.
10. USB can not work: Check the power of the unit. Check the switch on the right is turning on.
11. Refrigerator bottom is wet: Please check if the outlet hole is blocked.
12. The compressor runs continuously for long time: Please check the setting temperature is too low. Please check refrigerator door is keeping open. Check if hot food is put inside. Check if the unit is under direct sunlight. Check if there is too much food in the refrigerator.

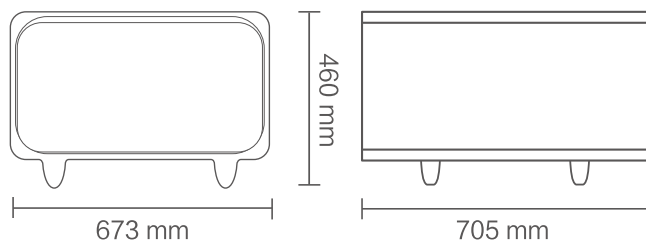
Trouble shoot

Trouble analysis and Fault solution

Fault	Causes	Exclusion Method
Power light is on, compressor not work but with buzzing.	Power voltage is lower than 187V	Please turn the unit and restart the unit when the power voltage is stable. If local voltage fluctuation exceeds 187-242V, it's better to equipped an AC voltage regulator with more than 2000V.
Compressor starts but stops in one minute , and then start again , system runs repeatedly like this.	Power voltage is higher than 242V	
Compressor runs for long time, but evaporator surface is frost free.	Refrigerate leaks	Professional person inspect the unit
	Refrigerate pipe blocks	Professional person inspect the unit
There is frost on the surface of evaporator, but compressor keeps working.	Frost too much on evaporator	Defrosting
	Open the door too much	Less open door times
	Too much food inside	Take out some food
	Bad air flow around the unit	Change to a better ventilation place
	Temp. C is wrong or sensor is missing	Professional person inspect the unit
Unit does not work, refrigerator does not cooling	Fuse is blown(power light is off)	Change the fuse
	Input controlling circuit has fault(light is off)	Professional person inspect the unit
Super high noise	The unit is placed unevenly	Adjust the unit feet
	The unit box fastener is loose	Fix the fastener
	There is collision between pipes	Separate the pipes
Refrigerator works in cooling, hand touching feels a little hemp. Electroprobe test with a light bright.	Induced electricity is leaking	Check the ground line

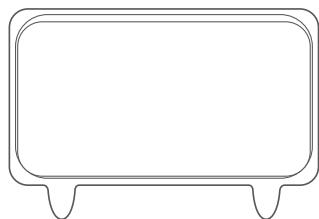
Specification and Packing List

Specification

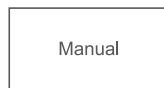


Consumption	0.32KWh/24h	Packing size	773*738*485
Noise	36db	Temp.controlling	Electronic controlling
Voltage	110V/220V 50Hz/60Hz	Cooling Type	Compressor
Net Weight	33.5Kg	Refrigerant	R600a (17g)
Gross Weight	38.5Kg	Volume	65L
Controlling	Display board control	Temp.Range	3-8°C
Size	673*705*460	USB charger	5V/2.1A
		Wireless Charger	15W

Packing list



1.Smart side tabl



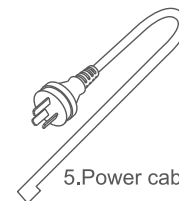
2.Manual



3.partition-2 piece



4.YOYO Pan-1 piece



5.Power cable-1 piece