

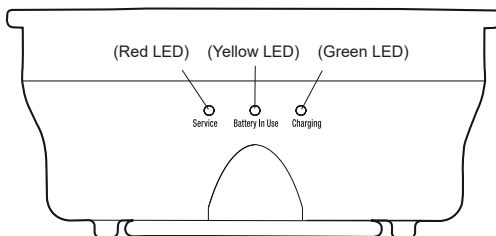
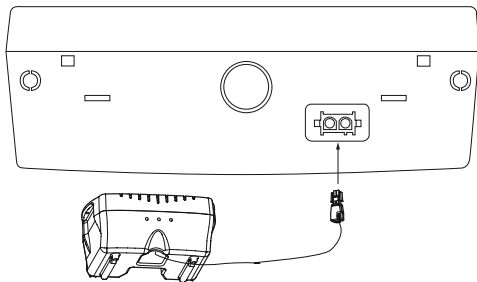
### 1. Mounting the BBU directly to the Ceiling within BBU's cord length

- After the motor unit has been installed, position the BBU next to the motor unit to a structural support (joist) within BBU's cord length.
- Attach the BBU to the support by using the ceiling mount holes on either side of the BBU.
- Secure the BBU to the ceiling using 1-1/2" lag screws (provided).

### 2. Connect the BBU to the Motor Unit.

- Disconnect the motor unit from the electrical outlet.
- Connect the BBU cord into the connector on the bottom of the motor unit. (see picture below) Connect the motor unit into the electrical outlet. The BBU will activate and all LEDs will turn on for 3 seconds.
- The green LED will begin flashing indicating the BBU is charging from the motor unit.

**IMPORTANT NOTE:** Installation of BBU when permanent electrical power is not available (such as new construction and the electricity is not installed) may damage the batteries. Unplug BBU after testing to prevent damage.



Australia  
NSW, Vic, Qld, WA  
Phone toll free 1800 638 234  
Fax toll free 1800 888 121

New Zealand  
Phone 09 415 4393  
Phone toll free 0800 653 667  
Fax toll free 0800 653 663

United Kingdom  
Phone 0845 602 4285  
Fax 01934 823899

Germany  
Phone 0681 870 80 0  
Fax 0681 870 80 199

## ⚠ WARNING

To prevent possible SERIOUS INJURY or DEATH from electrocution, disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.

### OPERATING INSTRUCTIONS

#### 1. Test the installed BBU with the motor unit.

To test the BBU, disconnect the motor unit power cord from the electrical outlet.

- A solid yellow LED indicates the BBU is operating on battery power.
- A flashing yellow LED with beep indicates the BBU is operating on battery power and that the battery charge is low.
- To test the BBU is functioning properly, open and close the garage door.
- Re-connect the motor unit power cord back into the electrical outlet.
- Verify that the green LED is flashing on the BBU (indicates that the BBU is now charging).
- Test completed

#### 2. Charge the battery.

- Allow the batteries 24 to 48 hours to fully charge before using the BBU system.

A fully charged BBU supplies 24V DC to the motor unit for one to two days of normal operation during an electrical power outage. If the battery voltage drops too low, the batteries will disconnect and the motor unit will no longer operate under battery power.

After the electrical power has been restored, the batteries will recharge within 48 hours. Under normal usage batteries will last 3 to 5 years.

To obtain maximum battery life and prevent damage, also disconnect the battery backup if you unplug the motor unit while on vacation or any other extended period of time.

**NOTE:** Door operation may be limited until batteries are fully charged. The motor unit's lights will not turn on during BBU mode.

### Battery Backup Unit (BBU) Diagnostics

#### GREEN LED:

All systems are normal.

- A solid LED light indicates the batteries are fully charged.
- A flashing LED indicates the batteries are being charged.

**NOTE:** Batteries do not have to be fully charged to operate the motor unit.

#### YELLOW LED:

The motor unit has lost power and is operating off of the BBU.

- A solid LED with beep, sounding approximately every 2 seconds, indicates the motor unit is activating the door and is operating off of the BBU.
- A flashing LED with beep, sounding every 30 seconds, indicates batteries are low.
- Once the power is restored the BBU will recharge. This is indicated by a flashing green LED.

#### RED LED:

An error has been detected and the BBU will automatically shut off. The BBU will attempt to restart by reconnecting to the batteries. If the error is still present it will shut itself off again. This process will repeat every 5 minutes or until the error has been resolved. This is used to prevent further draining of the batteries.

- If a red LED remains on when the power is restored, and is accompanied by a beep sounding every 30 seconds, please call for service.

⊗ The packaging must be disposed of in the local recyclable containers. According to the European Directive 2002/96/EC on waste electrical equipment, this device must be properly disposed of, after usage in order to ensure a recycling of the materials used. Old accumulators and batteries may not be disposed of in the household waste, since they contain pollutants and must be properly disposed of in municipal collection points or in the containers of the dealer provided. Country-specific regulations must be observed.

The product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/ EC. The CE Declaration of Conformity can be obtained from [info@chamberlain.com](mailto:info@chamberlain.com)