

HIOS®
BLC Series
DC
Screwdrivers
Controller



HIOS BLC Series DC Screwdrivers Controller Instruction Manual

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HIOS®

HIOS BLC Series DC Screwdrivers Controller



FAQs

- **Q: What should I do if the unit stops during operation?**
 - **A:** If the unit stops while in screw fastening, make sure to check the torque of the fastened screw.
- **Q: Can I use this unit with other drivers not listed in the manual?**
 - **A:** Do not use with other drivers or devices except the models listed in this operation manual.
- **Q: How should I handle overheating issues?**
 - **A:** If the protection circuit works due to overheating, stop operation immediately, pull the power plug from the outlet and send it back to your HIOS distributor for repair.

Important Safety Instructions

Before using this machine, read this section and follow the instructions to properly use this machine.

Installation

- The unit should be used in a temperature and humidity-controlled room. Keep the unit away from a place with poor ventilation, dust, or metal pieces.
- Do not place any objects on the unit.
- The place to install the unit should be vibration-free and the unit should be securely fixed. If the unit is installed on the wall or in a high place, make sure to use the attached Mounting Bracket to fix it securely.
- Do not install the unit close to high-voltage equipment.

Handling

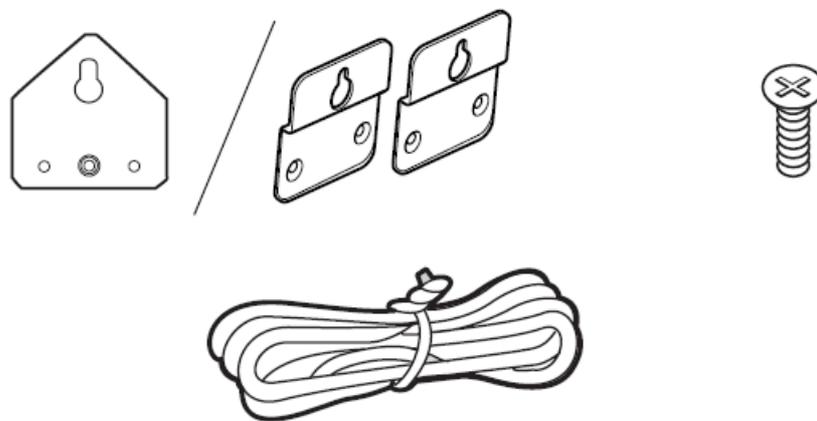
- Install a leakage breaker and safety breaker on the input power source and connect the ground to use the unit.
- Connect to a power source of the specified voltage.
- Do not use it with other drivers or devices except the models listed in this operation manual.
- If the protection circuit works due to overheating, stop operation immediately, pull the power plug from the outlet and send it back to your HIOS distributor for repair.
- The unit may automatically stop in use when the protection circuit works due to overcurrent, etc.
- Turn off the power switch once and turn it on in 5 seconds for a restart.
- If the unit stops while in screw fastening, make sure to check the torque of the fastened screw.

- Do not disassemble or modify the unit.
- Do not drop the power Supply or subject it to violent impact.
- Do not drag the unit by its driver cord or AC cord. Keep the cords away from foreign objects, oil, or something sharp.
- Make sure to grasp the plug section to disconnect the AC cord from the outlet.
- Turn the unit off and disconnect the AC cord from the outlet when the unit is not in use.
- IMPORTANT SAFETY INSTRUCTIONS-SAVE THESE INSTRUCTIONS.
- DANGER-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. CAREFULLY FOLLOW THESE INSTRUCTIONS.

Selection of Power Supply Cord:

- Use in the U.S.A. – Use the listed detachable power supply cord, No.18AWG,3 conductors, flexible cord, rated 10A, VW-1, 80°C, minimum 1.8 m, maximum 3 m long.
- Provided with a molded-on, non-polarized attachment plug with a 15A, 125V (NEMA5-15P) or 15A, 250 V (NEMA 6-15P) configuration and a molded-on connector that mates with the Power Inlet.
- The following flexible cord types may be used: S, SE, SO, SP-3, SPT-3, ST, STO, SJ, SJE, SJO, SJT, SJTO, SP-2, SPE-2, SPT-2, SV, SVE, SVT.
- Use in countries other than the U.S.A. – Use IEC60227 certified PVC flexible power supply cord, marked H03VVF or H05VVF, 3C x 0.75 mm², rated min. 10A, 250V

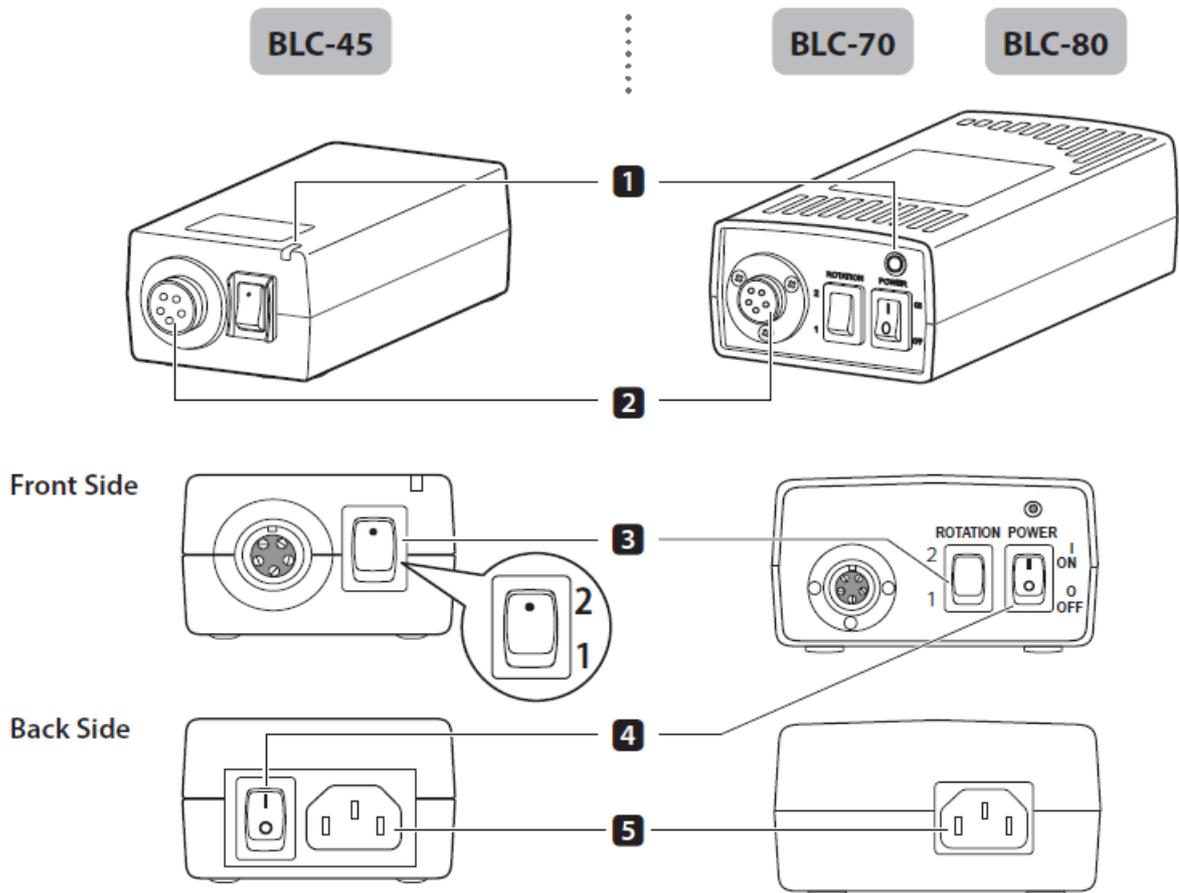
Accessories



AC Cord (1.8m)

Model	Mounting Bracket	Screw
BLC-45	1pc	1pc
BLC-70/BLC-80	2pcs	4pcs

Parts and Their Functions



1. **Power Indicator:** Lights up when the power switch is turned ON.
2. **Connector for the Screwdriver:** Connect the screwdriver cord.
3. **DC Output Switch:** 2 (HI: DC30V) / 1 (LOW: DC20V)
4. **Power Switch:** Turns the power ON or OFF.
5. **Connector for AC Cord:** Connect the power cord.

Compatible Screwdrivers

Compatible Screwdrivers (Including OPC/SS Type) BLC-45

Series	Model
BLG-BC2	BLG-4000BC2/BLG-4000BC2-LT/BLG-5000BC2/BLG-5000BC2-15*/BLG-5000BC2-HT*
BLG-BC1	BLG-4000BC1/BLG-5000BC1/BLG-5000BC1-15*/BLG-5000BC1-HT*
BLG-ZERO1	BLG-4000ZERO1/BLG-5000ZERO1/BLG-5000ZERO1-15*/ BLG-5000ZERO1-HT*
BLG BL	BLG-4000/BLG-5000/BLG-5000-15*/BLG-5000-HT*
	BL-2000/BL-3000/BL-5000/BL-5000-15*/BL-5020*

BLC-70

Series	Model
BLG-BC2	BLG-4000BC2/BLG-4000BC2-LT/BLG-5000BC2/BLG-5000BC2-15*/ BLG-5000BC2-18*/BLG-5000BC2-HT*/BLG-7000BC2*
BLG-BC1	BLG-4000BC1/BLG-5000BC1/BLG-5000BC1-15*/BLG-5000BC1-18*/ BLG-5000BC1-HT*
BLG-ZERO1	BLG-4000ZERO1/BLG-5000ZERO1/BLG-5000ZERO1-15*/ BLG-5000ZERO1-18*/BLG-5000ZERO1-HT*
BLG BL	BLG-4000/BLG-5000/BLG-5000-15*/BLG-5000-18*/BLG-5000-HT*
	BL-2000/BL-3000/BL-5000/BL-5000-15*/BL-5020*/BL-7000/BL-7000HT

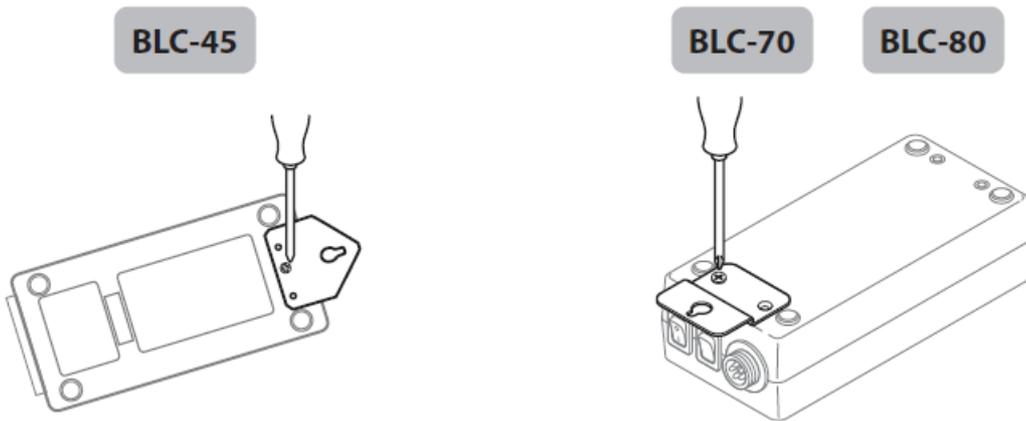
BLC-80

Series	Model
BLG-BC2	BLG-4000BC2/BLG-4000BC2-LT/BLG-5000BC2/BLG-5000BC2-15*/ BLG-5000BC2-18*/BLG-5000BC2-HT*/BLG-7000BC2*/BLG-7000BC2-GT (-S, -HANDLE)*

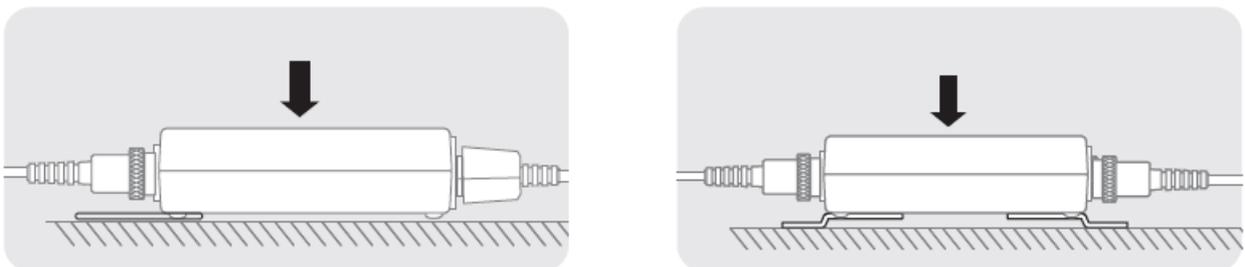
Use only 2(HI) power outlets with the *models. These models may not perform properly on 1(LOW) power outlet.

Attach the Mounting Bracket

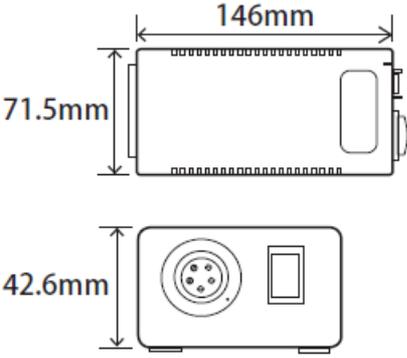
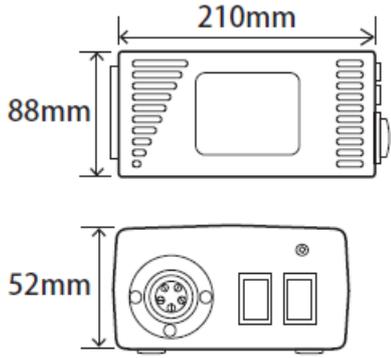
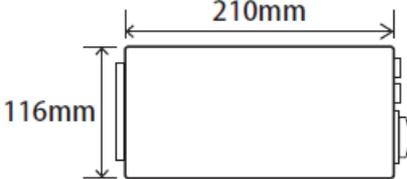
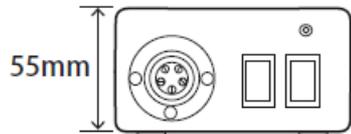
- Make sure to use the attached Mounting Bracket and the screw to fix the unit securely if you install it on the work table, the wall, etc.



Example



Specifications

Model Name		BLC-45	BLC-70
Primary Side	Input Voltage	AC100-240V (47-63Hz)	
	Power Consumption	45-78VA Fuse capacity: 3.15A/250V (Built-in)	40-65VA Fuse capacity: 5A/250V (Built-in)
Secondary Output Voltage		HI(2): DC30V / LOW(1): DC20V (2-step switchable)	
External Dimensions			
Weight		320g	685g
Number of Connectable Screwdrivers		1 unit	
Model Name		BLC-80	
Primary Side	Input Voltage	AC100-240V (47-63Hz)	
	Power Consumption	65VA max. Fuse capacity: T3A/250V (Built-in)	
Secondary Output Voltage		HI(2): DC30V / LOW(1): DC20V (2-step switchable)	
External Dimensions			
Weight		1.37kg	
Number of Connectable Screwdrivers		1 unit	

HIOS Inc. 1-35-1 Oshiage, Sumida-ku Tokyo, Japan

Documents / Resources

<p>HIOS</p> <p>デジタル無線DCドライバー Digital Cordless DC Controller</p> <p>BLC-45 / BLC-70 / BLC-80</p> <p>取扱説明書 Operation Manual</p>  <p>www.hios.com</p>	<p>HIOS BLC Series DC Screwdrivers Controller [pdf] Instruction Manual</p> <p>BLC Series DC Screwdrivers Controller, BLC Series, DC Screwdrivers Controller, Screwdrivers Controller, Controller</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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