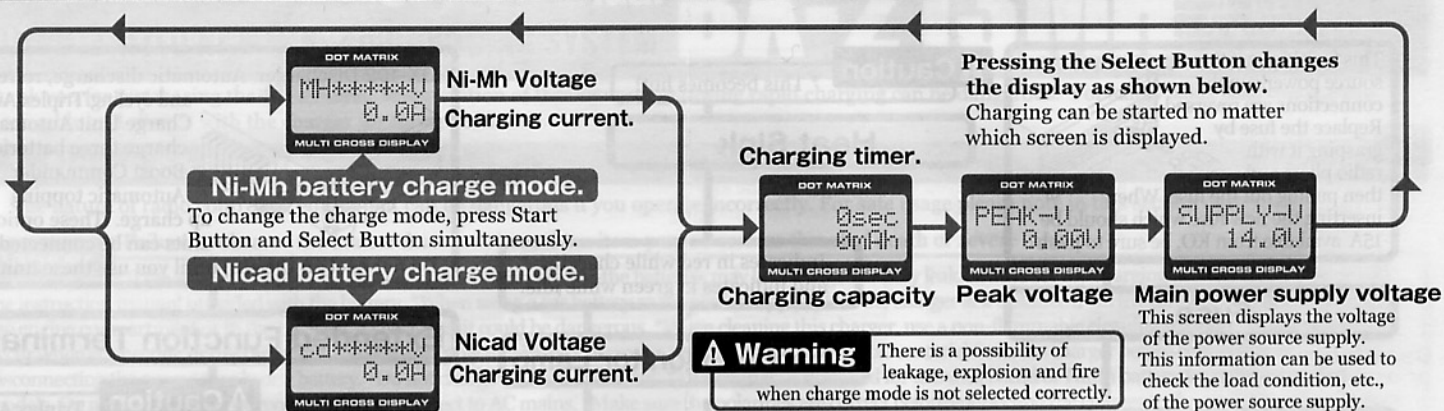
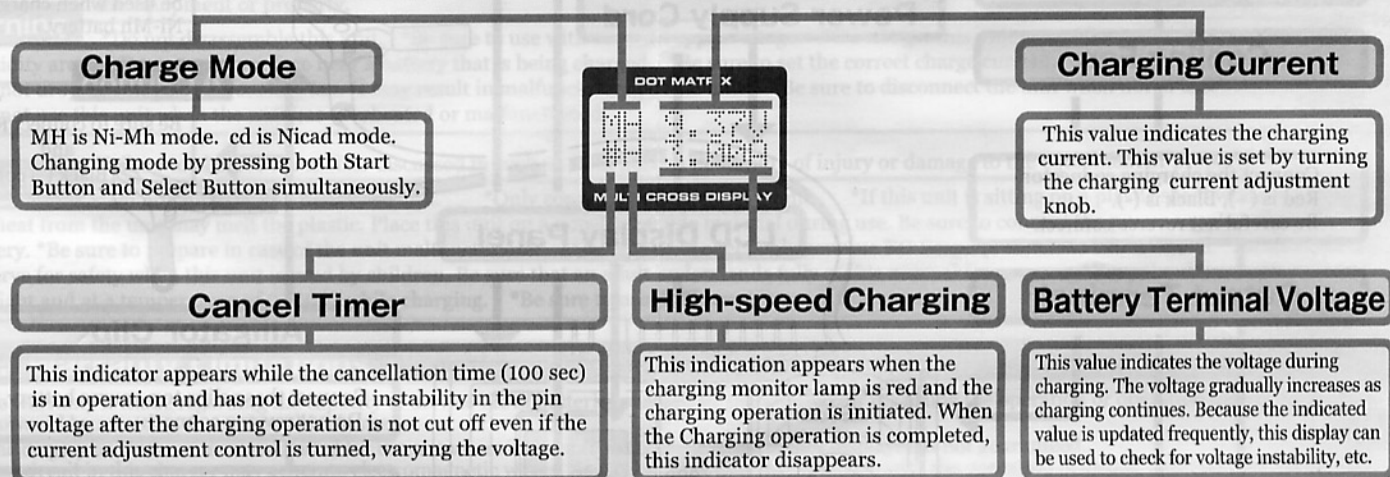


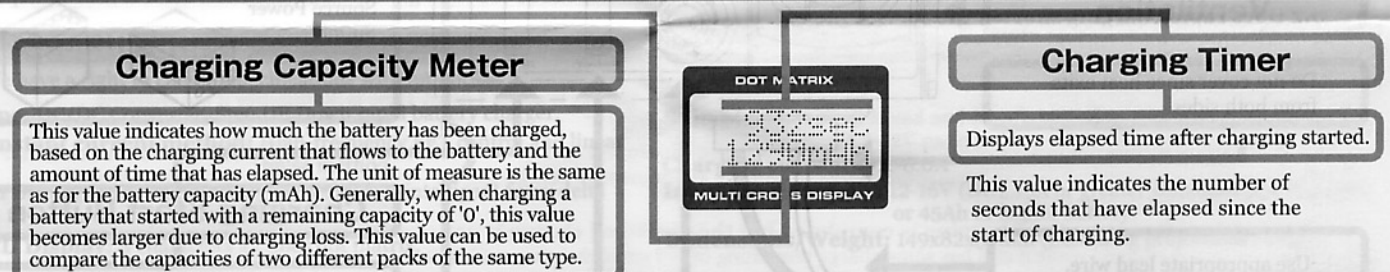
## 6. Explanation of LCD Screens



### Battery Voltage/Charging Current Screen



### Charging Timer/Charging Capacity Meter Display



### Battery Peak Voltage Screen

This screen first appears 100 seconds after charging has started.



During charging, the highest battery pin voltage detected up to that point is displayed. After charging is completed to the delta peak, the auto cutoff junction will be activated and displayed. These values are reset the next time charging is started.

\*The peak voltage value becomes high in the following circumstances. Use these as guidance regarding battery deterioration and internal resistance.

1. When the charging current is high compared with other packs of the same type.
2. When the battery's internal resistance is high.
3. When the battery is charged once and is then charged again without being used in the meantime.
4. As the battery deteriorates (while the charging current remains the same)

## 7. Start Charging

1 Connect the charger's red alligator clip red (+) to the positive power supply terminal, and the black alligator clip (-) to the negative power supply terminal. Make certain that the connection are not reversed. Some sparking when the connections are made is normal.

2 Select charge mode for Nicad or Ni-Mh by pressing both Start Button and Select Button simultaneously. The LCD display on upper left shows MH as Ni-Mh mode and cd as Nicad mode. Please read next section for detail of charging Ni-Mh battery before start charging.

3 Connect the red solder-plated lead of the battery charging connector to the positive (+) output terminal and the black solder-plated lead to the negative (-) terminal. Make certain that the connections are not reversed.

4 Turn the charging current adjustment control knob all of the way to the left, and then connect the battery to the charging connector. Some sparking when the connections are made is normal. Two or more battery packs cannot be connected.

5 Press and hold Start Button until the 'H' indicates, the charging monitor lamp changes from green to red and charging starts.

6 Slowly turn the charging current adjustment knob to set the proper charging current. The charging timer will disappear after 100 seconds from start. The charging may stop if you turn the charging current adjustment knob after the indication of cancel timer ('#' on LCD) has disappeared.

7 While charging is in progress the Select Button can be used to change the display screens.

8 When charging is completed, the buzzer sounds. After charging is completed, disconnect the battery from the charger. Do not leave the fully charged battery connected to the charger.

**Warning** There is a possibility of leakage, explosion and fire when charge mode is not selected correctly.