

**16. The displayed supply voltage is different between the DX-102 and BX-212, even though they are connected to the same power supply outlet.**

Both of them calculate the voltage internally. The difference in the voltage depends on thickness of the cord which makes a difference in current consumption.

**17. Is the Ni-cd with 200mAh or less able to be discharged?**

It is very tough on the Ni-cd because the minimum discharging current is 1A for this unit. For example, it is 10C discharging for 100mAh Ni-cd. (5A for 500mAh Ni-cd.)

**18. The sign "\*\*\*\*\*V" appears on the Average Discharging Voltage screen.**

The unit calculates the average voltage every 0.5 seconds and stores all the data. The sign "\*\*\*\*\*V" appears when the data exceeds the capacity of CPU. It possibly occurs when discharging the 3000mAh Ni-cd with 1A.



**19. Why should I input the number of cells?**

Because the Ni-cd will be over-discharged as the voltage of Ni-cd is gradually decreasing after the start. Input the right number for proper operation.

**20. The cutoff voltage per cell is set on the Cutoff Voltage screen.**

**What voltage does this unit actually cut off at?**

The actual cutoff voltage is the cutoff voltage per cell multiplied by the number of cells. For example,  $0.9V \times 6 = 5.4V$  for 6 cells.

## Specifications

The specifications are subject to change without notice due to improvement.

- Usage**..... The discharger designed only for Ni-cd and Hypack batteries.
- Method**..... High Frequency FET control, stabilized current discharging.
- Discharging Current**... Switching method 1A/5A
- Dischargeable Number of Cells**...1~10 cells
- Dischargeable Nicd Voltage**... $1.2V \cdot 2.4V \cdot 3.6V \cdot 4.8V \cdot 6.0V \cdot 7.2V \cdot 8.4V$   
 $9.6V \cdot 10.8V \cdot 12.0V$
- Recommended Dischargeable Nicd Capacity** 200mAh or more
- Discharging Cutoff Voltage (per cell)** 0.80V~1.15V (set every 0.05V)
- Power Supply Voltage** 11V~16V (DC) Use 12V stabilized power supply which holds above 1A, or 12V battery with above 5Ah.
- Dimensions/ Weight**... 149x82x50mm(excluding projections),400g

## When you ask for a repair service,

describe the problem in as much detail as possible. Doing so will make our technicians pinpoint the cause of the problem faster, reducing the length of repair time.

We are able to answer the question only about KO's batteries. Contact a sales agency, regarding any other batteries.

**KONDO KAGAKU CO., LTD. Service Department**

4-17-7 Higashi-Nippori Arakawa-ku, Tokyo 116  
 (TEL) +81-3-3807-7751 (FAX) +81-3-3807-8155

## The Usage for the link operation with BX-212.

It is possible to discharge Ni-cd after charging (Cycle discharge) and /or charge Ni-cd after discharging (Refresh Charge) by connecting the BX-212 charger. (Use our optional cord.)

## How to Connect the BX-212 Charger.

### ① Power Supply Cord

Connect the cords to power supply or battery. Red (+), Black (-)

### ② Ni-cd Power Link Cord

Solder the terminals. Pink wire for Red (+), black wire for Black (-)

### ③ Extension cord

Be careful with the UP side of connector.

### Notes!

Be sure to connect DX-102 and BX-212 to the same power supply(DC11V~16V). If you connect the units to different power supplies, they will be damaged. ★ Be certain to follow the order ①~④.  
 Not doing so causes the units to be broken.

### Disconnection

Disconnect Ni-cd first and then each cord.

### ④ Connecting Ni-cd

Check all of the connection, then connect Ni-cd.

## Usage

The unit first starts operating by pressing the START key. When making a mistake, disconnect Ni-cd and restart.

### ① Check the following items before the start!

1. Charging Current for the charger
2. Discharging Current and the number of cells for the discharger

### ② Charge → Discharge (Capacity Measurement)

Press the START key of BX-212 to start charging. After full-charging, the DX-102 starts discharging automatically with the alarm sound.

### ③ Discharge → Charge (Refresh Charge)

The unit starts discharging, by pressing the START key of the DX-102 until the H mark appears on the LCD screen. After discharging, the BX-212 starts automatically with the alarm.

### ④ Note when using each unit independently.

Be sure to disconnect the terminals of power link cord and extension cord. Take Ni-cd out first when disconnecting or connecting cords.

POWER LINK