



LIGHTWAVE LANTERN AMP

QUICK START GUIDE

IMPORTANT

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 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.

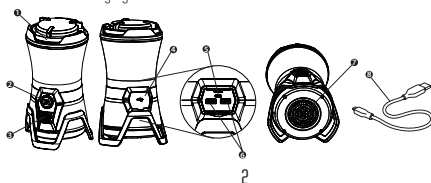
BEFORE FIRST USE

Before first and every use, charge the unit battery fully following the instructions on "HOW TO CHARGE". When the lantern is not in use for a long period, the runtime of the light will be shortened due to the self-discharge of the battery.

PRODUCT FEATURES

- 2 Operating Modes
 - Manual Mode
 - High, Low, Red, BLUETOOTH® Pairing and Off
 - BLUETOOTH Mode
 - Controlled by Brunton's B-SYNC App
 - Fully adjustable dimming controls (High to Low)
 - Full color spectrum lighting options (RGB LED)
 - Synchronized light and sound
 - Speaker function without light

1. Integrated handle with hook
2. Main Button (Power and manual mode selection)
3. Battery Power Indicator (BPI)
4. USB Cover
5. Micro-USB Charging Port
6. USB Outputs (2x)
7. Speaker
8. Micro-USB charging cable



SPECIFICATIONS

Illumination (Lumens): High-700 Low-350

Runtime (ANSI FL-1 Standard): High-13 Hrs

Low-29 Hrs

Red-62 Hrs

Battery Type: 3.7V 20,000mAh Lithium battery

Operating Temperature: -4°F to 113°F (-20°C to 45°C)

Operating Humidity: ≤ 90%

HOW TO CHARGE

Fully charge the lantern using the supplied micro-USB charging cable.

1. Connect the micro-USB charging cable into the lantern's charging port at the back of the AMP, and the USB end of the micro-USB charging cable into your home power outlet (DC5V power sources), computer, or other USB power source.
2. Standard charging time from empty is approximately 10 hours. Charging will stop when fully charged.

NOTE: The charging time and the operation time may vary depending on the use environment.

A. STATUS INDICATOR:

The battery power indicator light indicates how much battery life remains for the mode in use.

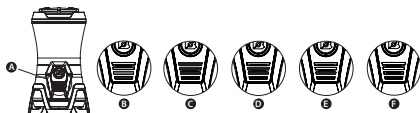
B. Light flashing = Charging

C. All lights on = Fully charged 100% battery life

D. Three lights on = Around 75% battery life

E. Two lights on = Around 50% battery life

F. One light on = Low battery > Below 25% battery life



OPERATING INSTRUCTIONS

LIGHT FUNCTION

To turn the AMP ON, press the main button.

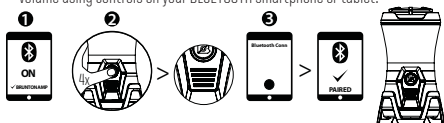
Adjust the light mode (High / Low / Red / BLUETOOTH Pairing / Off) by pressing the main button repeatedly.

To turn the lantern OFF, press the main button once after BLUETOOTH pairing mode.

BLUETOOTH OPERATION WITH LIGHT AND AUDIO FUNCTION

The Brunton LIGHTWAVE AMP is controlled by Brunton's B-SYNC App. Available for smartphones or tablets running iOS or Android operating systems via free download.

1. On your BLUETOOTH device (Smartphone or tablet), turn on BLUETOOTH.
2. Turn on BLUETOOTH pairing by pressing the main lantern button 4 times (High, Low, Red, then BLUETOOTH Pairing). The status indicator will turn BLUE and lantern will make a sound indicating it is in BLUETOOTH pairing mode and is ready for pairing.
3. The device code of this lantern "BRUNTON AMP" will appear on the device list of your smartphone or tablet. Select the lantern. The BLUETOOTH status will show on your BLUETOOTH menu after pairing is established. The lantern speaker is ready to play music.
4. Open B-SYNC App, select the menu (top left), select BLUETOOTH Connection. It will automatically search for LIGHTWAVE AMP. Press LIGHTWAVE AMP from selection list and operate according to B-SYNC App instructions.
5. Alternatively, play music from native player or streaming music service. Adjust volume using controls on your BLUETOOTH smartphone or tablet.

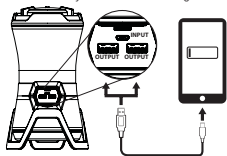


If the BLUETOOTH turns off after five minutes without playing audio, it has entered power saving mode. Turn lantern off and press main button 4 more times for BLUETOOTH, and try pairing your device again following steps 2-4.

The lantern speaker operates with a single pair devices mode. If you pair the speaker with another device, the device least recently connected needs to be un-paired with the speaker first. Repeat steps above.

POWER BANK FUNCTION

1. Select the suitable USB charging cable (different devices require different charging cables for charging). Cable(s) not included.
2. Plug the USB cable into either lantern USB output port, then plug the other side of the cable into the charging device (phone, tablet, etc.) The device will then start charging.
3. When the lantern battery is discharged, it will stop charging device. Discharging the battery will also disable light functionality until lantern battery is recharged.



TROUBLE SHOOTING

The BLUETOOTH function doesn't work or it won't pair:

- Try moving your device closer.
- Is the lantern turned on and charged?
- Is BLUETOOTH enabled on your device or computer?
- Turn the BLUETOOTH off and then on to wake it.
- Try repeating the setup procedure in this guide or pair with a different BLUETOOTH device.
- The speaker plays music from one device at a time. Unpair the device not being used. (Refer to your device documentation for help.) Pair a new device using the setup procedure.
- If pairing with a computer, specify the lantern speaker as the Audio Out device on the computer.

CAUTION

DO NOT immerse in water.

Keep your AMP away from fire, heat, flammable or combustible products.

DO NOT disassemble the AMP.

If the AMP has been damaged, do not use it again before consulting Brunton tech support.

If the USB charging cable, USB plug, or AMP body is damaged. DO NOT use it.

The USB charging cable is for indoor use only.

Never short-circuit the terminal of the battery and the plug of the USB charging cable. It may cause the battery to overheat, resulting in fire or damage of the components.

Use the micro-USB charging cable included for charging only.

Lithium batteries in the product can easily rupture, ignite, or explode when exposed to high temperatures, or direct sunlight. The product should be stored and charged under well ventilated environment. Short-circuiting a battery can also cause it to ignite or explode. Never open a battery's casing. Batteries contain safety devices that protect the cells inside from abuse. If damaged, these can cause the battery to ignite or explode while charging.

DO NOT charge the AMP and charge an electronic device at the same time. This will shorten the AMP's battery life.

Securely close the USB cover at the back of the AMP so that it will not be damaged by rain or dirt.

Safely and properly dispose of the AMP according to your local regulations when it comes to the end of its useful life.

This AMP is NOT a toy. Child supervision recommended.

A long period of non-use will lower the voltage of the battery due to natural self-discharge. If the light is kept on until the power is completely gone (i.e. over discharge), it may shorten the battery life. It is recommended to charge the AMP at least once per 1 month in order to keep the battery in normal stage.

DO NOT charge the AMP for more than 8 hours.

If the AMP does not serve the proper running time even though the battery is fully charged, the battery may have reached the end of its useful life.

WARRANTY

Please register your Brunton LIGHTWAVE AMP by visiting www.brunton.com/Register. Brunton has taken every effort to ensure years of trouble-free use from your new product. This product is guaranteed to be free of defect in material and workmanship according to local regulatory requirements. This product is not subject to guarantee from third-parties and is subject to change. Brunton will repair or replace with a new equivalent, without charge for parts or labor, per Brunton's discretion. Brunton cannot be held responsible for accidents, damages or injury occasioned by the use of this product. Warranty will be rendered invalid if product is damaged by tampering, negligence or misuse.

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CAUTION

RISK OF EXPLOSION IF BATTERY IS
REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES
ACCORDING TO THE INSTRUCTIONS.

FCC ID : 2AFQH-AMP

MODEL : AMP

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.

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