

TECHNICAL BULLETIN

[Issue No.] T10-0031

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[Title] Improved display quality (intensity, view angle and contrast ratio) of GOT-A900 series for visual comfort

[Date of Issue] Feb., '04

[Relevant Models] A975GOT-TBA-B, A975GOT-TBD-B, A970GOT-TBA-B, A970GOT-TBD-B

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

This technical bulletin outlines the improvement in display quality (intensity, view angle and contrast ratio) of the GOT-A900 series. These improvements are relevant for the following GOT models of function version B or later. Check the GOT function version by referring to section (3).

- A975GOT-TBA-B
- A975GOT-TBD-B
- A970GOT-TBA-B
- A970GOT-TBD-B

(1) Improvements

By upgrading to function version B, the above GOT models display quality (intensity, view angle and contrast ratio) have been improved, as well as display life and backlight life. Further details are given below.

Model		A975GOT-TBA-B, A975GOT-TBD-B A970GOT-TBA-B, A970GOT-TBD-B	A975GOT-TBA, A975GOT-TBD, A970GOT-TBA, A970GOT-TBD	
		High intensity, wide angle view type	High intensity type	Wide angle view type
Function version		B or later (from Jan., 2004 end)	None or A (Oct., 2000 or later)	- (*1)
Display	Intensity (*2)	380cd/m ²	350cd/m ²	250cd/m ²
	View angle	Left/Right/Top/Bottom: 85°	Left/Right: 50° Top: 40° Bottom: 45°	Left/Right/Top/Bottom: 80°
Life	Display (*3)	43,000h	41,000h	
	Backlight (*4)	43,000h	40,000h	
Contrast ratio (*5)		500:1	300:1	150:1

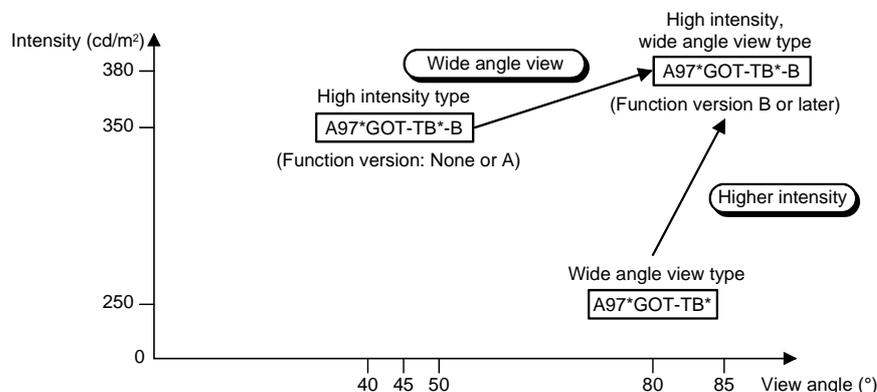
*1: Indicates the A975GOT-TBA, A970GOT-TBA of hardware version D (Dec., 1998) or later, and the A975GOT-TBD, A970GOT-TBD of hardware version B (Dec., 1998) or later.

*2: Indicates the average intensity of liquid crystal display only.

*3: Based on the assumption that the GOT operates at 25°C.

*4: Based on the assumption that the GOT operates at 25°C and with 50% or less intensity.

*5: Indicates the average contrast ratio of liquid crystal display only.



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(2) Applicable backlight

Make sure to use the A9GT-70LTTBW backlight for the GOT of function version B or later.

Note that the A9GT-70LTTB backlight is not interchangeable with the A9GT-70LTTBW backlight.

Purchase the backlight applicable for the GOT by referring to the following table.

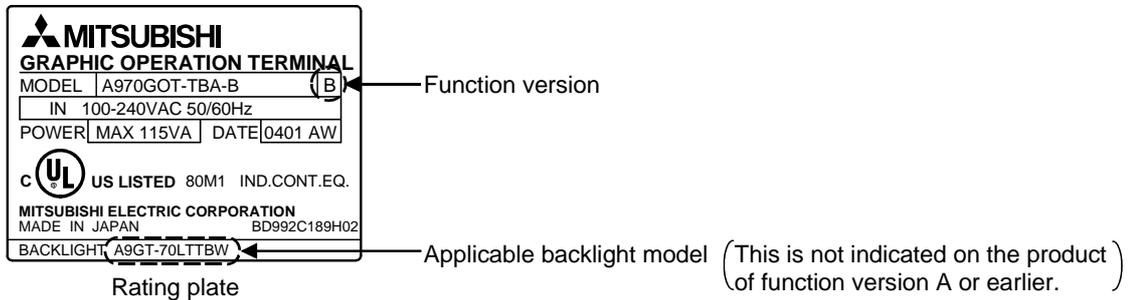
○: Applicable -: N/A

Model	A975GOT-TBA-B, A975GOT-TBD-B A970GOT-TBA-B, A970GOT-TBD-B	
	High intensity, wide angle view type B or later (from Jan., 2004 end)	High intensity type None or A (Oct., 2000 or later)
A9GT-70LTTBW backlight	○	-
A9GT-70LTTB backlight	-	○

(3) Checking GOT function version and applicable backlight model

The GOT function version and the applicable backlight model are shown on the rating plate at the rear of the GOT.

Example) A970GOT-TBA-B of function version B



(4) Description on the backlight surface

The A9GT-70LTTBW backlight has the product model on it as shown below.

Therefore, the model number can be checked easily from the top of the backlight.

