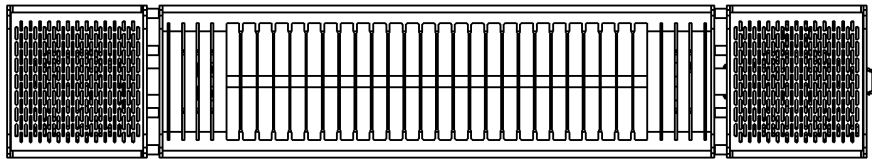


INFRARED PATIO HEATER

Safety Instructions and Operation Manual



Model: LDHR062-150KB-S

(Note: This product is strictly prohibited to cover)

SUNKARE



Thank you for purchasing our products. Please read carefully this instruction before using and operate strictly accordance with the instructions, and especially pay attention to "Important Safety Instructions". Please be careful collection after reading so as to for future reference.

Brief Introduction

This product is infrared radiant heater with remote control and IP 65 approved. It is almost unlimited used in outdoor, such as open bars, courtyard, plaza, station, and construction site in winter etc. This patio heater is energy-efficient, convenient, environmentally friendly and for better life etc. And add the Bluetooth speakers and LED lighting. Connecting your mobile phone or PC then can play the music and control LED lighting.

Important Safety Instructions

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or injury to persons, including the following:

- Read all instructions before using this heater
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 0.9m from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.
- This heater is not intended for use in bathrooms, laundry areas and similar locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Connect to properly grounded outlets only.
- To disconnect heater, turn controls off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by

the manufacturer may cause fire, electric shock, or injury to persons.

- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- Check if the voltage indicated on the nameplate of the appliance corresponds to the local mains voltage before you connect the appliance.
- The appliance is not located immediately below a wall socket-outlet.
- The casing and the front cover of the appliance become extremely hot during operation. Pay attention that, no combustible material due to wind or other environmental influences covers or obstructs the appliance, such as curtains, marquees, flags, plastic foil etc. Do not touch the appliance. Caution! Risk of scald injury!
- In case of improper use, there is a risk of electrical shock and/or fire hazard. Operation of the appliance must be discontinued and remove the mains plug immediately. Do not try to repair the appliance by your-self. Please contact with the service agent or a suitably qualified electrician for maintenance.
- Remove the plug from the power outlet and wait until the appliance is sufficiently cooled off before cleaning.
- Keep out of reach of children. In order to keep children from the dangers of electrical appliances, never leave them unsupervised with the machine. Consequently, when selecting the location for your machine, do so in such a way that children do not have access to the machine. Children being supervised not to play with the appliance.
- The appliance must only be mounted by an authorized specialist, paying attention to the relevant regulations of the power supply companies and the regional construction regulations.
- The heater is not able to be operated when the user is away from the household area where the heater is located.

FCC NOTE:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference and,
- (2) this device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Save These Instructions

Specifications

Specification	□ LDHR062-150KB-S
Voltage (V)	□ 120V~
Power consumption (W)	□ 1500W
IP code	□ IP65
Infrared receiving Angle	□ 60°±5°
Bluetooth receiver distance	□ ≥20M
The speaker power	□ 3W×2

BLUETOOTH OPERATION

A free Bluetooth App is available to download for this heater for either your iPhone, iPad or Android device. The 'Sunkare Heater' App will allow you to connect remotely to many heaters and control them independently. Control functions include:

- On/Off
- Variable heat output from 25% to 100%
- Timer with auto shut off
- Password connection to heaters
- Individual heater identification and control
- Control LED lighting display mode, brightness and color
- Turn on/off bluetooth speaker or enter into bluetooth pairing mode

To download, search for 'Sunkare' in your App store and add to your device.

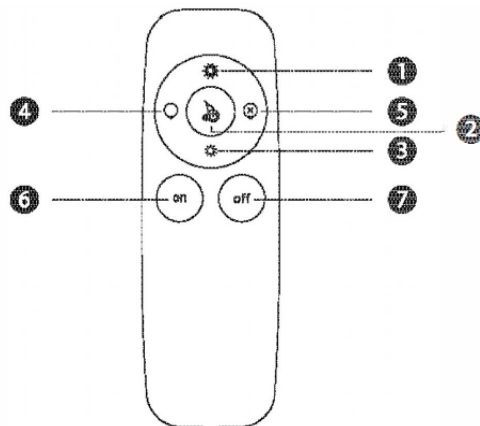
Bluetooth speakers connecting steps

1. In standby position, short press the remote control button , turn on the power of the bluetooth speakers, then long press this button in order to enter into bluetooth pairing mode.
2. Open the bluetooth function in your iPhone, iPad or Android device, find the "LIANG DI" in the device lists, then connecting.
3. Connecting successful will have prompt tone, then you can play music by your iPhone, iPad or Android device.
4. Button  again, it will turn off the bluetooth speaker. The next open will automatically connect you have paired devices.

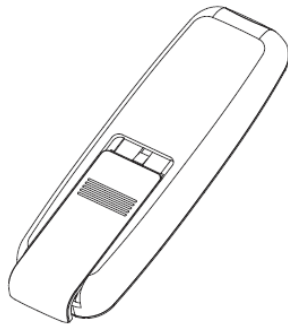
RESET OPERATION

- Press the Reset button shortly,the power will be adjusted accordingly(Low,Middle ,High,ON/OFF).
- Press the Rest button for at least 4 seconds ,the heater will restore factory settings.

Remote Control Instructions



Button	Feature
① Up Arrow	Up one heating level
② Turn on/off the speaker	Short press,turn on/off the speaker. Long press,enter into bluetooth pairing mode.
③ Down Arrow	Down one heating level
④ LED light on	Turn on the LED light
⑤ LED light off	Turn off the LED light
⑥ On	To switch the heater on: Press ON. The patio heater has a soft start function of 33% power. 4 seconds after the heater has been turned on, it will automatically switch to the last heating level used. In case of the first-time use, after 4seconds the heater will automatically switch to 100% power.
⑦ Off	To switch the heater off: Press OFF. The heater will switch to standby mode(the receiver indicator will light up).

Notice :

- Use 2 pieces AAA size 1.5V batteries in the remote control. Remove the battery when not use for long time, thus the lifespan of remote control can be extended.
- Choose the same specification battery when replacing the battery inside, otherwise it may cause remote control not work , thereby affect the normal use of the heater.
- Please contact service agent for further help if you need the function.
- The remote control function may be out of work if there is a barrier between the remote control and heater .
- Replacing the batteries duly so as not to affect the normal use of heater and remote control.

Operation Instruction

- Remove all package material (including anti-vibration object of the lamp) and check the appliance, supply cord and the plug for signs of damage.
- Pay attention to the mounting place and all mounting material(dowels, screws). Ensure they are suitable and stable enough for mounting and lastingly holding of the appliance.
- Before mounting, the minimum safe mounting distances and tilt angles shown in the figures must be strictly followed.
- The distance between the bottom edge of the appliance and the floor must be at least 1.8 M. See figure 2.
- There must be a distance of at least 0.25 M between the appliance and the ceilings, roofs or other covers. See figure 2.
- There must be a distance of at least 0.5 M at each side between the appliance and walls or the like. See figure 2.
- Recommended degree to mounting surface is 45°. See figure 3.
- Pay attention that, the installation of the appliance must not add excessive wind load.
- Fix the mounting bracket to the ceiling I first. Ensure that the place to be installed is secure and firm. Or connect the appliance to the stand.
- Adjust the desired angle of radiation and fest screw all screws. Check regularly the screw's connection. Mechanical bearing pressure and oscillation due to wind or rain could lead to loose.
- Plug in the power source and operate the remote control. Then observe, whether during the first 10-15 minutes the appliance works trouble-free.
- If you do not use,please remove battery socket

Figure1: Mounting bracket and anchor dowels provided. Connection from the wall to the infrared heater.

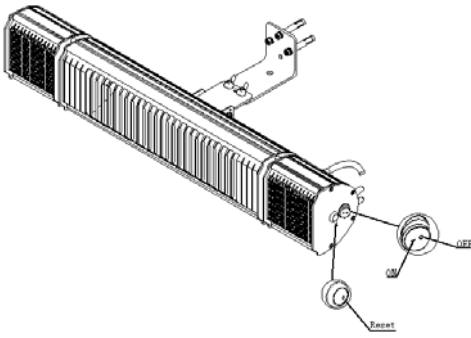


Figure2: Min. distance to floor, ceiling and wall.

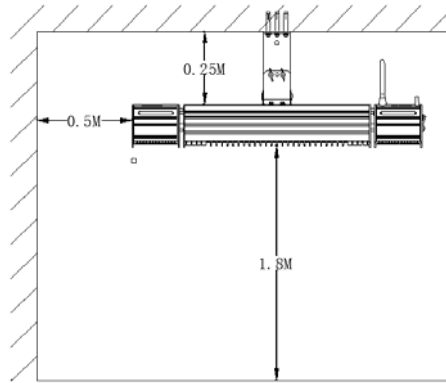


Figure3: Tilt angle.

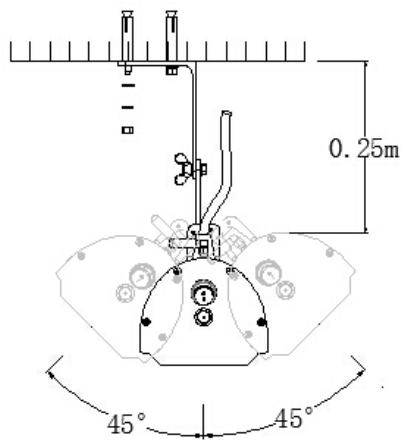
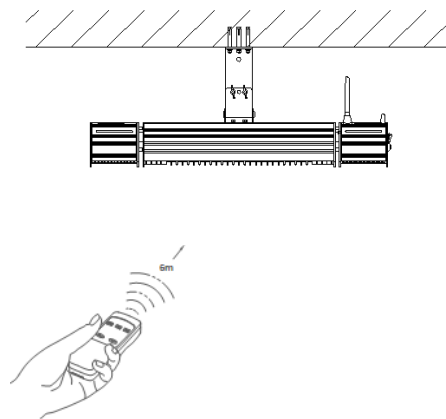
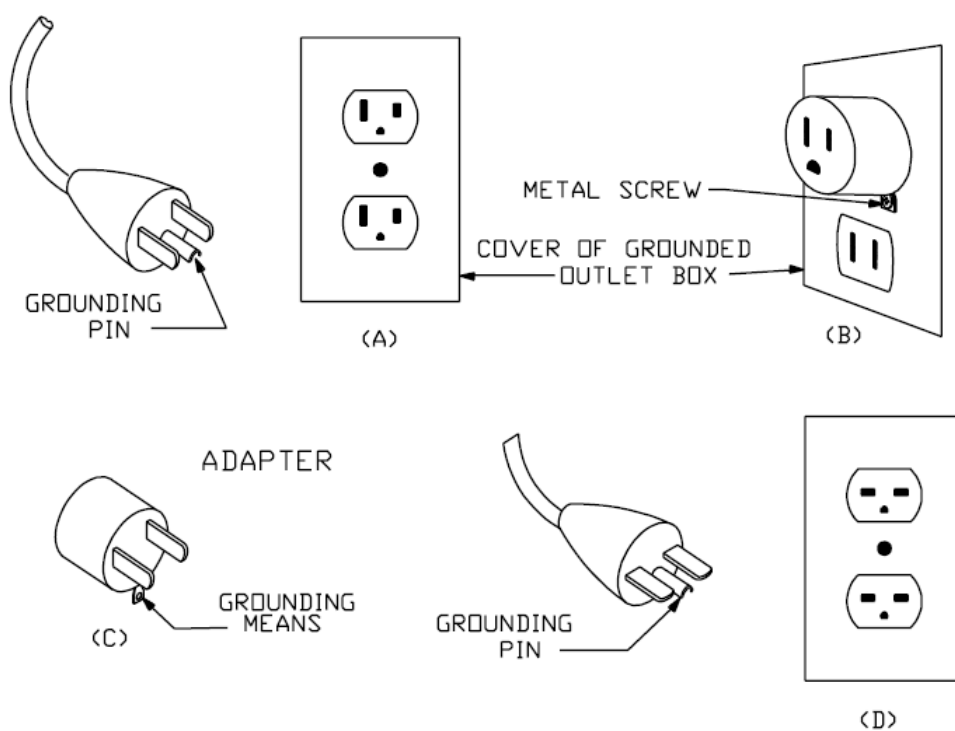


Figure 4: Max.remote distance



Grounding instructions

This heater is for use on 120 volts. The cord has a plug as shown at A in below figure. An adapter as shown at C is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.



Cleaning and Maintenance

- This appliance is consist of a robust and maintenance-free aluminum casing with a protection cover. No user serviceable parts inside.
- Before cleaning,remove the plug from the power outlet and wait until the appliance is sufficiently cooled off.
- Wipe the appliance only with clean and lint-free cloth or a soft brush.
- Never use abrasive cleaners, scrubbing brushes and chemical cleaners for cleaning!
- Can use alcohol to clean the appliance.
- To protect against electrical shock and danger of life, do not immerse cord, plug, or any part of the appliance in water or other liquid.
- For heating element replacement ,please contact the manufacturer or its service agent or a similarly qualified person.
- Any other service, please contact with the service agent or a suitably qualified electrician.

Storage

Do not route cord when heater storage, or heater is not in use.

Disposal



In accordance with European Directive 2011/65/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment – WEEE), please return any electrical equipment that you will no longer use to the collection points provided for their disposal.

This symbol indicates that the appliance cannot be treated as normal domestic trash, but must be handed to a collection point for recycling electric and electronic appliances.

Information concerning where the equipment can be disposed of can be obtained from your local authority.

Customer Service

- Repairs must be carried out by authorized specialists, thus ensuring electrical safety.
- Please contact with the service agent or a suitably qualified electrician.
- Improper repairs could lead to danger to the user.
- This warranty does not cover damage of failure which results from alteration, accident, misuse, abuse, neglect, commercial use or improper maintenance.
- In line with our policy of continuous product development we reserve the right to change the product and documentation specifications without notice.