

Magelis XBT ZG47  
Backlight Replacement Kit  
Quick Reference Guide

---

Thank you for purchasing the XBT ZG47 replacement backlight for XBT GT7000 series.

Be sure to read the following Backlight Replacement Instruction bulletin prior to replacing your XBT GT's backlight.

 **DANGER**

**ELECTRIC SHOCK HAZARD**

- Do not disassemble XBT GT except to replace backlight.
- Disconnect all power before servicing backlight.

**Failure to follow these instructions will result in death, serious injury, or equipment damage.**

 **DANGER**

**ELECTRIC SHOCK OR FIRE HAZARD.**

- When replacing the backlight cover or the XBT GT cover, do not pinch or cut any wires with the backlight cover or the XBT GT cover during reassembly.
- If any of the attachment screws become misplaced, check to be sure that they have not fallen inside the XBT GT. If a screw has fallen inside the XBT GT, do not connect the unit's power cord until it has been removed.

**Failure to follow these instructions will result in death, serious injury, or equipment damage.**

---

## **WARNING**

### **HOT AND FRAGILE EQUIPMENT**

- When the XBT GT's power cord has just been disconnected, the backlight area is still very hot! We recommend waiting until the unit has cooled off (about 10 minutes).
- The backlight is very fragile. Do not touch the glass tube directly or try to remove its power cord. If the glass tube breaks you may be injured.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

### **Important:**

- Do not allow water, oil or fingerprints to remain on the tube, since they can all reduce the backlight's life.
- Be careful that no dust or dirt adheres to the backlight surface or the backlight holder.
- Disconnect any equipment attached to the XBT GT.
- Be sure to perform the backlight replacement on a flat, level surface with the XBT GT display protected and facing down.
- After changing the backlight, be sure to check that your XBT GT display operates correctly. If a problem occurs, contact your local Schneider Electric distributor.

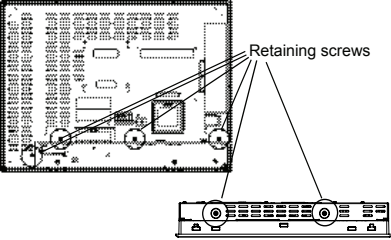
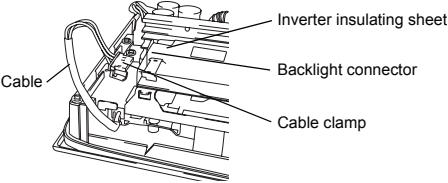
### **Items Required When Changing The XBT GT's Backlight:**

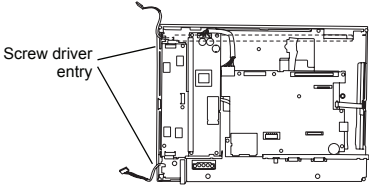
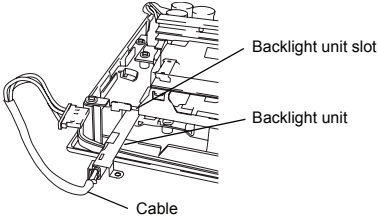
- Phillips screwdriver (no. 2) for XBT GT's rear cover attachment screws.
- Phillips screwdriver (no. 0) for backlight unit's metal cover.

**Note:** Use proper Electro-Static Discharge (ESD) procedures when servicing the XBT GT.

## Backlight XBT ZG47 Replacement for XBT GT7000 series

Use the following steps to change the backlight:

Step	Description
1	<p>Turn the XBT GT's power OFF (i.e. disconnect the XBT GT's power cord). Remove the case's six (6) rear attachment screws and detach the cover.</p>  <p><b>Note:</b> Since the attachment screws are small, be sure not to lose them or allow them to fall inside the XBT GT's case.</p>
2	<p>Disconnect the backlight unit's cable from the connector on the Inverter board, and then remove the cable from the cable clamp.</p> 

Step	Description
3	<p>Insert a screw driver in the two circular holes and remove the backlight attachment screw (1).</p>  <p>Screw driver entry</p>
4	<p>Draw out the cable and then slide out the backlight unit.</p>  <p>Backlight unit slot</p> <p>Backlight unit</p> <p>Cable</p>
8	<p>Insert the replacement backlight unit by sliding it into its slot.</p>
9	<p>Tighten the backlight unit screw.  <b>Note:</b> The recommended fastening torque is 0.15 Nm (1.3 lb-in)</p>
10	<p>Reattach the backlight unit cable to the connector on the inverter board, and secure the cable with the cable clamp.  <b>Note :</b> The cable clamp prevents the cable from being caught and damaged inside the XBT GT unit. Make sure you insert the cable in the cable clamp before replacing the rear cover.</p>
11	<p>Replace the circuit board (the circuit board hinges closed) and secure it in place using the attachment screws removed in step 1.  <b>Note:</b> The recommended fastening torque is 0.5 Nm (4.4 lb-in).</p>