

Thank you very much for purchasing the BX-32MH. This User's Manual contains safety warnings and instructions for handling the product. Before using the product, please carefully read through this User's Manual in addition to the manual for the batteries that you will be using. After reading, store the User's Manual together with the product and refer to it whenever necessary.

Read first:

Usage Cautions



Warning

- Not following the warnings below could lead to a high chance of death or serious injury.
 - This device is a charger for model Ni-MH batteries. Do not use the device for any other batteries or purposes.
 - Be sure to always monitor and observe the device during charging and be able to respond immediately to any abnormalities.
 - Be careful not to allow any substances such as metals or water to enter the device. Avoid using the device in areas with a lot of contaminants such as dust or hair.
 - If you become aware of lightning, unplug the device from the socket.
 - Always follow the battery manual when setting the charging voltage. When unsure, check with the manufacturer of the batteries.
 - Do not charge any batteries that appear to be damaged, misshapen, or leaking. *We do not take responsibility for any leakage, explosions, fires, or defects caused by using deteriorated or defective batteries.
 - When batteries are charging, be sure to follow all appropriate safety procedures and maintain a safe distance.
 - If a battery does leak during charging, be careful not to allow any battery fluid into your eyes. *Blindness can occur.
 - When transporting batteries, do not carry them together with the device or any metals. Do not allow the plugs or connectors to short.
 - The device has the risk of being flammable while in use, so do not allow any combustible items near it. Doing so can cause fires to occur.
 - Do not use or place the device in direct sunlight, near a heater, or any place you would expect to be a high temperature. Doing so can cause battery accidents in addition to the device overheating or breaking down.



Caution

- Not following the cautions below could lead to a chance of injury or damage.
 - Do not open the case of the device, disassemble it, or modify it.
 - Do not let the device get wet in any way and do not take it to any damp places.
 - Do not place the device on top of any object that might catch fire or become misshapen due to heat. Do not use the device near any such objects. *This product can generate heat even when it is operating normally.
 - Do not place any objects on top of the device.
 - If you will not be using the device for a long time, unplug it from the socket.
 - Do not plug in or unplug the power cord from the socket while the batteries are connected to the product.
 - Do not pull on the power cord. Have the cord professionally repaired if it becomes worn out or damaged.
 - Do not place the device in an unstable place and do not give it any strong shocks.
 - Always remove the batteries and power cord from the product when not charging.
 - If a child uses the device, make sure an adult checks for safety and provides appropriate guidance.
 - Only undertake charging at temperatures between 0° C and 40° C.

Do not connect the device to your PC. Doing so could damage the PC.

Part Names / Product Specifications

Micro USB connector (electricity supply)

Connect the included USB cable and connect your AC-USB charger.

LED (green)

Standby: flashing
Charging: lit up
Finished charging: off
The LED will flash rapidly if an error occurs.

XH connector (charge)

Connect the XH charge connector for the included connector conversion cable.

Purpose : Charging model batteries
Dimensions : 50 x 30 x 18mm (not including protrusions)
Input voltage : DC 5.0V 2.1A
Highest charging current : 800mA (7W output)
Accessory : USB cable
Chargeable batteries : Ni-MH (nickel-metal hydride) batteries (4 - 8 cells)

Recommended batteries:

No.02184
ROBO Power cell E type
(6N-800mAh Ni-MH 7.2V)

Usage Instructions

1. Preparing to charge: Connect to the AC-USB charger (sold separately).

*Use a commercially-available AC-USB charger.

- Use the included USB cable to connect your AC-USB charger to the BX-32MH. Plugging the AC-USB charger in to the power (socket) will cause the device to go into standby and the LED to flash. Plug the connector conversion cable into the device's XH connector.

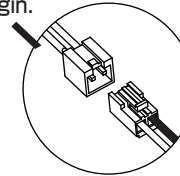
Be careful of the AC-USB charger's output.

1. Input is 5W or below: Will not charge.
2. Input is between 5W and 10W: Will charge at a low rate.
3. Input is 10W or over: Will charge normally.

2. Start charging: Connect the batteries.

- Connecting the batteries' VH connector will cause the LED to light up and charging to begin.

*The connector is unipolar. It can only be connected in one direction, so do not attempt to force it in the wrong way.



The LED flashing rapidly means an error has occurred.

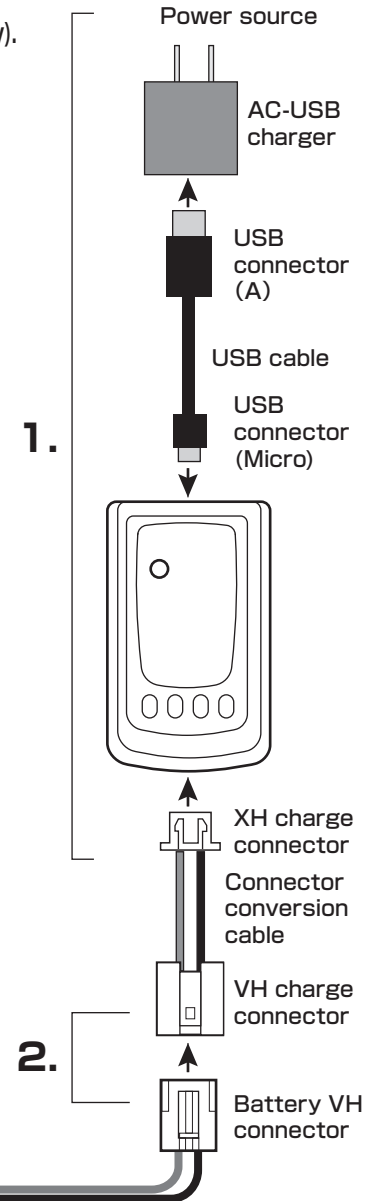
Connecting batteries that are incompatible with Li-Fe will cause flashing to indicate an error. Remove the batteries and check their compatibility.

3. Finish charging

- When the light switches off, charging is finished. Remove the battery and unplug the AC-USB charger from the power outlet. Connecting other batteries will cause charging to start again.

The BX-32MH is for nickel-metal hydride batteries. Never connect any Li-Fe/Li-Po batteries, or other incompatible batteries, to the charging connector.

Ni-MH battery



Inquiries

The most up-to-date information all online! www.kondo-robot.com

For any inquiries regarding how to use this product or after-sales repair services, please use the following details to contact our customer service division. If you are requesting repairs, please send a report containing the name of the product and the problem with it to the following address:

Kondo Kagaku Co., Ltd. Customer Service 4-17-7 Higashinippori, Arakawa-ku, Tokyo, Japan 116-0014
☎ +81-3-3807-7648 (customer service line) Reception hours: Monday - Friday
(closed on weekends and national holidays) 9:00am - 12:00pm and 1:00pm - 5:00pm.