GT16-90XLT Backlight
User’s Manual

Thank you for purchasing the GOT series.

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

[SAFETY PRECAUTIONS]

(Always read these precautions before using the equipment.)

WARNING

This manual contains important information about product handling and use. Failure to follow these precautions may cause serious injury, death or damage.

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

Please refer to the product manual to make it accessible when required and always forward it to the end user.

---

[BACKLIGHT REPLACEMENT PRECAUTIONS]

WARNING

- Make sure to avoid extreme heat or cold. When replacing the backlight, make sure to remove the power supply as well as the backlight from the GOT's control panel before backlight replacement.
- If the backlight is not replaced, it may cause an electric shock.
- If backlight replacement is not properly done, it may cause the LCD to be damaged.

CAUTION

- Make sure to remove the backlight by tugging toward the center of the GOT. Failure to do so may cause injuries.
- Make sure to start the backlight replacement 5 or more minutes after power off of the GOT. Failure to do so may cause burns or injuries as the old backlight holds heat for a while.

[STARTUP AND MAINTENANCE PRECAUTIONS]

CAUTION

- Before returning 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 use to fail or malfunction.

DISPOSAL PRECAUTIONS

CAUTION

- Dispose of this product as industrial waste.

[TRANSPORTATION PRECAUTIONS]

CAUTION

- Make sure to transport the GOT main unit and/or relevant unit(s) included. If not properly transported, it may cause injuries as hazardous conditions, resulting in death or injury.

---

1. OVERVIEW

This User’s Manual describes GT16-90XLT backlight (hereafter referred to as the backlight).

For applicable GOTs, refer to GT16 User’s Manual.

- GT16-90XLT Backlight
- GT16-90XLTM-A (High intensity and wide angle view)
- GT1695MX

2. SPECIFICATIONS

The following shows the performance specifications of the backlight.

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

- General specifications of the backlight are the same as those of the GOT.

---

3. BACKLIGHT REPLACEMENT

The GOT includes the backlight for the liquid crystal display panel. The backlight intensity decreases with time. Replace the backlight when the display section becomes dark due to the decreased intensity and the picture is unclear.

The following shows the procedures for replacing the backlight.

1) Turn off the GOT.
2) Disconnect the power supply cable and the communication cables.
3) Remove the GOT from the control panel.
4) Remove eight fixing screws on the GOT rear face with a screwdriver.
5) The model and the production year and month are printed on the back of a backlight. H01 or H02 is printed after the model.
6) Remove the cable connectors of the upper backlight (H01) and connect the cable connectors of the lower backlight (H02) from the GOT's back side.
7) Pull out the upper backlight from the backlight replacement hole on the upper part of the GOT. Pull out the lower backlight (H02) from the backlight replacement hole on the lower part of the GOT.
8) Remove the cable connectors of the lower backlight (H02) and the cable connectors of the lower backlight (H02) from the GOT's back side.
9) Pull out the backlight from the backlight replacement hole on the rear face of the GOT. After pulling out the backlight, check if the unit operates correctly after transportation.

For applicable GOTs, refer to GT16 User’s Manual.

The following shows the performance specifications of the backlight.

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

3. BACKLIGHT REPLACEMENT

The GOT includes the backlight for the liquid crystal display panel. The backlight intensity decreases with time. Replace the backlight when the display section becomes dark due to the decreased intensity and the picture is unclear.

The following shows the procedures for replacing the backlight.

1) Turn off the GOT.
2) Disconnect the power supply cable and the communication cables.
3) Remove the GOT from the control panel.
4) Remove eight fixing screws on the GOT rear face with a screwdriver.
5) The model and the production year and month are printed on the back of a backlight. H01 or H02 is printed after the model.
6) Remove the cable connectors of the upper backlight (H01) and connect the cable connectors of the lower backlight (H02) from the GOT's back side.
7) Pull out the upper backlight from the backlight replacement hole on the upper part of the GOT. Pull out the lower backlight (H02) from the backlight replacement hole on the lower part of the GOT.
8) Remove the cable connectors of the lower backlight (H02) and the cable connectors of the lower backlight (H02) from the GOT's back side.
9) Pull out the backlight from the backlight replacement hole on the rear face of the GOT. After pulling out the backlight, check if the unit operates correctly after transportation.

For applicable GOTs, refer to GT16 User’s Manual.

The following shows the performance specifications of the backlight.

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