

# TECHNICAL BULLETIN

**[Issue No.]** T10-0038

**[Page]** 1/2

**[Title]** Improved display quality and prolonged backlight life of the A985GOT

**[Date of Issue]** Dec., '04

**[Relevant Models]** A985GOT-TBA, A985GOT-TBA-V, A985GOT-TBD, A985GOT-TBD-V, A9GT-80LTTA

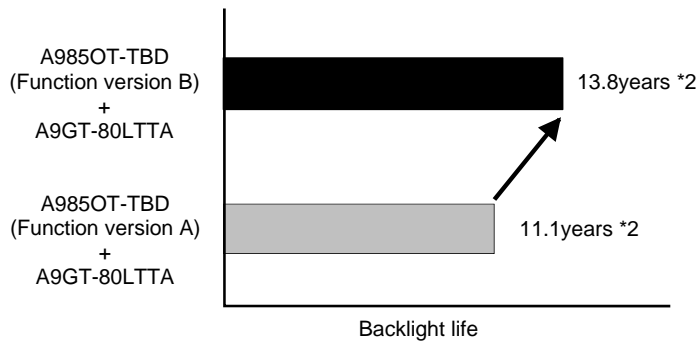
Thank you for your continued support of Mitsubishi Graphic Operation Terminal (GOT).

The display quality and backlight life of the A985GOT have been improved with hardware version up.

## 1. Improvements

### 1-1. The A985GOT has been improved in the following points.

- (1) The contrast ratio of the display has been raised. (200:1→500:1)
- (2) The visual quality of a screen has been improved. (Adopted standard white color (\*1) for white color.)  
\*1: The color temperature is 6500K (LCD only). A color temperature 6500K indicates a color closest to daylight color, which is defined by International Commission on Illumination (CIE).
- (3) Backlight life has been prolonged by combined use with a new backlight (A9GT-80LTTA).  
(40,000hours→50,000hours)



\*2: Calculated by annual power-on hours as follows.

$$\text{Annual power-on hours} = \frac{12\text{hours}}{1\text{day}} \times 300\text{days} = 3600\text{hours}$$

### 1-2. The A9GT-80LTTA has been added to optional replacement backlight in accordance with the A985GOT improvements.

## 2. Applicable models

Product name	Model	Applicable function version
Graphic Operation Terminal	A985GOT-TBA	Function version B (from Jun., 2004)
	A985GOT-TBD	
	A985GOT-TBA-V	Function version B (from Jul., 2004)
	A985GOT-TBD-V	Function version B (from Oct., 2004)
Backlight	A9GT-80LTTA	(from Jun., 2004)

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**[Page]** 2/2

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### 3. Combination of the A985GOT and replacement backlight

The following shows applicable/NA backlight against A985GOT model and its function version.

Model	Function version	Applicable backlight		Backlight life (h) *1
		A9GT-80LTT	A9GT-80LTTA	
A985GOT-TBA-V	B or later	×	○	50,000
	None	○	○	40,000
A985GOT-TBD-V	B or later	×	○	50,000
	None	○	○	40,000
A985GOT-TBA	B or later	×	○	50,000
	A or earlier	○	○	40,000
A985GOT-TBD	B or later	×	○	50,000
	A or earlier	○	○	40,000
A985GOT-TBA-EU	None	○	○	40,000

\*1: Estimated by the period taken for display intensity to become 50% at operating ambient temperature of 25°C.

### 4. Checking A985GOT version

The GOT hardware version and function version are shown on the rating plate at the rear of the GOT.

