## GT10 General Description

**Remark**: If this product is used, and this manual is not in your possession, make sure to consult the following manuals. When these loose manuals are not present, please consult with our local distributor.

### Important Notes:
- **SAFETY PRECAUTIONS**: Read these precautions before using.

### GT10 Main Specifications

#### GT10 General Description

- **Specifications**
  - Type: Programmable Controller (Open Type Equipment)
  - Rated input power: 9.84W (410mA/24VDC)
  - Frequency Acceleration Half-amplitude Sweep Count: GT1055-QSBD
  - Connector shape: D-sub 9-pin (Male)
  - Dimensions: 100 x 80 x 30 mm
  - Weight: 0.2 kg

### Power Supply Specifications

- **Input Voltage**: 24VDC
- **Output Voltage**: 5VDC
- **Current**: 50mA

### Communication Specifications

- **Communication**: GT Designer3 Version1
- **Communication Port**: 9-pin D-sub connector
- **Communication Speed**: 9600 bps
- **Data Format**: 8 data bits, 1 stop bit, no parity

### Installation and Operation

- **Installation**: Wall or panel mounting
- **Operation**: Direct connection to the PLC

### Accessories

- **USB Cable**
- **Power Supply**
- **Manuals**

### Compliance with EC directive

- **Compliance**: EN 61131-2, EN 61131-3
- **Digital Electronics**: EN 61131-2 and EN 61131-3
- **Fieldbus**: EN 61131-2 and EN 61131-3

### Associated Manuals

- **Manual**: GT Designer3 Version1
- **Software**: GT Designer3
- **Operation Manual**: GT Designer3

### Bundled Items

- **GT1055-QSBD**
- **GT1050-QBBD**

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**Note**: This symbol is for China only.

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**Table**: GT10 Series Product Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>3.7V 1000mAh (Li-ion)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>24VDC 100mA</td>
</tr>
<tr>
<td>Communication Port</td>
<td>9-pin D-sub connector</td>
</tr>
<tr>
<td>Communication Speed</td>
<td>9600 bps</td>
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</tbody>
</table>

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**Note**: This manual confers no industrial property rights or any rights of any other category. Mitsubishi Electric Corporation neither grants any rights in any intellectual property, nor any patent licenses.
**GT10 General Description**

This manual describes the specifications of the product before use, and the installation, troubleshooting, inspection, and operating procedures. The product is designed to provide optimal performance. Please refer to the manual before mounting the product.

**Safety Precautions**

Read these precautions before using the product. This product is a control equipment that is formed by a microcomputer and other circuits. The procedure given in this manual is a correct one for the product's use and installation. Before using the product, you must be sure of your operation. If you feel you need advice or assistance, please contact your nearest Mitsubishi Electric representative. The product is intended for control equipment. Always refer to the product's user's manual before using the product.

**Specifications**

- **Model Name**: GT1050-QBBD
- **Type**: Programmable Controller (Open Type Equipment)
- **Connector shape**: D-sub 9-pin (Male)
- **Transmission speed**: 115,200/57,600/38,400/19,200/9,600/4,800bps
- **Frequency Acceleration Half-amplitude Sweep Count**: 5 to 9Hz -- 3.5mm
- **Connector shape**: D-sub 9-pin (Male)
- **Transmission speed**: 115,200/57,600/38,400/19,200/9,600/4,800bps
- **Frequency Acceleration Half-amplitude Sweep Count**: 5 to 9Hz -- 3.5mm

**PRECAUTIONS**

- **WARNING**: Before using the product, be sure to read the instructions and operating procedures carefully. The product may be damaged if you do not follow these instructions. Do not use the product if the大自然 stores. If you feel you need advice or assistance, please contact your nearest Mitsubishi Electric representative.

**GT10 User's Manual**

- **Manual name**: GT10 User's Manual
- **Manual number**: GT1000 Series Connection Manual
- **Model Name**: GT1050-QBBD
- **Bundled Items**: Panel Mounting Bracket (with M4 fastener)

**Bundled Items**

- **Assembly Manual**
- **Installation Guide**
- **Wiring Diagram**
- **User's Manual**

**Associated Manuals**

- **Connection Manual**: GT1000 Series Connection Manual
- **Installation Guide**: GT1050-QBBD
- **Wiring Diagram**: GT1050-QBBD

**Battery**

- **Type**: Li-ion battery
- **Capacity**: 3.7V, 1000mAh

**Power Supply**

- **Voltage**: 24V DC
- **Rated power input**: 10W

**Display**

- **Character size**: 7.0mm (1/4"")
- **Contrast enhancement**: 100:1

**Communication**

- **Communication interface**: RS-422/485
- **Connector shape**: D-sub 9-pin (Female)

**Environment**

- **Operating environment**: Temperature: 0 to 50°C, Humidity: 20 to 90% (no condensation)
- **Pollution degree**: 2

**Other**

- **Weight**: 1.2kg
- **Size**: 240 x 140 x 20mm

**PRECAUTIONS**

- **WARNING**: Before using the product, be sure to read the instructions and operating procedures carefully. The product may be damaged if you do not follow these instructions. Do not use the product if the 大自然 stores. If you feel you need advice or assistance, please contact your nearest Mitsubishi Electric representative.
GT1050-QBBD

GT10 General Description

This manual describes the specifications of the product before use, and the installation and operating the product. Be sure to read this manual at the start of the product, and operate the product in accordance with the contents of this manual.

Safety Precaution

1. Design Precautions

- On an engineer's test circuit, be sure to check the actual apparatus in the condition.
- The software included in this product is a standard software to be used in an environment where the software should be set up according to the user's specifications. The software included in this product is not enhanced, altered or expanded.
- Do not limit the software in use, and keep it as a backup.
- Do not limit the software in use, and keep it as a backup.
- The software in use should be stored in a backup environment where it is not affected by the software included in this product.
- Before using the software, make sure that all the necessary precautions are taken.

2. General Precautions

- This product is designed for use in industrial applications.
- Do not use this product in environments where high temperatures may be present.
- Do not use this product in environments where high temperatures may be present.

3. USER'S PRECAUTIONS

- When using this product, do not exceed the rated output power of the product.
- When using this product, do not exceed the rated output power of the product.

4. Touch Panel Precautions

- Do not use an object other than your hand to press the touch panel.
- Do not use an object other than your hand to press the touch panel.

5. Compliance with EC directive

- The product complies with the following standards.
- The product complies with the following standards.

6. Note

- This product is only for China.
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