

Red Bull

Radio Cooler

(RB-RDC ECO LED)

Red Bull Material number_____

•Read and save these **Original** instructions

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.

Changes or modifications not expressly approved by the party responsible for compliance 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.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

Region Selection

Limited by local law regulations, version for North America does not have region selection option

1 Contents

1 Convention	2
2 Information about the safe use of the unit	2
3 Putting up the refrigerator	3
3.1 Removal of the packaging material	3
3.2 Location	3
3.3 Ambient temperature	4
4 Maintenance	5
5 Information about the LED light	5
5.1 LED Light replacement	5
6 Disposal	6
6.1 Storage of defective units	6
6.2 Disassembly of the refrigerators	6
6.3 Disposal	6
7 Start-up	6
7.1 Power connection	6
7.2 Switching on	7
8 Long-term shut-down	7
9 Cleaning	7
9.1 General	7
9.2 Cleaning the condenser	8
10 Radio functionality	8
11 Defects and remedies	10
12 Specifications	12
12.1 Material and liquid	12
12.2 Dimensions and performance	13
13 Circuit diagram	13

Short information

The exclusive use of this unit is to cool and avoid deterioration of beverages in their original packaging. **This commercial refrigerating appliance is intended to be used in household and similar applications.**

1 Convention



This symbol indicates instructions in the user manual you ALWAYS need to observe – both in your own best interest and in the interest of every person with access to the unit (danger sign).



This symbol indicates instructions in the user manual you should observe in order to ensure the unit is functional and operates properly (tip).

2 Information about the safe use of the unit

This unit is not designed for operation in the open. Do not expose to environmental influences (rain, direct sunlight).

Do not manipulate the product in any way, either mechanically or electrically. Neither extend the original connection cable, nor remove the original and fit another plug.

The mains plug of the unit must feature an earthing contact. Do not introduce plug into a socket without effective earthing (if in doubt, please consult a specialist).

Before cleaning, always pull the mains plug.

Do not remove any protective features.

Never work on the refrigerator with a hose or high pressure cleaner. All maintenance work must be carried out by a supplier – authorized company.

Disassembly must be carried out by qualified personnel.

Keep the ventilation holes in the cabinet free from obstructions. Do not use any mechanical or other tool different from the ones recommended by the manufacturer, in order to speed up the defrosting.

Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer

Do not damage the circuit of the refrigerant fluid.

Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer

Do not use any electrical appliance, apart from the ones recommended by the manufacturer, inside the freezing compartment. Keep enough space in order to easily reach the main plug.

If the power cable is damaged, it must be replaced by the manufacturer or by its after sales service, or in any case by a person with similar title, to prevent any possible risk.



Do not damage the refrigerant circuit.

Warning: risk of fire / flammable materials



Danger-Risk of fire or explosion Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

Danger-Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.

Caution-Risk of fire or explosion. Flammable refrigerant used. Consult repair manual/owner's guide before attempting to service this product. All safety precautions must be followed.

Caution-Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.

Caution-Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.



Meaning of crossed-out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact you local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated

to take back your old appliance for disposals at least free of charge.



ATTENTION

This appliance is not intended for use by persons (including Children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

3 Putting up the refrigerator

3.1 Removal of the packaging material



Always position unit upright during unpacking and transport.

During the transportation of the machinery and/or its component parts, there must be no possibility of sudden movements or of hazards due to instability as long as the machinery and/or its component parts are handled in accordance with the instructions.

If you discover any damage, immediately make a note on the delivery note and report to the forwarding agent. Otherwise you forfeit your claim for a replacement unit free of charge.

Dispose of the packaging material in accordance with local laws. Recyclable materials are identified as such.

3.2 Location



ATTENTION

Do not expose the unit to environmental influences (rain, direct sunlight).

Position the cabinet in a sufficiently ventilated room. Do not put up the unit in the vicinity of heat sources (radiators, stoves etc.). Protect against direct sunlight and draft. Do not cover the ventilation grille to prevent obstructing the air circulation.

Appliance must have a clearance of 5 inches/12,7 cm at top and 1 inch/2,54 cm at each side.

The unit must be positioned horizontally to ensure it will function properly and doors will open or close easily. Use the screw-type foot height adjustment to achieve an exactly horizontal orientation.

3.3 Ambient temperature

Climate Classes according to ISO23953-2.

Climate Class	Temperature[°C]	Relative Humidity[%]
0	20	50
1	16	80
2	22	65
3	25	60
4	30	55
5	40	40
6	27	70
7	35	75
8	23.9	55

Radio Cooler is Climate Class 5.



Failure to observe these rules would severely compromise the performance of the unit, reduce compressor life and greatly increase the unit's energy consumption.

The manufacturer rejects all responsibility for damages caused by an inappropriate use of this unit.

4 (7 以前的) Maintenance



ATTENTION

All maintenance work must be carried out by a supplier-authorized company.

5 (8 以前的) Information about the LED light

5.1 LED light replacement

- Unplug the cooler or cut off power before removing the light.
- Use screwdriver to take out the screw.
- Remove the LED light.
- Replace with a new LED board that is the same shape and size.

e) Install the LED light and tighten screw.

If the light is damaged, it must be replaced with a same size, power and shape one. and must be replaced by the manufacturer or its service agent

6 (11 以前的) Disposal

6.1 Storage of defective units

The temporary storage of hazardous waste is permitted if the parts are subsequently disposed of according to the requirements. Observe the regulations in your country and keep the environment clean.

6.2 Disassembly of the refrigerators



Disassembly must be carried out by qualified personnel.

ATTENTION

Each country has its specific regulations that need to be observed. In general, each non-functional unit should be taken to a special collection point. There the obsolete unit will be disposed of properly.

6.3 Disposal

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

7 (4 以前的) Start-up

7.1 Power connection



ATTENTION

Do not manipulate the product in any way, either mechanically or electrically.

Neither extend the original connection cable, nor remove the original and fit another plug (without earthing contact).

Do not plug into a socket without effective earthing (if in doubt, please consult a specialist).

To start up the unit, introduce the plug into a socket.



Before connecting, ensure that the voltage and frequency of the power supply is compatible with the unit's power requirements as stated on the ratings plate. Also ensure that the voltage does not fluctuate more than 6% either way (if in doubt, please consult a specialist).

The manufacturer accepts no responsibility for possible injury or material damages

attributable to a failure to observe these instructions.

7.2 Switching on

To switch on, please proceed as follows:

- a) Before the refrigerator is switched on, the unit must have been set up (and resting) in its final location for no less than 6 hours.
- b) Before use, clean all parts of the cabinet (see item 6.1).
- c) Plug in unit.

The thermostat instructions

model	The thermostat location pictures	Thermostat location	The form of the thermostat	gear
Radio Cooler		The lower left corner on the back of drinks cabinets.	Electronic temperature control	1-7



The thermostat setting(adjust knob according clockwise),The lower it setting,the lower the temperature inside.The temperature regulation range from position "1" the warmest to "7" the coldest. Mechanical temperature control When the knob turns to position "0",the unit will be off.The temperature pre-set by the manufacturer is suitable for beverage. We don't recommend customer to adjust. Because the regulation too cold Setting can cause the freezing of the products. The best cooling performance is achieved if the unit is optimally filled and the air circulation inside the unit is unobstructed by the products inside the refrigerator.

8 (5 以前的) Long - term shut - down

If the refrigerator is not used for an extended period of time, the user is recommended to take the following action:

- a) Pull mains plug.
- b) Remove all products from the cabinet and carefully clean the inside (see 6.1).
- c) Open door or leave ajar to allow the entry of outside air and prevent a build-up of unpleasant smells or mould.



Place the unit in a dry room and ensure it is sufficiently ventilated.

9 (6 以前的) Cleaning

9.1 General



ATTENTION

Do not remove any protective features.

Never wash down the refrigerator with a hose or high pressure cleaner.

Before cleaning, always pull the mains plug.

Before use, clean all parts of the cabinet with warm water and a neutral cleaning agent, then dry with a soft, clean cloth.

Do not use scouring cleaning agents or powder that may scratch the surface.



When cleaning, use water sparingly as water may enter and damage electrical components. A moderately moistened sponge is sufficient.

Clean the glass door with a special glass cleaning agent.

For model Radio Cooler (RB-RDC ECO LED) since there is an exposed evaporator fan behind the evaporator, do not clean the refrigerated compartment by flushing it with any liquid. This space should only be hand wiped.

9.2 Cleaning the condenser



If the environment is dusty, clean the condenser at least once per month. Remove the dust that has accumulated between the ribs and the frontal surface.

Use a brush or a vacuum cleaner to remove the dust layer.

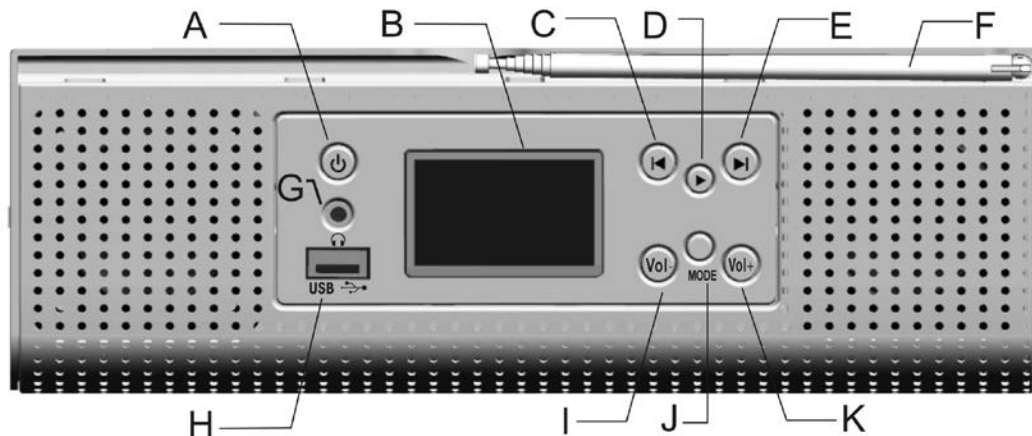
Do not use pointed objects. These could damage the condenser.

A dirty condenser negatively affects the performance of the unit. In addition, it also compromises the life of the compressor and results in a notable increase of the power consumption.

10 (9 以前的) Radio functionality

Identification

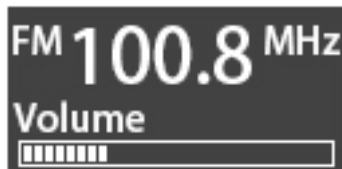
- A. Power button
- B. LCD display
- C. Bluetooth mode: last song ,Radio mode: decreasing scanning
- D. Play/pause button
- E. Bluetooth mode: next song ,Radio mode: increasing scanning
- F. FM antenna
- G. Jack plug:3.5mm headphone jack
- H. USB plug, only for power charging
- I. Volume – button
- J. FM/AM/bluetooth switching button
- K. Volume + button



• Listen to the radio

1 Elongate the antenna to receive the FM broadcast.

2 Turn on the power, Press "MODE" key to switch to the FM or AM mode.



3 Select the broadcasting station

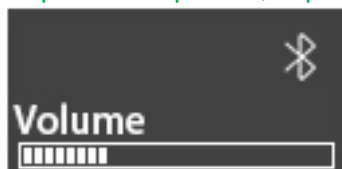
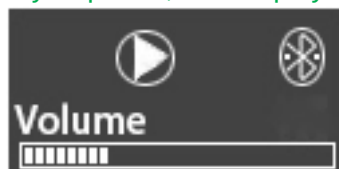
Manual tuning

Press ► or ◀ to scan ,the frequency increase or decrease by 0.1MHz when pressing the key each time . If the key is pressed and hold on for 2 seconds it will start to search the next available broadcasting station automatically .

•Play music by bluetooth

1 .Turn on the machine, Press "MODE" key to switch to the BLUETOOTH mode.

Unpaired paired ,stop to play paired, start to play



2.Pairing the phone

-Turn on the phone, then turn on the bluetooth

-Search Bluetooth devices, find RB-RDC ECO LED,connect to it

If the machine can't find any Bluetooth device, please turn off the Radio, then turn on retry again.

Auto-connect function

When the radio switch to the BLUETOOTH function, it will connect to the paired phone automatically .

•Volume setting

-Press "vol+" and "vol-" to set the volume.

Volume has memory function, it can load the previous settings when turn on the power next time

•Use the USB to charge the phone or iPad.

Connect to the machine to charge the phone or Ipad with a USB cable
Maximum output current :1.2A

·Earphone jack function

Connect the earphone to the machine to play the audio content



Earphone supported:φ3.5mm Earphone with 2rings or 3rings.

·specifications

-Working temperature range: 5℃~35℃

-Radio Frequency range

FM: 87.5MHZ — 108MHz (increase or decrease by 0.1MHz)

AM: 531KHz — 1602 KHz (increase or decrease by 9KHz)

-Loudspeaker

About 53mm In Diameter ,4Ω, 5W+5W。

-Communication system with bluetooth

Bluetooth version : 4.2

Maximum Communication range: 10 meters

Radiation power: <=20dB

-Output : JACK PLUG φ3.5mm、mini stereo jack

Power supply: Power by a transformer, the maximum output is 5V,1.2A



ATTENTION

To avoid fire and electric shock, this equipment can not be exposed to the rain and affected with damp.

To avoid catch fire, please do not cover the equipment ventilation holes by newspaper, cloth, curtain and so on. Do not place the litten candle on equipment. Do not place the equipment in the environment of liquid drippage or splashing. Do not put the equipment into the container with liquid, such as flower vase.

Do not install the equipment into bookcase or built-in rack

Must not change the transmitter frequency or enlarge the transmitter frequency (including to add extra frequency amplifier. Must not add extra antenna or change antenna.

11 (10 以前的) Defects and remedies

Functional defects of the refrigeration equipment are often attributable to inappropriate handling and can be resolved without involving a technician.

Before contacting your supplier, check your unit according to the following trouble-shooting chart.

Illumination does not work and unit does not refrigerate	1.Is the mains plug properly introduced in the socket? 2.Is the socket connected to the power supply?
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	3.Are the fuses in the circuit o.k. and active?
The inside temperature is too high	<p>1.Is the thermostat switched off or is the setting incorrect?</p> <p>2.Is the condenser clogged with dust?</p> <p>3.Is the unit positioned in the vicinity of a heat source?</p> <p>4.Is the cabinet door not properly closed?</p>
The refrigerator is too loud	<p>1.Is the unit in proper horizontal alignment and is stable on the ground?</p> <p>2.Is there any contact between hoses or ventilator blades and extraneous objects or other equipment components?</p> <p>If so, remove the extraneous objects, or ensure that the components of the unit will not touch by increasing the clearance between them and fixing them in the correct position.</p> <p>3.Does the unit touch other pieces of equipment?</p>
The screen of the radio is dark or shows no instructions.	1.Having used the device under extreme high/ low temperature or high humidity environment.
Lower volume under the "Bluetooth" function mode than the radio function mode.	1.Adjust the volume of the connected device.
The volume of radio is extremely low or broken, or the reception is not ideal.	<p>1. If you are in a building, please try again near windows.</p> <p>2. Extend the antenna, adjust the length and angle to achieve the best reception.</p> <p>3. If there are mobile phones near the device, you may hear loud noise. Please keep the mobile phones away.</p>
No volume under the bluetooth function mode.	<p>1. Make sure that the device is not far away from the bluetooth device, and it is not affected by the WLAN, another 2.4GHz wifi device or a microwave oven.</p> <p>2. Check the connection between the device and the bluetooth device is correct or not.</p>
The volume of the bluetooth is	1. If there are equipments nearby which make

discontinuous or the effective connection distance is short.	<p>electromagnetic radiation, like WLANs, other bluetooth equipments or microwave ovens, please move them away. Or use the device away from these interference sources.</p> <p>2. Move all the obstacles between the device and the equipment away or move the device and the equipment away from the obstacles.</p> <p>3. Put the device close to the equipment possibly.</p> <p>4. Relocate the device.</p> <p>5. Try to use the bluetooth at another position.</p>
Fail to establish the bluetooth connection.	<p>1. According to the different connected devices, the starting of the communication may need some time.</p> <p>2. Repair the devices.</p> <p>3. Unable to establish the connection with two bluetooth devices at the same time.</p>
Bluetooth pairing fails.	<p>1. Make the bluetooth approach the device.</p> <p>2. Make sure the bluetooth function is already activated.</p>

If the problem persists after having checked these potential sources of malfunction, please contact your supplier. Ensure you have the serial number and the item number at hand (these are printed on the label in the upper right hand corner inside the unit).

12 Specifications

12.1 Materials and liquid

The parts touching or contacting the content of the unit are made of electroplated steel sheet, aluminium or ABS plastics.

Only environmentally harmless, CFC-free refrigerant is used. The type and quantity of the refrigerant is stated on the ratings plate.

12.2 Dimensions and performance

Net content litres (L)	Outside width (mm)	Outside depth (mm)	Outside height (mm)	Inside width (mm)	Inside depth (mm)	Inside height (mm)	Volume (dB)	Weight (Kg)
Radio Cooler								
20	316	392	540	250	272	363	80	19.3

13.Circuit diagram

