



LG Pra.L Galvanic Ion Booster

Please read this manual carefully before operating your set and retain it for future reference.

MODEL BBJ1

BB12



www.lg.com

Copyright © 2018-2019 LG Electronics Inc. All Rights Reserved.

1912 Rev03

Table of Contents

1	Safety Information · · · 3	U	V lamp function · · · · · · 34
Safety Information3			Troubleshooting · · · · 38
2	Setting up····· 18	Trou	ubleshooting · · · · · 38
Unio	que features · · · · · 18		
Not	ification · · · · · 19	5	Appendix····· 39
Part	ts20	Spe	cifications · · · · · 39
Unit	t description · · · · · 21	Mai	ntenance · · · · · 40
3	Operation · · · · · 23	Ha	andling the Unit · · · · · 40
Clea	ansing Mode · · · · · 23		
Abs	sorption promotion Mode 27		
Cha	arging the battery····· 29		
Cł	harging····· 29		
Cł	hecking the charging status		
Cł	hecking battery status 31		
Hov	v to use the unit····· 32		
Cł	hanging Care mode · · · · · 32		
Vo	oice guidance function · · · 33		

Safety Information



CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

CAUTION: Do not use high voltage products around this product. (ex. Electrical swatter) This product may malfunction due to electrical shock.

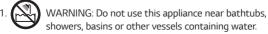
CAUTION: No naked flame sources, such as lighted candles, should be placed on the apparatus.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over heating. The openings shall never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

NOTICE: For safety marking information including product identification and supply ratings, please refer to the main label on the bottom or the other surface of the product.



- 2. The appliance is not to be used 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
- 3. Children being supervised not to play with the appliance.
- 4. For a part of class III construction supplied from a detachable power supply unit, the instructions state that the appliance is only to be used with the unit provided.
- 5. Instructions for class III appliances state that it must only be supplied at SELV.

CAUTION concerning the Power Cord

The Power Plug is the disconnecting device. In case of an emergency, the Power Plug must remain readily accessible.

Check the specification page of this owner's manual to be certain of the current requirements.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your device, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the device, and have the cord replaced with an exact replacement part by an authorized service center. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the device.

CAUTION: Only use the AC adapter supplied with this device. Do not use a power supply from another device or another manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty.

CAUTION when using this product in environments of low humidity

- It may cause static electricity in environments of low humidity.
- It is recommended to use this product after touching any metal object which conducts electricity.

This device is equipped with a portable battery or accumulator.

How to Safely remove the batteries or the battery pack from the equipment: To Remove the old batteries or battery pack, follow the assembly steps in reverse order. To prevent contamination of the environment and bring on possible threat to human and/or animal health, the old batteries or the battery pack must be put in an appropriate container at designated collection points. Do not dispose of batteries or battery pack together with other waste. It is recommended that you use local, free reimbursement systems batteries or battery packs, (may not be available in your area). The batteries or the battery pack should not be exposed to excessive heat such as sunshine, fire or the like.

Symbols

2	Refers to alternating current (AC).	
===	Refers to direct current (DC).	
	Refers to class II equipment.	
Ф	Refers to stand-by.	
I	Refers to "ON" (power).	
4	Refers to dangerous voltage.	

Product storage and maintenance

- Do not drop the charging cradle or the charging adapter into a drain or sink or place it in a place where it may fall into water or other liquids. Do not use a charging cradle in the shower or immerse in water
- Do not touch the charging cradle or cable that is in the water and disconnect the charging adapter immediately.
- · Keep the cord away from heated surfaces.
- · Always use the provided charging adapter.
- If not used for a long time, charge the battery at least once every 3 months to maintain battery life.
- Do not prick the unit gap with sharp metal objects such as keys, hairpins, necklaces, or nails.
- Please keep it in the packing box. If it is necessary to carry the
 product, please repack it in the packing box at the time of purchase.
- Do not place volatile liquids, such as pesticides, near them.
- · Wiping the unit surface hard can damage the unit.
- Do not place plastic products or rubber on the unit for a long time.
- To clean the unit, use a soft, dry cloth. If the surface is too dirty, use a soft cloth with some detergent or water. Do not use strong chemicals such as alcohol, benzene or thinner as they may deteriorate the surface of the unit
- · Do not put the unit in dishwasher, oven, washing machine.
- Do not allow cleansing liquids to come into contact with the product's surface as this may cause damage to the product or fire.

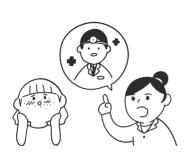
IMPORTANT SAFETY NOTICE

The cord grip for the plug fitted to this product is built into the existing power cord as supplied. If, for any reason you need to shorten the cord.

DO NOT RE-USE THE PLUG.

A new plug must be used to ensure your continued safety by securing the plug to the power cord in accordance with Plug & Socket Regulations 1994.

To reduce the risk of injury



- Before using the device, if you are currently undergoing dermatology related treatment or have skin problems, consult your dermatologist and then use it.
- Please consult with your dermatologist for specific symptoms such as allergies and sensitive skin
- Do not use this device if it has skin or skin irritation such as scratched skin or severe acne, burns, bacterial skin infections, or the like.





- Do not use this device during the last two months if your skin is recovering due to skin related procedures, cosmetic surgery, or procedures for hair loss. Please use it after consultation with a specialist.
- As a facial treatments only, it is not recommended to use for a body.
- Do not use the device on mucous membranes including oral cavity. Do not place this device directly on your ear.
- When using this unit on the neck, avoid the part of the neck where the thyroid is located.



- The technology used in Pra.L is suitable for general usage and has minimal side effects. Its safety has been verified by 3rd party external agencies.
- However, individuals who are undergoing treatment for serious diseases like cancer and thyroid complications should consult a doctor before use
- Our skin is subject to temporary changes caused by external factors such as temperature or seasons. Internal factors such as consumption of alcohol or stress can also cause negative effects to the skin. We recommend using the device only when the skin condition is at its normal state or after consulting a doctor
- If you are currently being treated or were treated for a thyroid-related disease, we recommend that you use the product only after consulting a specialist.
- · Depending on individual skin condition, the device may cause a variety of skin irritations. If such irritation occurs, please stop use.



 Pregnancy, menstruation, lactating women are not recommended for use. (Unstable hormonal balance may cause temporary skin trouble.)



 Do not allow people to use who can not clearly express their own will, including infants.



 Do not use the device if you have an abnormality in the sensory system.



 Do not use this unit immediately after shaving.



 Do not use this unit while driving or walking.



 Do not use the head with the head stopped at one place, but please use it according to the guide of this manual.



- Please follow recommended hours of use when long time use hecause there is a possibility of a low-temperature hurn
- Do not expose the LED light of the UV head protection cap directly. Excessive exposure to the light can cause eve and skin damage.

 Before use, please remove the precious metal parts that this unit touches







- Do not use when medical electronic device such as medical monitoring equipment is nearby or if you have implanted an electronic devices such as cardiac pacemakers.
- If you have a metal prosthetic device such as a straightener or a dental implant, avoid this area. If you feel uncomfortable or painful, please consult your doctor or dermatologist and then use it.
- Do not use the device for purposes other than those set out in this quideline.



"What cosmetics should I buy and use for each mode in the product?"

To make your skin cleaner, it is effective to use Cleansing. (cleansing) mode before using Boost (absorption promotion) mode. It is recommended to use this mode with a moisture gel.

Boost (absorption promotion) mode is a process that helps the active ingredients in cosmetics penetrate the skin. It is recommended to use the cosmetics that were used in the past or cosmetics for your skin type. Cosmetics containing large amounts of oil can be a disturbance to their effectiveness and are recommended to be avoided

" How can I know if this unit is fit for my

Before using it on your face, it is recommended to test the cosmetics you are wearing with the unit on inside your arm.

What should I do if I feel dry? "



- Please reduce the frequency of use in a week



It is recommended to use moisturizing cream or mask pack for moisturizing immediately after use.



If you are taking medication, consult your health care professional before using this medicine to induce skin dryness.

Unique features

Complex absorption promotion

- The combined function of iontophoresis and ultrasonic waves helps absorption of active ingredients in cosmetics more effective than manual care
- The warm massage function relieves skin tension and smoothly applies cosmetics to help naturally absorb.

Skin contact safety material and UV head protection cap

- The head (skin contact area) is used with medical material which is safe for skin
- The UV head protection cap protects the head part, enabling clean storage management.

Triangle head design

You can easily manage curved areas such as the eyes / nose area.

Voice guidance

As voice guidance, guide how to care easily during use.

Notification

Symbols used in this manual



Note

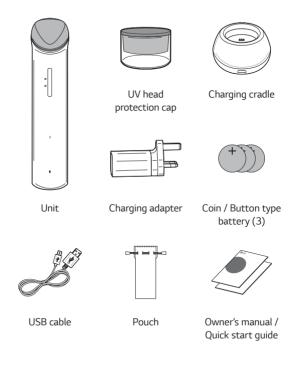
Indicates special notes and operating features.



Caution

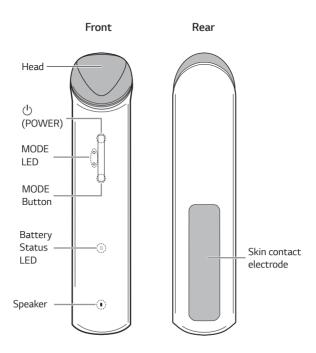
Indicates cautions for preventing possible damages from abuse.

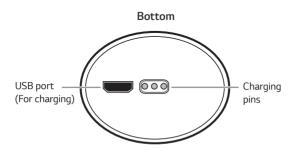
Parts



Unit description

Unit





Charging cradle



Cleansing Mode

To make your skin cleaner, it is effective to use this mode before using absorption promotion mode.

- 1. Start the cleansing mode after remove makeup and wash the face
- 2 After wash the face please use this appliance with plenty of water gel on the area of your face or device head to be used.
- 3. Gently wrap the skin contact electrode on the back of this unit so that it touches the palm of your hand. (If you do not touch the skin contact electrode, the device will not work.)





4. Press the (1) (Power) button to turn on the power, then check the cleansing mode. Press the MODE (mode) button to change to the cleansing mode in case of the absorption promotion mode



- 5. Follow the voice guidance function, slowly cleanse your face like gently wiping away from around your eyes.
 - Cleansing consists of 5 steps for 3 minutes. (Forehead \rightarrow Nose \rightarrow Chin \rightarrow Left cheek \rightarrow Right cheek \rightarrow Power off)



When you hear the voice guidance or a sound effect, gently move the device head around the forehead from bottom to top for about 45 seconds.



When you hear the voice guidance or a sound effect, slowly move the device head from your forehead to your nose. Gently cleanse the nose area from bottom to top for about 45 seconds.



When you hear the voice guidance or a sound effect, slowly move the device head from your nose to your chin. Gently cleanse the chin area from bottom to top for about 30 seconds.



When you hear the voice guidance or a sound effect, use the device to gently cleanse vour both cheeks area from bottom to top and your under both eves from inside to outside for about 30 seconds

This unit automatically turns off after cleansing.

- 6. Rinse your face sufficiently with tepid water after cleansing.
- 7. After use, wipe the unit with a dry towel, and put the UV head protection cap on the head and store the unit.



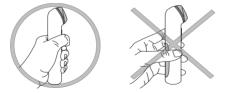
Note

- It is effective to use this mode before using absorption promotion mode.
- The water gel is sold separately. We recommend using a moisturizing gel which is suitable for your skin type.
- If you set the voice guidance function to mute, the unit doesn't provide voice guidance and sound effect guide.

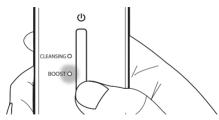
Absorption promotion Mode

The complex function of the mode helps the penetration of active substances contained in cosmetics

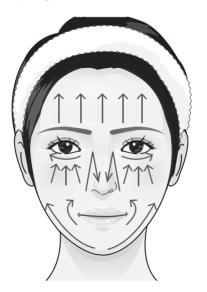
- 1. Wash your face before starting absorption promotion mode.
- 2. Before using this product, apply cosmetics (such as vitamin C serum) to pat on the cleansed face to permeate.
- 3. Gently wrap the skin contact electrode on the back of this unit so that it touches the palm of your hand. (If you do not touch the skin contact electrode, the device will not work.)



4. Press the (1) (Power) button to turn on the power then press the MODE button to select absorption promotion mode.



5. Slowly care the area of your desired like gently wiping from top to bottom depending on the skin texture.



- 6. This unit automatically turns off after 3 minutes of care time.
- 7. After use, wipe the unit with a dry towel, and put the UV head protection cap on the head and store the unit.

Charging the battery

Charging

Charge the battery enough before using the unit.



- Always use the provided charging adapter.
- Using other charging adapters may cause malfunction and cannot be repaired.
- Connect the charging adapter using USB cable.
- 2. Connect USB cable to the charging cradle.
- 3. Connect the charging adapter to the power outlet.
- 4. Place the unit on a charging cradle and charge it. When the battery is fully charged, the battery status LED indicator of unit turns areen.



- This unit cannot be used during charging.
- You can charge the unit to USB port (for charging) on the hottom of unit
- After the battery is fully charged, unplug the power to save energy.
- The unit can be charged with a secondary battery with a current output of 1 A and more at 5 V voltage.
- Keep the charging cradle and the charging pins of unit free of moisture. Moisture can cause the charging pins to corrode.

Checking the charging status

When you place the unit on the charging cradle, you can check the charge status of the battery through the battery status LED.

LED	Status
Red	Battery is charging.
Green	Battery is fully charged.

Checking battery status

When you disconnect the unit from the charging cradle, you can check the battery charge status via the battery status LED.

If the power turned on, you can check the charging status by pressing (I) button.

The battery status LED will change depending on the battery charging status.

LED	Status
Red (blinking)	The battery is low and needs to be charged. "Battery is low." An voice guidance or sound effect is provided and the red LED blinks. Then the power is automatically turned off.
Red	Battery is low. The red LED is turned on and maintained.
Green	Battery is charged. The green light turns on for three seconds and then disappears.



Note

If you set the voice guidance function to mute, the unit doesn't provide voice guidance and sound effect guide.

How to use the unit

Changing Care mode

Pressing the MODE button while this unit is turned on changes the care mode. Each MODE LED lights according to the care mode.

mode	Status and effect
CLEANSING (Cleansing)	To make your skin cleaner, it is effective to use this mode before using absorption promotion mode.
BOOST (Absorption promotion mode)	The complex function of the mode helps the penetration of active substances contained in cosmetics.



Note

- The unit operates only when it is in contact with skin. When using this unit to care for others, the caregiver should hold this device with one hand in contact with the skin-contact electrode, and at the same time, the other hand must be in contact with the care recipient's skin, such as the face. hands. or the like. This will cause the unit to operate normally.
- If the unit is aparted from the skin, it will be paused and the MODE LED indicator in the current mode will blink
- Care time will continue even if the unit is not in contact with the skin.
- This unit automatically turns off after 3 minutes of care time.
- Vibration periodically sounds for purposes of notification during operating.
- Recommend using the product once per day. Using more than two times may cause burning sensation on skin.

Voice guidance function

Each time when you press and hold (1) button (until you can hear the voice guidance) while this unit is turned on, the voice guidance function changes.

Change voice guidance function order

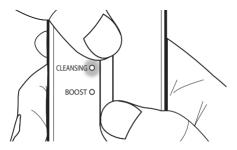
Voice quide(basic) → Sound effect quide → Guide off (Mute)

Setting the language

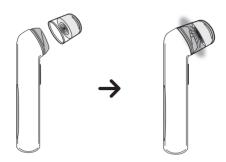
To change the language setting of the voice guidance function. press and hold both (1) button and MODE button (until you can hear the voice guidance) simultaneously while the unit is turned on. Each time when you press and hold button, language changes.

Change language order

Hong Kong Chinese (basic) → English → Chinese



UV lamp function



How to use the UV head protection cap

Attach the UV head protection cap to the unit, UV lamp function is started. The UV lamp function operates for up to 25 seconds. It may vary depending on the remaining amount of coin / button battery.



Note

- The UV LED is operated again when the UV head protection cap is detached and attached again during operation.
- Keep the UV LED area clean so that there is no foreign substance
- If the blue LED on the UV head protection cap blinks, replace the batteries to maintain UV light performance.

Battery replacement of UV head protection cap



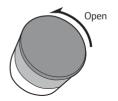
Caution

Do not open the battery cover with your fingernail. Your nails may break.

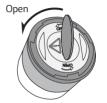
When replacing the batteries, three CR2025 sized coin / button batteries are required.



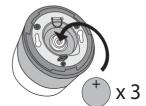
1. Open the cover of the UV head protection cap by turning it counterclockwise.



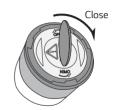
2. Turn the groove of the inner cap counterclockwise with a coin and remove the inner cap.



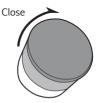
3. Insert the three batteries with the (+) electrode of the battery facing up.



 Place the inner cap on the UV head protection cap and turn it clockwise.



 Place the cover on the UV head protection cap and turn it clockwise.



∧ Caution

DO NOT INGEST BATTERY CHEMICAL BURN HAZARD



Caution

- The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge disassemble incinerate or heat above 100 °C. Replace the battery part no. CR2025 only. Use of another battery may present a risk of fire or explosion. Dispose of used battery. Keep battery away from children. Do not disassemble or dispose of in fire.
- The UV head protection cap supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention

Troubleshooting

Symptoms	Cause & Solution
The unit does not operate normally.	Make sure that you have pressed the Power button properly.
	Charge the unit according to the instructions in this user manual.
	 Check if the battery status LED on the unit lights up to make sure the unit is charging.
	It will not work while charging. Please stop charging before use.
No Power.	The battery is discharged. Recharge the battery.
	Connect the unit to the power supply with the charging adapter.
	Check the charger to which you connect the unit is live.
	Check whether the voltage indicated on the unit corresponds to the local mains voltage.
Temperature of unit	No action is required.
rises during use.	But, if you feel the unit is much hotter than your body temperature, then stop the skin care and contact LG Electronics customer care center.

Specifications

Power supply (AC Adapter):

- Input: 100 V - 240 V ~ 50 / 60 Hz

- Output: 5 V === 1.8 A or 5 V === 2 0 A

Dimensions (W x H x D):

- Approx. 39 mm x 165.5 mm x 42 mm (Unit)
- Approx. 72 mm x 23 mm x 72 mm (Charging cradle)

Operating temperature: 0 °C to 35 °C

Operating humidity: 0 % to 90 %

Recommended usage times: once per day

- * It is available for about 1 hours when using the Absorption promotion mode after charge once.
- Usage time may vary depending on the battery, ambient temperature and usage conditions.

Full charging time: Within 3 hours

- Charging time may vary depending on the remaining capacity of the battery, ambient temperature, or charging conditions.
- Design and specifications are subject to change without notice.

Maintenance

Handling the Unit

When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

Keeping the exterior surfaces clean

- Do not use volatile liquids such as insecticide spray near the unit.
- · Wiping with strong pressure may damage the surface.
- Do not leave rubber or plastic products in contact with the unit for a long period of time.

Cleaning the unit

To clean the unit, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzine, or thinner, as these might damage the surface of the unit.

Beauty Product Warranty Policy

(1)LG Electronics Hong Kong Limited (hereafter "LGEHK") provides Warranty Period (hereafter "Period") from the date of purchased are as follows and only valid for Beauty Product purchase in Hong Kong / Macau only (any promotion gift item is not included):

i. Product: 12 months

ii. Embedded Battery: 6 months

(2)Warranty is valid only for authorized product; parallel import and counterfeit product are invalid.

(3)Product is under warranty against manufacturing defects in faulty workmanship or internal electronic parts materials. This warranty does not cover defects arising from any wear and tear of the product (Including casing, button, and accessories, etc.)

(4)Customer is expected to deliver and collect their products to and from the LGEHK Service Centre. This warranty is applied in Beauty Product only.

(5)If check-up or repairing are required, customer must present both the original invoice and warranty card. Upon any failure to present the above documentation, customer must pay for the costs of the services provided.

- (6)All parts replaced within the warranty period are the property of LGEHK. We have rights to handle those parts as necessary. All changed parts are non-returnable.
- (7)Warranty will be voided under the following conditions, and LGEHK reserves the right to refuse providing service and/or shall demand charges for any costs of servicing from customer:
- i. Product has been modified or repaired outside of LGEHK Service Centre
- ii. Product has been mishandled, negligence such as leaving batteries unattended and thereby causing battery fluid leakage, applying the wrong voltage, forces of nature or accident.
- iii. Installation maintenance of the product without following proper instruction from manufacturer.
- iv. The model number of the item code attached has been erased or modified.
- v. The content of warranty policy has been modified without authorization
- (8)LGEHK reserves the right to terminate or modify the terms of this warranty card without notice. For exceptional cases, subject to report of our investigation, we reserve the right to terminate this warranty card or modify terms of warranty policy.

- (9)Our company will not be liable for any loss and damage directly or indirectly caused by the breakdown of the product.
- (10)This warranty card is restricted within Hong Kong SAR / Macau SAR only.
- (11)LGEHK and its Authorized Service Centers reserve the right to use refurbished or reconditioned parts or whole products for the same or functionally equivalent model when conducting product repairs and replacement.
- (12)The warranty does not apply to any non-LGEHK products, parts and accessories.
- (13)LGEHK reserves the right to interpret any terms and conditions set forth above in its sole and final discretion.
- (14)In case of disputes, LGEHK have absolute and final decision, and which be fully agreed upon and followed by customers.

