

# MITSUBISHI

## Model A9GT-80LTT

### Back Light

#### Mitsubishi Graphic Operation Terminal

## User's Manual

Thank you for purchasing the Mitsubishi Graphics Operation Terminal MELSEC-GOT Series.

**To ensure correct use of this equipment, please carefully read this manual prior to use.**



Type	A9GT-80LTT-U
Type Code	1DM120
IB(NA)- 80027-B(0406)MEE	

Mitsubishi Graphics Operation Terminal

#### Manuals

The following manuals are relevant to this product

Detailed Manual	
Manual Name	Manual Number (Type Code)
A985GOT/A975GOT/A970GOT/A960GOT User's Manual(Available as option)	SH-4005 (1DM099)

#### Relevant Manual

For relevant manual, refer to the PDF manual stored within the drawing software.

#### ● SAFETY PRECAUTIONS ●

(Read these precautions prior to use.)

When using Mitsubishi equipment, thoroughly read this manual and the associated manuals that are introduced in this manual. Also, pay careful attention to safety and handle the module properly.

These precautions apply only to Mitsubishi equipment. Please refer to the relevant user's manuals for safety precautions pertaining to Mitsubishi programmable controller systems and GOT900 Series Graphics Operation Terminal (abbreviated as GOT, hereafter).

The SAFETY PRECAUTIONS in this manual are classified into two categories: DANGER and CAUTION.

**⚠ DANGER** : Procedures which may lead to a dangerous condition and cause death or serious personal injury if not observed as directed.

**⚠ CAUTION** : Procedures which may lead to a dangerous condition and cause minor to medium personal injury or damage only to property, if not observed as directed.

Depending on circumstances, procedures indicated with **⚠ CAUTION** could also lead to serious results.

In any case, it is important to strictly observe the directions indicated with the above signs.

Keep this manual in a place which allows you to easily reach it whenever necessary. Please make sure that the end user of this equipment be provided with this manual.

#### [HANDING PRECAUTIONS]

#### ⚠ DANGER

- Before changing the backlight, always switch off the GOT power externally in all phases (when the GOT is connected to the bus, the PLC CPU power must also be switched off externally in all phases) and remove the GOT main unit from the enclosure. Not switching the power off in all phases may cause an electric shock. Not removing the unit from the enclosure can cause injury due to a drop.

#### ⚠ CAUTION

- While changing the backlight, do not touch the circuit boards and electronic parts of the GOT. Doing so can cause a failure or malfunction.
- When changing the backlight, always note the following.
  - Wear gloves or fingerstalls before starting the replacement of the backlight. Not doing so can cause injury.
  - Start changing the backlight more than 5 minutes after switching the GOT power off. Not doing so can cause a burn due to the heat of the backlight.

#### [DISPOSAL PRECAUTIONS]

#### ⚠ CAUTION

- When disposing, treat this product as industrial waste.

## 1. INTRODUCTION

This user's explains the A9GT-80LTT (Referred to as Backlight, hereafter).

This backlight is a replacement backlight for the A985GOT type graphic operation terminal (hereinafter, GOT).

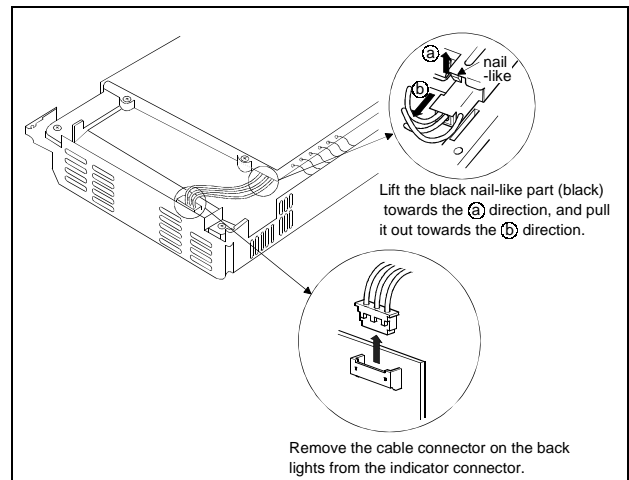
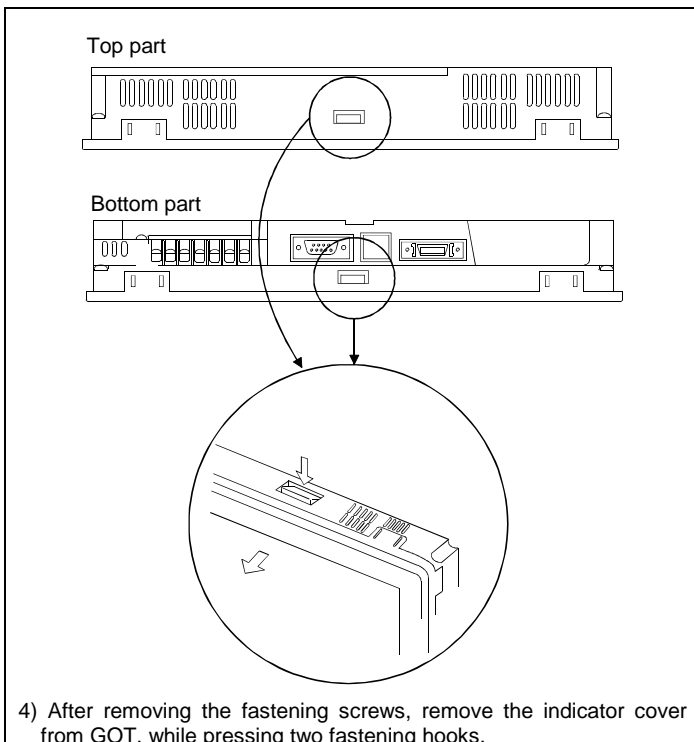
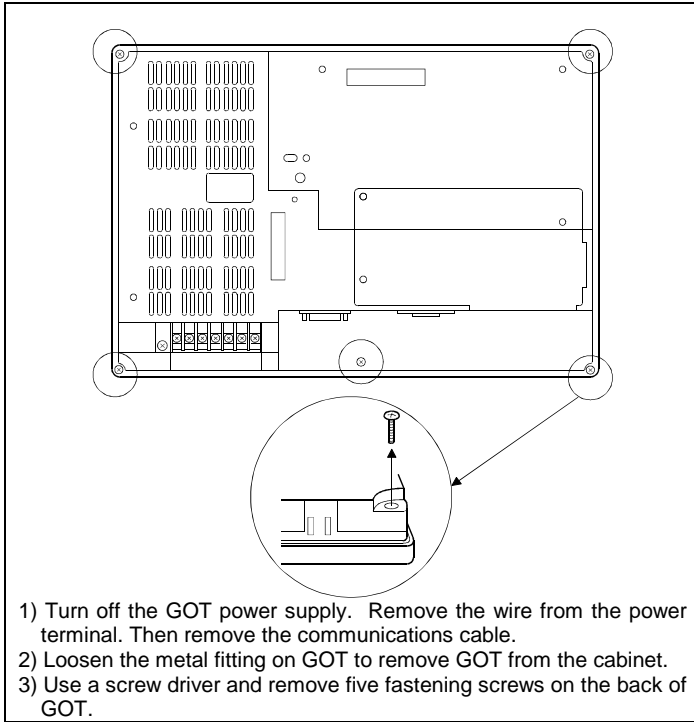
## 2. PREFORMANCE

The table below lists the performance specifications of the back lights.

Item	Specifications
Applicable models	A985GOT-TBA, A985GOT-TBD
Kind	Cold cathode tube back light
Life [Hr]	40,000

## 3. HOW TO CHANGE THE BACKLIGHT FOR LIQUID CRYSTAL

In GOT, back lights are incorporated for the indicator LCD. These back lights lose the luminance as they are used. Replace the back lights if the luminance lowers further than that affects the performance of the indicator screen.



- 5) Show the front face of GOT, and remove the cable connector that is fitted to the upper one of the back lights from the indicator connector.
- 6) Pull out the upper one of the back lights from the indicator.
- 7) To install new back lights, follow the procedure opposite to that of removing. Similarly, follow the opposite procedure for installing the indicator. Make sure to securely install the indicator and apply a torque within the specified range to the fastening screws for GOT.  
 36 to 48N•cm (3.7 to 4.9kgf•cm)(3.2 to 4.2lb•inch)

### [DISPOSAL PRECAUTIONS]

#### CAUTION

- When disposing, treat this product as industrial waste.

### Warranty

Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi; machine damage or lost profits caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors unpredictable by Mitsubishi; damages to products other than Mitsubishi products; and to other duties.

#### For safe use

- This product has been manufactured as a general-purpose part 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, aerospace, medicine or passenger movement vehicles, consult with 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 fails, install appropriate backup or failsafe functions in the system.

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