3. BACKLIGHT REPLACEMENT

3.1 Preparing for Replacement

The GOT includes the backlight for the touch crystal display panel.

- The backlight intensity decreases with time.
- The brightness decreases two times in 50,000 hours.
- The brightness decreases five times in 100,000 hours.
- Warranty: 2 years from the date of shipment. 

3.2 Replacing Backlight

(1) GT16-80SLTT/GT16-70SLTT/GT16-70VLTT

1) Remove the cable connector of the backlight from the connector of the GOT board.

(Expanded figure of part A in 3.1.4)

2) Press the backlight fixing latch (black) toward the direction of the following arrow with the screwdriver or other, and pull out the backlight to the left. Pull out the backlight so that the backlight does not hit the packing.

(When replacing GT16-70SLTT/GT16-70VLTT)

3) Install a new backlight in the reverse procedure of removal.
When inserting a new backlight into the backlight replacement hole of the GOT, make sure not to damage the sheath of the cable.
Insert the backlight until it is fixed by the latch (black).
Assemble the case in the reverse procedure of disassembly.
(Tighten the fixing screw on the GOT rear face with a torque of 0.36 to 0.48 N•m).
When installing the case, make sure that the cables are not stuck between the case and the GOT.

4) Remove eight fixing screws on the GOT rear face with a screwdriver.

When replacing the GT16-80SLTT/GT16-70SLTT/GT16-70VLTT, remove the cables from the cable holder.

(When replacing GT16-70SLTT/GT16-70VLTT)

5) Connect the power supply cable and the communication cable.Remove the GOT from the control panel.

Packaging List

- GT16-80SLTT
- GT16-70SLTT
- GT16-70VLTT
- GT16-70VLVT
- Backlight: 1

1. OVERVIEW

This User’s Manual describes GT16 backlight for 12.1”/10.4”-GOT (hereafter referred to as the backlight).
For applicable GOTs, refer to GT16 User’s Manual.

Product Model Description GOT

GT16-50VLTN For 7.0” TFT (VGA)
GT16-70VLTN For 10.4” TFT (VGA)
GT16-75VLTN For 10.4” TFT (VGA)
GT16-70VLTT For 10.4” TFT (VGA)
GT16-80VLTT For 14.1” TFT (VGA)

2. SPECIFICATIONS

The following shows the performance specifications of the backlight.
The general specifications of the backlight are the same as those of the GOT.

For the general specifications of the GOT, refer to GT16 User’s Manual.

- CAUTION
- DANGER

[BACKLIGHT REPLACEMENT PRECAUTIONS]

- Make sure to use an extreme amount of oil when applying power supply (When GOT is controlled as a backup connection, make sure to stop all phases of PCC-DCP power supply as well) and remove the GOT from the control panel before backlight replacement.
- If all phases are not shut off, it may cause an electric shock. If backlight is replaced with the GOT in the control panel, the GOT may stop off, resulting in injuries.

- Make sure to wear gloves during backlight replacement.
- Make sure to check the backlight replacement 5 or more minutes after power off of the GOT.
- Failure to do so may cause burn injuries as the old backlight holds heat for a while.

[STARTUP AND MAINTENANCE PRECAUTIONS]

- Before handling the GOT, make sure to touch a grounded metal object to discharge the static electricity from the human body.
- Failure to do so may cause the GOT to fail or malfunction.

[TRANSPORTATION PRECAUTIONS]

- Do not drop the product as it is industrial waste.

[DISPOSAL PRECAUTIONS]

- Make sure to transport the GOT main unit and other related units in the manner they will not be exposed to the impact exceeding the impact resistance described in the general specifications of the GT16 User’s Manual, as they are precision devices.
- Failure to do so may cause the unit to fail.
- Check if the unit operates correctly after transportation.

[CAUTION]

- CAUTION
- DANGER

Note that the DANGER level may lead to a serious accident according to the circumstances. Always follow the precautions of both levels even if they are important to personal safety. Please read this manual to make it accessible when required and always forward it to the end user.

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