

## Battery Replacement

Replacement batteries are available from Hakko Electronics.

Name	Model	Contents
Battery for replacement	V7-BT	<ul style="list-style-type: none"> <li>Coin-type lithium primary cell 1 pce.</li> <li>Cautions sticker 1 pce.</li> </ul>

### Safety Instructions on Handling the Battery

Lithium batteries contain combustible material such as lithium or organic solvent. Mishandling may cause heat, explosion or ignition resulting in fire or injury. To prevent accidents, pay attention to the following cautions when handling the lithium battery.



#### CAUTION

- Be sure to discharge static electricity from your body before battery replacement.
- Use the battery "V7-BT" (replacement battery) for replacement.
- Rough handling of the battery may cause a fire or chemical burn hazard.
- Do not disassemble, incinerate or heat the battery.
- Observe local and governmental regulations when disposing of waste batteries.
- Keep batteries out of reach of children. (If swallowed, immediately consult a doctor.)
- Never re-charge the battery.
- When the battery leaks or smells, the leaking battery electrolyte may catch fire. Keep from heat or flame.

### SRAM Area Backup Procedure

Replace the battery "V7-BT" within three minutes after the unit is turned off.

If it is not possible to replace within three minutes, use the V-SFT-5 editor or a CF card and make a backup copy of data in the SRAM.

#### When Using the V-SFT-5 Editor:

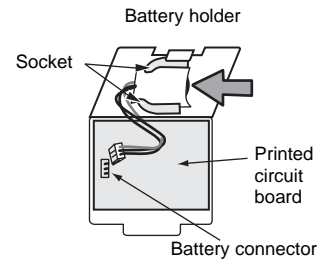
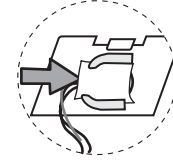
- 1) Connecting a cable  
Connect the V8 unit and the computer using the transfer cable ("V-CP", USB cable, Ethernet cable)
  - 2) Starting the V-SFT-5 editor  
Start the V-SFT-5 editor on the computer.
  - 3) Displaying the [Transfer] dialog  
Click the [Transfer] icon. The [Transfer] dialog is displayed.
  - 4) Selecting data to be transferred  
Select [Display] for [Transfer Device], and [SRAM Data] for [Transfer Data].  
Do not check [Use Simulator].
  - 5) Starting SRAM data transfer  
Click the [PC <-] button under [Transfer]. Data transfer from the SRAM is started.
  - 6) Saving the SRAM data  
When the SRAM data has been transferred, the [Save As] dialog is displayed on the computer. Save the data as a backup copy. The extension is "\*.RAM".
- \* To transfer the "\*.RAM" data saved as a backup to the V8, click the [PC ->] button under [Transfer] in step 5).

#### When Using a CF Card:

For the backup procedure with a CF card, refer to "Saving Backup Copies of SRAM" (page 5-24).

## Battery Replacement Procedure

1. Turning the power of the V8 unit off  
Turn the power of the V8 unit off, and open the battery holder. The battery in the socket will come into view.
2. Battery removal  
Unplug the battery connector. Slide the battery toward the direction shown in the figure on the right, and remove the battery from the socket.
3. New battery installation  
Fit the battery into the socket in such a manner that the red cable side of the new battery faces the board and the cable is on the left of the battery. Before fitting the battery into the socket, slide it toward the direction shown in the figure on the right.
4. Battery connector plug-in  
Plug in the battery connector and close the battery holder cover.
5. Entering an expiry date of the battery  
Remove the existing caution sticker. Enter a date five years from now for "Battery replacement" as an expiry date on the new caution sticker, and attach it to the battery holder.
6. Turning the power of the V8 unit on  
Turn the power of the V8 unit on and check that the battery is correctly set on the Main Menu screen.
7. Backup data transfer  
If the backup data "\*.RAM" has been made, transfer it to the V8 series.



## Notes on Battery: EU Directive 2006/66/EC

According to the EU directive 2006/66/EC effective in EU countries, the battery supplied with the V8 series as well as the package box of the V8 series have the marking shown below:



### CAUTION

- The marking shown above is effective only in EU countries.
- The details on the marking is designated in Article 20 "Information for end-users" and ANNEX II in the EU directive 2006/66/EC.
- The marking indicates that the battery should be disposed of separately from general household waste.
- If element symbols are indicated below the marking, it means that the battery contains the specified heavy metal at a concentration exceeding the control value. The control values of concentration are given below.  
Hg: mercury (0.0005 %), Cd: cadmium (0.002 %), Pb: lead (0.004 %)
- The EU has determined the separating program for used batteries.  
Dispose of used battery properly at your local waste-disposal/recycling center.