GT10-50FMB memory board

User’s Manual

Effective April 2015

Specifications are subject to change without notice.
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1. Safety Precautions

Read these precautions before using.

Be sure to read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safety to handle the product correctly.

The precautions given in this manual are concerned with this product.

In this manual, the safety precautions are ranked as WARNING and CAUTION.

WARNING Indicates that incorrect handling may cause hazardous conditions, resulting in death or severe injury.

CAUTION Indicates that incorrect handling may cause hazardous conditions, resulting in medium or slight personal injury or physical damage.

Depending on circumstances, procedures indicated by CAUTION may also be linked to serious results.
In any case, it is important to follow the directions for usage.

2. Specifications

2.1 General Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating ambient temperature</td>
<td>0 to 40°C</td>
</tr>
<tr>
<td>Storage ambient temperature</td>
<td>-20 to 60°C</td>
</tr>
<tr>
<td>Operating/storage ambient humidity</td>
<td>10 to 90% RH, non-condensing</td>
</tr>
<tr>
<td>Operating atmosphere</td>
<td>Must be free of lamp black, corrosive gas, flammable gas, or excessive amount of electro conductive dust particles and must not be exposed to direct sunlight (during operation and storage)</td>
</tr>
</tbody>
</table>

2.2 Power Supply Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input power supply voltage</td>
<td>3.3VDC (+3% -3%) supplied from the GOUT unit</td>
</tr>
</tbody>
</table>

2.3 Performance Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory Type</td>
<td>Flash ROM</td>
</tr>
<tr>
<td>Life (Number of write times)</td>
<td>100,000 times</td>
</tr>
</tbody>
</table>

3. Part Names and External Dimensions

4. Operation Method

4.1 Installation using utility function

Select OS or project data stored in the memory board, and then transfer it to the GOUT using the utility function.

Operation procedure

1) Check whether the protection switch in the memory board is set to ON or OFF.*1
2) When the protection switch in the memory board is set to ON, copy from the GOUT to the FMB is disabled (protected).
3) Make sure to set to OFF the protection switch for executing copy from the GOUT to the FMB.
4) Confirm that the GOUT is powered OFF, and then attach the memory board to the memory board connector on the rear of the GOUT.
5) Power ON the GOUT, and select “GT10-50FMB” on the utility main menu.

Select the correct option:
- GOUT→FMB: Copy from GOUT to the memory board
- FMB→GOUT: Copy from the memory board to the GOUT

After selecting the direction, touch the [OK] button. To abort copy, touch the [ABORT] button.

5) Select the copy target.

- GOUT→FMB: Copies the standard OS, communication driver, project data and font data
- FMB→GOUT: Copies the project data

After selecting the copy target, touch the [OK] button.

To return to the copy direction selection, touch the [CANCEL] button.

6) Data on the GOUT/FMB will be completely copied.

When only the project data was copied to the GOUT, touch the [ESC] button to restart the GOUT and display the user-created screen.

When the standard OS was copied, the GOUT will automatically start up and display the user-created screen.

(f) The project data does not exist, a message appears to notify that the project data does not exist.)

4.2 Installation at power on of GOUT

Operation procedure

1) Power OFF the GOUT, and attach the memory board which stores the standard OS and communication driver to the GOUT.
2) While touching the upper left corner and lower left corner of the GOUT screen, power ON the GOUT.
3) Perform the steps 6) and 7) of Section 4.1.
4) For t-point press: Use this method to transfer all the OS and project data stored in the memory board to the GOUT when the GOUT is powered ON.

1) Power OFF the GOUT, and attach the memory board which stores the standard OS and communication driver to the GOUT.
2) While touching the upper left corner of the GOUT screen, power ON the GOUT.
3) When the [Select mode] window appears, select the [GT10-50FMB].
4) Perform the steps 4) of Section 4.1.

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Warranty

Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi Electric Corporation.

For safe use

This product has been manufactured as a general-purpose product for general industries, and has not been designed or manufactured to be incorporated in a device or system used in purposes related to human life.

Before using the product for special purposes such as nuclear power, electric power, transportation, medicine or passenger movement vehicles, consult with Mitsubishi Electric.

This product has been manufactured under strict quality control. However, whenever using the product where major accidents or losses could occur if the product fails, install appropriate backup or fail-safe functions in the system.