SAFETY PRECAUTIONS

- Always read these precautions before using this equipment.

Before using this product, please read this manual and the relevant manuals contained in this manual and pay full attention to safety icons disposed in this product.

The precautions given in this manual are concerned with this product only. This manual, the safety precautions are ranked as “DANGER” and “CAUTION.”

DANGER

Indicates that incorrect handling may cause severe injury.

CAUTION

Indicates that incorrect handling may cause minor injury or property damage.

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

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

SAFETY PRECAUTIONS

- Do not touch the control wires or communication cables with the main circuit or power supply, or place them too close to each other. The cables may generate heat, separate them at the distance of at least 150 mm (6 inch).

INSTALLATION PRECAUTIONS

- Be sure to install the unit in the environment given in the general specifications of the GT16 User’s Manual. Failure to do so may result in an electric shock, product damage or malfunction.

- Do not operate the unit with a plug in the socket that is矿业 allowed to be inserted.

- Do not operate the unit in an environment where there is strong magnetic field or static electricity.

- Do not use the unit in an environment where there is a high level of humidity or dust.

- Do not use the unit in an environment where there is strong mechanical vibration or shock.

- Do not use the unit in an environment where there is high temperature or high pressure.

- Do not use the unit in an environment where there is a high level of electromagnetic interference.

DANGER

- Be sure to shut off all phases of the external power supply used to power the equipment in the event of abnormalities or malfunctions of the unit. Do not attempt to remove the plug from the power outlet until the power cord has been disconnected.

- Be sure to disconnect the external power supply from the unit when not using it.

- Do not attempt to use the unit in an environment where there is strong magnetic field or static electricity.

CAUTION

- Use this unit in the environment given in the general specifications of the GT16 User’s Manual. Failure to do so may result in an electric shock, product damage or malfunction.

- Do not use the unit in an environment where there is a high level of humidity or dust.

- Do not use the unit in an environment where there is strong mechanical vibration or shock.

- Do not use the unit in an environment where there is high temperature or high pressure.

- Do not use the unit in an environment where there is a high level of electromagnetic interference.

STARTUP AND MAINTENANCE PRECAUTIONS

- Before starting the unit, always make sure that the GOT power externally in all phases. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before cleaning, servicing, moving, or reattaching the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before replacing the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before connecting or disconnecting the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before touching the connector or the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before disassembling or assembling the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before inserting or removing the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before moving or transporting the unit. Not doing so can cause a unit failure or malfunction.

- Be sure to turn off the GOT before installing or uninstalling the unit. Not doing so can cause a unit failure or malfunction.

4. INSTALLATION PROCEDURE

1) Turn off the GOT.

2) Remove two extension unit covers of the GOT.

3) Connect the extension interface relay board to the extend interface relay board side on the GOT.

4) Remove the connector cover from the board.

5) For the video input unit or in the GOT case.

6) Tighten the four mounting screws with a torque of 0.38 to 0.40Nm to fix the unit.

7) Tighten two board fixing screws with a torque of 0.36 to 0.48 N•m to fix the unit.

4. INSTALLATION PROCEDURE

1. OVERVIEW

This User's Manual describes the following units. When mounting the following units with the GT16M-V4, the GOT can display images taken by up to four camcorders.

- For the GT16M-V4 video input unit (hereinafter referred to as the video input unit), the GOT can display video images taken by up to four camcorders.

- For the GT16M-V4R1 RGB input unit (hereinafter referred to as the RGB input unit), the GOT can display only one RGB screen by switching among up to two video input channels.

For the video input with the above units, the GOT can be used as a video sensor monitor. For the RGB input unit with the above units, the units can be used as the RGB output type vision sensor.

The following lists the units used in the GT16 User's Manual, as they are precision devices.

Failure to do so may result in a failure or malfunctions of the unit.

Warranty

Mitsubishi will not be held liable for damage caused by facts found in the manual. Mitsubishi will not be held liable for any losses caused by the use of Mitsubishi products, damage, secondary damages caused by the use of Mitsubishi products, compensation caused by special factors unpredictable by Mitsubishi, damages to products other than Mitsubishi products, and to other damages.

For safe use

This unit is a precision manufactured as a general-purpose part for general industrial use, and has not been designed or manufactured to be used under conditions subject to usage related to passenger vehicles or aircrafts.

Before using the product for special purposes such as nuclear power, power electric power, automation or control systems, marine or aircraft propulsion, communication, and industrial machinery, consult Mitsubishi.

This product has been manufactured under strict quality control. However, when installing the product where major accidents or losses could occur if the product malfunctions, install appropriate backup or fail-safe systems in the system.