

GT2507T-WTSD

Thank you for choosing Mitsubishi Electric Graphic Operation Terminal (GOT).

Prior to use, please read both this manual and the detailed manual thoroughly to fully understand the product.

MODEL GT25T-W-U-GD-E, Model code 1D7MT9, IB(NA)-0800611ENG-E(2008)MEE

SAFETY PRECAUTIONS

(Always read these precautions before using this equipment.)

Before using this product, please 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.

Note that the CAUTION level may lead to a serious accident according to the circumstances. Always follow the instructions of both levels because they are important to personal safety.

Please save this manual to make it accessible when required and always forward it to the end user.

DESIGN PRECAUTIONS

WARNING

- Some failures of the GOT, communication unit or cable may keep the outputs on or off. Some failures of a touch panel may cause malfunction of the input objects such as a touch switch. An external monitoring circuit should be provided to check for output signals which may lead to a serious accident. Not doing so can cause an accident due to false output or malfunction.

WARNING

- Products with the CL1, DIV2 mark on the rating plate are suitable for use in Class I, Division 2, Groups A, B, C and D hazardous locations, or non-hazardous locations only. This mark indicates that the product is certified for use in the Class I, Division2 environment where flammable gases, vapors, or liquids are not likely to exist under normal conditions.

CAUTION

- Do not bundle the control and communication cables with main-circuit, power or other wiring. Run the above cables separately from such wiring and keep them a minimum of 100mm apart. Not doing so may cause a malfunction.

WARNING

- Be sure to shut off all phases of the external power supply used by the system before mounting or removing the GOT main unit from the panel. Not doing so can cause the unit to fail or malfunction.

CAUTION

- Use the GOT in the environment that satisfies the general specifications described in this manual. Not doing so can cause an electric shock, fire, malfunction or product damage or deterioration.

WARNING

- Be sure to shut off all phases of the external power supply used by the system before wiring. Failure to do so may result in an electric shock, product damage or malfunctions.

CAUTION

- Make sure to ground the FG terminal of the GOT power supply section solely for the GOT (ground resistance: 100 Ω or less, ground cable diameter: 1.6 mm or more). Not doing so may cause an electric shock or malfunction.

CAUTION

- Exercise care to avoid foreign matter such as chips and wire offcuts entering the GOT. Not doing so can cause a fire, failure or malfunction.

TEST OPERATION PRECAUTIONS

WARNING

- Before testing the operation of a user-created monitor screen (such as turning on or off a bit device, changing the current value of a word device, changing the set value or current value of a timer or counter, and changing the current value of a buffer memory), thoroughly read the manual to fully understand the operating procedures.

STARTUP/MAINTENANCE PRECAUTIONS

WARNING

- When power is on, do not touch the terminals. Doing so can cause an electric shock. Correctly connect the battery connector. Do not charge, disassemble, heat, short-circuit, solder, or throw the battery into the fire.

CAUTION

- Do not disassemble or modify the unit. Doing so can cause a failure, malfunction, injury or fire. Do not touch the conductive and electronic parts of the unit directly.

TOUCH PANEL PRECAUTIONS

CAUTION

- For the analog-resistive film type touch panels, normally the adjustment is not required. However, the difference between a touched position and the object position may occur as the period of use elapses.

PRECAUTIONS WHEN THE DATA STORAGE IS IN USE

WARNING

- If the SD card is removed from drive A of the GOT while being accessed by the GOT, the GOT may stop processing data for about 20 seconds.

CAUTION

- If the data storage is removed from the GOT while being accessed by the GOT, the data storage and files may be damaged. Before removing the data storage from the GOT, check the SD card access LED, system signal, or others to make sure that the data storage is not accessed.

PRECAUTIONS FOR USE

CAUTION

- Do not touch the outer edge of the actual display area repeatedly. Doing so may result in a failure. Do not turn off the GOT while data is being written to the storage memory (ROM) or SD card.

PRECAUTIONS FOR REMOTE CONTROL

WARNING

- Remote control is available through a network by using GOT functions, including the SoftGOT-GOT link function, the remote personal computer operation function, the VNC server function, and the GOT Mobile function.

PRECAUTIONS FOR EXCLUSIVE AUTHORIZATION CONTROL

WARNING

- Make sure to fully understand the GOT network interaction function before using this function to control the authorization among pieces of equipment to prevent simultaneous operations.

DISPOSAL PRECAUTIONS

CAUTION

- When disposing of this product, treat it as industrial waste. When disposing of batteries, separate them from other wastes according to the local regulations.

TRANSPORTATION PRECAUTIONS

CAUTION

- When transporting lithium batteries, make sure to treat them based on the transport regulations. (Refer to the GOT2000 Series User's Manual (Hardware) for details of the regulated models.)

Manuals

Table with columns: Manual name, Manual number (Model code). Includes GOT2000 Series User's Manual (Hardware) and (Utility).

For detailed manuals and relevant manuals, refer to the e-Manual or PDF manuals stored in the DVD-ROM for the screen design software used.

The latest manuals are also available from MITSUBISHI ELECTRIC FA Global Website (www.MitsubishiElectric.com/fa).

Compliance with the new China RoHS directive

GOT 相关的基于 " 电器电子产品有害物质限制使用管理办法 " 要求的表示方法

Note: This symbol mark is for China only.

含有有害6物质的名称、含有量、含有部件: 本产品中所含有的有害6物质的名称、含有量、含有部件如下所示。

Table with columns: 部件名称, 有害物质, 铅(Pb), 汞(Hg), 镉(Cd), 六价铬(Cr(VI)), 多溴联苯(PBB), 多溴二苯醚(PBDE).

本表格依据 SJ/T11364 的规定编制。 O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T26572 规定的限量要求以下。

Referenced Standard: GB/T15969.2 (Requirement of Chinese standardized law)

Before using the GOT

Connect the connector of the GOT to the connector of the battery. Refer to the GOT2000 Series User's Manual (Hardware) for the connection instructions.

For details on the GOT specifications, installing instructions, wiring, maintenance and inspection, or checking procedure for the version and the compatible standard, refer to the GOT2000 Series User's Manual (Hardware).

Packing List

The GOT product package includes the following:

Table with columns: Description, Quantity. Lists Rugged GT25 model, Battery (GT11-50BAT), etc.

1. FEATURES

- Abundant standard equipment: Variety of connection with FA devices, SD card interface compatible with the SDHC card having a large capacity and allowing high-speed communication.

2. PARTS NAMES AND SETTINGS

The following shows the parts names of GT2507T-W.

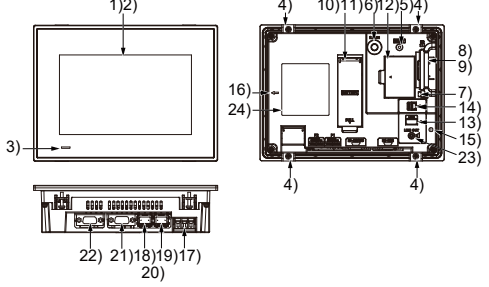


Table with columns: No., Name, Description. Lists components like Display section, Touch panel, POWER LED, etc.

3. SPECIFICATIONS

3.1 General Specifications

Table with columns: Item, Specifications. Includes Operating ambient temperature, Storage ambient temperature, Humidity, Vibration resistance, Shock resistance, etc.

- 1: Includes the temperature inside the enclosure of the control panel on which the GOT is installed. 2: Do not use or store the GOT under a pressure higher than the atmospheric pressure at altitude 0 m.

Refer to the GOT2000 Series User's Manual (Hardware) for details on the performance specifications of each GOT.

3.2 Power Supply Specifications

The following shows the power supply specifications of the rugged GT25 model.

Table with columns: Item, Specifications. Lists Power supply voltage, Power consumption, Inrush current, etc.

3.3 External Dimensions

