[Issue No.] GOT-A-0043 [Page] 1/11 [Title] Precautions when Replacing GT15 Models with GT16 Models [Date of Issue] Ver. *: May 2011 [Relevant Models] GOT1000 Series

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

We released GT16 models with high functions and performance as an alternative of GT15 models in August 2008. We highly recommend that you replace GT15 models with GT16 models for using new sophisticated features.

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[Issue No.] GOT-A-0043 [Page] 2/11 [Title] Precautions when Replacing GT15 Models with GT16 Models [Date of Issue] Ver. *: May 2011 [Relevant Models] GOT1000 Series

1. Requests for customers

We released GT16 models with high functions and performance as alternative of GT15 models in August 2008. We highly recommend that you replace GT15 models with GT16 models for using new sophisticated features. For the replacement models, refer to "Table 2-1 Recommended replacement GT16 models and precautions for replacement" in Chapter 2 below.

2. Selection of GOT

The following table lists the recommended replacement GT16 models and the precautions for replacement. For the details, refer to the precautions in each chapter.

When you use a replacement GT16 model, according to the model and its functions, the required drawing software and the version of the software differ. For the details, refer to the catalogs, the user's manuals, or the MELFANSweb website, and prepare the appropriate drawing software.

GT1595 GT1595-XTBA GT1595-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1695-XTBD GT1695 GT1685-STBA GT1685 GT1685-STBA GT1685 GT1685-STBA GT1685 GT1685-STBA GT1675 GT1675-STBA GT1675 GT1675-STBD GT1675 GT1675-STBD GT1675 GT1675-STBD GT1675 GT1675-STBD GT1675 GT1675-STBD GT1675 GT1675-STBD GT1675-STBD GT1675-VNBA GT1675-VNBA GT1675-VNBA CT1675-VNBA CT1655-VNBA	GT15 models in use		odels in use Recommended GT16 models Panel cut		Panel cut	Applicable software version		
GT1595-XTBD GT1695M-XTBD O GT1585 GT1585V-STBA GT1585V-STBD GT1685 GT1685M-STBA (*1) O GT1585-STBA GT1585-STBD GT1685M-STBA (*1) O Ver1.01B or later Ver2.90U or later GT1585-STBA GT1585-STBD GT1685M-STBA (*1) O O Ver2.90U or later GT1575-STBA GT1575-STBA GT1575-VTBA GT1575-VTBA GT1575-VTBA GT1575-VTBA GT167G GT1675M-STBA (*1) O GT1575-VTBA GT1575-VTBA GT1575-VTBA GT1675M-STBD (*1) O Ver1.01B or later Ver2.96A or later GT1575-VTBA GT1575-VTBA GT1675-VNBA GT1675M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1575-VTBA GT1575-VNBA GT1675-VNBA GT1675-VNBA (*1) O Ver1.01B or later Ver2.96A or later GT1575-VNBA GT1675-VNBA GT1672-VNBA (*1) O Ver1.17T or later Not supported GT1562-VNBA GT1662-VNBA GT1665M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA GT1665M-VTBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA GT1662-VNBA (*1) O Ver1.01B or l			fo	r replacement	: Compatible: Not	GT Works3	GT Designer2	
GT1585 GT1585V-STBA GT1585V-STBD GT1585V-STBD GT1685M-STBA GT1685M-STBD GT1685M-STBD (*1) ver1.01B or later Ver2.90U or later GT1575-STBA GT1585-STBD GT1675M-STBA (*1) 0	GT1595	GT1595-XTBA	GT1695	GT1695M-XTBA	0			
GT1585V-STBD GT1585-STBA GT1685M-STBD (*1) O Ver1.01B or later Ver2.900 or later GT1585-STBA GT1585-STBD GT1685M-STBD (*1) O		GT1595-XTBD		GT1695M-XTBD	0			
GT1585V-STBD GT1585-STBA GT1685M-STBA (*1) O O GT1585-STBA GT1685M-STBA (*1) O GT1570 GT1575V-STBA GT1575V-STBD GT1670 GT1675M-STBA (*1) O GT1575-STBA GT1675M-STBA (*1) O O GT1575-STBA GT1675M-STBA (*1) O O GT1575-STBA GT1675M-STBA (*1) O O GT1575-VTBA GT1675M-VTBA (*1) O O GT1575-VTBA GT1675M-VTBA (*1) O O GT1575-VNBA GT1675M-VTBA (*1) O O GT1575-VNBA GT1675V-VNBA (*1) O O GT1575-VNBA GT1675-VNBA (*1) O O GT1572-VNBA GT1672-VNBA (*1) O Ver1.17T or later Not supported GT1565-VTBD GT1665M-VTBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBD GT1662-VNBA (*1) O Ver1.01B or later Ver2.96A or later </td <td>GT1585</td> <td>GT1585V-STBA</td> <td>GT1685</td> <td>GT1685M-STBA (*1)</td> <td>0</td> <td>Ver1 01B or later</td> <td>Ver2 0011 or later</td>	GT1585	GT1585V-STBA	GT1685	GT1685M-STBA (*1)	0	Ver1 01B or later	Ver2 0011 or later	
GT1585-STBD GT1685M-STBD (*1) o GT1570 GT1575V-STBA GT1575V-STBA GT1670 GT1675M-STBA (*1) o GT1575-STBA GT1575-STBA GT1675M-STBA (*1) o o ver1.01B or later ver2.96A or later GT1575-STBA GT1575-VTBA GT1675M-VTBA (*1) o o ver2.96A or later ver2.96A or later GT1575-VTBA GT1575-VTBA GT1675M-VTBA (*1) o ver1.01B or later ver2.96A or later GT1575-VTBA GT1575-VTBA GT1675-VNBA (*1) o ver1.01B or later ver2.96A or later GT1575-VNBA GT1575-VNBA GT1675-VNBA (*1) o ver1.17T or later Not supported GT1572-VNBA GT1565-VTBA GT1665M-VTBA (*1) o ver1.01B or later ver2.96A or later GT1560 GT1565-VTBA GT1672-VNBA (*1) o ver1.17T or later Not supported GT1560 GT1665-VTBA GT1665M-VTBA (*1) o ver1.01B or later ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) o ver1.01B or later ver2.96A or later GT1562-VNBA GT1662-VNBD (*1)		GT1585V-STBD		GT1685M-STBD (*1)	0		Verz.900 of later	
GT157□ GT1575V-STBA GT1575V-STBD GT1575-STBA GT1575-STBA GT1575-STBA GT1575-STBA GT1575-VTBA GT1575-VTBA GT1575-VTBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1565-VTBD GT1565-VTBD GT1565-VTBD GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBD GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1555-QTBD GT1670- GT1672-VNBA (*1) Ver1.01B or later (*1) Ver2.96A or later GT1572-VNBA GT1662-VNBA GT1562-VNBA GT1562-VNBA GT1665M-VTBA (*1) O Ver1.01B or later Ver2.96A or later GT1572-VNBA GT1662-VNBA GT1665M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1555-VTBD GT1665M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1555-QTBD GT1655-VTBD GT1665M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1555-QTBD GT1655-VTBD GT1655-VTBD Ver1.01B or later Ver2.96A or later GT1555-QTBD GT1655-VTBD GT1655-VTBD Ver1.28E or later Not supported		GT1585-STBA		GT1685M-STBA (*1)	0			
GT1575V-STBD GT1575-STBA GT1575-STBA GT1575-STBD GT1675M-STBD(*1) 0 Ver1.01B or later Ver2.96A or later GT1575-STBD GT1575-VTBA GT1575-VTBA GT1575-VTBD GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1675M-VTBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1575-VTBD GT1575-VNBA GT1575-VNBA GT1575-VNBA GT1675M-VTBD (*1) 0 Ver1.17T or later Not supported GT1572-VNBA GT1565-VTBD GT1665M-VTBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1572-VNBA GT1565-VNBD GT1672-VNBA (*1) 0 Ver1.17T or later Not supported GT1565-VTBD GT1665-VTBD GT1662-VNBA GT1665M-VTBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1550-UTBD GT1655-VTBD GT1662-VNBA (*1) 0 Ver1.17T or later Not supported GT1555-QTBD GT1655-VTBD GT1655-VTBD (*1) 0 Ver1.28E or later Not supported GT1555-QTBD No replacement GT16 models.		GT1585-STBD		GT1685M-STBD (*1)	0			
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GT1575-VTBD GT1575-VNBA GT1675M-VTBD (*1) 0 GT1575-VNBA GT1575-VNBA GT1675-VNBA (*1) 0 GT1575-VNBA GT1572-VNBA GT1675-VNBA (*1) 0 GT1572-VNBA GT1572-VNBA GT1672-VNBA (*1) 0 GT1572-VNBA GT1672-VNBA (*1) 0 GT1565-VTBA GT1565-VTBA GT1665M-VTBA (*1) 0 GT1565-VTBA GT1562-VNBA GT1665M-VTBA (*1) 0 GT1562-VNBA GT1662-VNBA (*1) 0 GT1562-VNBA GT1662-VNBA (*1) 0 GT1562-VNBA GT1662-VNBA (*1) 0 GT1552-VNBD GT1655-VTBD GT1655-VTBD GT1655-VTBD (*1) 0 GT1555-QTBD GT1655-VTBD (*1) 0 GT1555-QTBD No replacement GT16 models. Use the GT1555-Q_BD continuously. Not supported		GT1575-STBD		GT1675M-STBD (*1)	0		VEIZ.90A UI Ialei	
GT1575-VNBA GT1575-VNBD GT1575-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBA GT1572-VNBDGT1675-VNBA (*1) O GT1672-VNBA (*1) O GT1565-VTBA GT1565-VTBA GT1565-VTBA GT1562-VNBA GT1562-VNBA GT1562-VNBA GT1562-VNBDVer1.17T or later Ver1.01B or laterNot supportedGT1572-VNBA GT1565-VTBA GT1562-VNBA GT1562-VNBA GT1562-VNBAGT1660 GT1662-VNBA (*1) GT1662-VNBA GT1662-VNBA GT1662-VNBD GT1662-VNBD GT1650-VTBD GT1650-VTBD GT1650-VTBD GT1650-VTBD GT1650-VTBD GT1650-VTBD GT1650-VTBD (*1) OVer1.01B or later Ver2.96A or laterVer2.96A or later Ver2.96A or laterGT1550-VTBD GT1550-VTBD GT1650-VTBD G		GT1575-VTBA		GT1675M-VTBA (*1)	0			
GT1575-VNBD GT1675-VNBD (*1) 0 Ver1.17T or later Not supported GT1572-VNBA GT1672-VNBA (*1) 0 Ver1.17T or later Not supported GT1560 GT1565-VTBA GT1660 GT1665M-VTBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.17T or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.17T or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.17T or later Not supported GT1552-VNBD GT1650-VTBD (*1) 0 Ver1.17T or later Not supported GT1555-VTBD GT1650-VTBD (*1) 0 Ver1.28E or later Not supported GT1555-QTBD No replacement GT16 models. Use the GT1555-QDBD continuously. State State State		GT1575-VTBD		GT1675M-VTBD (*1)	0			
GT1572-VNBA GT1572-VNBD GT1672-VNBA (*1) O Ver1.171 or later Not supported GT1572-VNBD GT1672-VNBD (*1) O O O O O GT156 GT1565-VTBA GT1565-VTBD GT1660 GT1665M-VTBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA GT1662-VNBA (*1) O Ver1.17T or later Not supported GT1562-VNBA GT1662-VNBA GT1662-VNBA (*1) O Ver1.17T or later Not supported GT1552-VNBD GT1650 GT1655-VTBD (*1) O Ver1.28E or later Not supported GT1555-QTBD GT1655-QTBD No replacement GT16 models. Use the GT1555-QBD continuously. State State		GT1575-VNBA		GT1675-VNBA (*1)	0			
GT15/2-VNBA GT1672-VNBA (*1) 0 GT1572-VNBD GT1672-VNBD (*1) 0 GT156 GT1565-VTBA GT1665M-VTBA (*1) 0 GT1565-VTBD GT1665M-VTBA (*1) 0 Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) 0 Ver1.17T or later Not supported GT1550 GT1555-VTBD GT1650 GT1655-VTBD (*1) 0 Ver1.28E or later GT1555-QTBD GT1555-QTBD No replacement GT16 models. Use the GT1555-QBD continuously. Not supported		GT1575-VNBD		GT1675-VNBD (*1)	0	Vor1 17T or lator	Not supported	
GT156 GT1565-VTBA GT1565-VTBD GT166C GT1665M-VTBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) O Ver1.17T or later Not supported GT1552 GT1555-VTBD GT1652-VNBD (*1) O Ver1.28E or later Not supported GT1555-QTBD GT1655-QTBD No replacement GT16 models. Use the GT1555-QBD continuously. Not supported Not supported		GT1572-VNBA		GT1672-VNBA (*1)	0		Not supported	
GT1565-VTBD GT1665M-VTBD (*1) O Ver1.01B or later Ver2.96A or later GT1562-VNBA GT1662-VNBA (*1) O Ver1.17T or later Not supported GT1552-VTBD GT1652-VNBD (*1) O Ver1.28E or later Not supported GT1555-QTBD GT1655-VTBD GT1655-VTBD (*1) O Ver1.28E or later Not supported GT1555-QTBD No replacement GT16 models. Use the GT1555-QBD continuously. GT1555-QSBD Not supported		GT1572-VNBD		GT1672-VNBD (*1)	0			
GT1565-VTBD GT1665M-VTBD (*1) ○ O GT1562-VNBA GT1662-VNBA (*1) ○ Ver1.17T or later GT1552-VNBD GT1652-VNBD (*1) ○ Ver1.28E or later GT1555-QTBD GT1655-VTBD (*1) ○ Ver1.28E or later GT1555-QSBD No replacement GT16 models. Use the GT1555-Q□BD continuously. Ver1.28E or later	GT156□	GT1565-VTBA	GT166□	GT1665M-VTBA (*1)	0	Vor1 01B or lator	Vor2 06A or lator	
GT1562-VNBD GT1662-VNBD (*1) o Ver1.171 or later Not supported GT155 GT1555-VTBD GT1652-VTBD (*1) o Ver1.28E or later Not supported GT1555-QTBD GT1555-QTBD No replacement GT16 models. Use the GT1555-QBD continuously. GT1555-QBD State		GT1565-VTBD		GT1665M-VTBD (*1)	0		Ver2.90A OF later	
GT1562-VNBD GT1662-VNBD (*1) o Not supported GT155 GT1555-VTBD GT165□ GT1655-VTBD (*1) o Ver1.28E or later GT1555-QTBD No replacement GT16 models. Use the GT1555-Q□BD continuously. GT1555-QSBD		GT1562-VNBA		GT1662-VNBA (*1)	0	Vor1 17T or lator		
GT1555-QTBD No replacement GT16 models. Use the GT1555-Q□BD continuously. GT1555-QSBD		GT1562-VNBD		GT1662-VNBD (*1)	0		Not supported	
GT1555-QSBD	GT155□	GT1555-VTBD						
		GT1555-QTBD	No replace	ement GT16 models. Us	e the GT1555-Q□E	BD continuously.		
		GT1555-QSBD						
GT1550-QLBD		GT1550-QLBD						

Table 2-1 Recommended replacement GT16 models and precautions for replacement

*1: Since the touch panel type is the analog resistive film, only one point can be touched. When the simultaneous 2-point press is required, use the GT15 model continuously.

For the precautions for replacement, refer to each chapter as shown below.

- Monitor screen data: Chapter 3

- Communication units and options: Chapter 4

- Cables: Chapter 5

- Mounting intervals: Chapter 6



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3. Monitor screen data

The monitor screen data used with the GT15 model can also be used with the GT16 model by converting the GOT type on the applicable drawing software.

3.1 Changing the controller setting (Ethernet connection only)

When the GT15 model is connected via Ethernet, change the controller setting for the GT16 model. In the Ethernet setting, though the extension interface is specified for the GT15 model, specify the standard interface for the GT16 model.

3.1.1 How to change the controller setting when using GT Works3 Version1

1) When the GT15 model is connected via Ethernet, the extension interface (among options ranging from [Extend I/F-1(1st)] to [Extend I/F-2(3rd)]) is set for [I/F].

When [Extend I/F-1(1st)] is set for [I/F]

🖷 Controller Setting				
Controller Setting				
- I CH I: MELSEC-UNU/DC	<u>M</u> anufacturer:	MITSUBISHI	~	
	Controller Typ <u>e</u> :	MELSEC-QnU/DC, Q17nD/M/NC/DR, CRnD-700	~	
📗 🖶 🚠 Network/Duplex Setting	I/F:	Extend I/F-1(1st)	~	
		Ethernet (MELSEC), Q17nNC, CRnD-700		
Gateway	Diver	Ethemettwickocov, wrimiNo, ORnD=700	Y	

2) When the GOT type is changed from the GT15 model to the GT16 model, [I/F] is not changed and [Driver] is changed to [Bus(Q)], [Bus(A/QnA)], or [MELSEC-FX] according to [Type].

When [MELSEC-QnU/DC], [Q17nD/M/NC/DR], or [CRnD-700] is set for [Type]

🖷 Controller Setting				
🖶 Controller Setting				
CH 1: MELSEC-QnU/DC				
🔣 🖓 🖓 CH 2: None	<u>M</u> anufacturer:	MITSUBISHI	~	
🔄 🌐 CH 3: None				
CH 1: MELSEC-QnU/DC OH 2: None CH 3: None OH 4: None OH 4: None	Controller Typ <u>e</u> :	MELSEC-QnU/DC, Q17nD/M/NC/DR, CRnD-700	~	
📄 🚠 Network/Duplex Setting	a /m			
	Į∕F:	Extend I/F-1(1st)	~	
- 🔒 Ethernet - 署 Routing Information	Driver:	D (0)	~	
Routing Information	Driver:	Bus (Q)	~	
Clareway				

In the controller setting, set [I/F] to [Standard I/F(Ethernet): Multi].

[Driver] is automa	lucally chang	jeu.		
🖷 Controller Setting				
Controller Setting				
- 💷 CH 2: None	<u>M</u> anufacturer:	MITSUBISHI	*	
	Controller Typ <u>e</u> :	MELSEC-QnU/DC, Q17nD/M/NC/DR, CRnD-700	~	
ia network/Duplex Setting □	Į∕F:	Standard I/F(Ethernet): Multi	~	
- 📅 Routing Information	Driver:	Ethernet(MELSEC), Q17nNC, CRnD-700	~	
Gateway				



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4) After setting [I/F], set the IP address and others in [Detail Setting].



By changing the Ethernet interface from the extension interface to the standard interface, the configuration of the extension units may require changes. Therefore, change the controller setting overall.

3.1.2 How to change the controller setting when using GT Designer2 Version2

1) When the GT15 model is connected via Ethernet, [Extend I/F Setting] is configured with one ranging from [Extend I/F-1] (1st) to [Extend I/F-2] (3rd).

	Getting is	COIIII	guieu iii				
🖆 System Environment							
System Environment System Settings Toject Title	🔽 Use Communicati						
- 🖅 Auxiliary Setting	Standard I/F Setting:	s: CHNo.	I/F	Driver			
System Information	Standard I/F-1:	9 💌	RS232	Host(PC)		▼ Detail Setting	1
Screen Switching	Standard I/F-2:	9 -	USB	Host(PC)		- -	
Security							
Dialog Window Switching Station No.	Extend I/F Settings:						
🛛 😌 Switching Station No.	Extend I/F-1:	CH No.	Driver				
Video/RGB	1st	1 -	Ethernet(MELS	EC), Q17nNC, CRnD-700	-	Detail Setting	
Print Format						-	1
	2nd	0 -	None		•	Detail Setting	
- GOT Setup	3rd	0 -	None		-	Detail Setting	
- 🔣 Language Switching - 🛱 KANA KANJI Conversion		10				poton potente	1
THE KANA KANJI Conversion							

When [Extend I/F Setting] is configured in [Extend I/F-1] (1st)



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2) When the GOT type is changed from the GT15 model to the GT16 model, [Driver] for [Extend I/F Setting] in [Communication Settings] is changed to [Bus(Q)], [Bus(A/QnA)], or [MELSEC-FX] according to [Controller Type] in [System Settings].

When [MELSEC-QnU/DC], [Q17nD/M/NC/DR], or [CRnD-700] is set for [Type]

	🐮 System Environment						
	System Environment	☑ Use Communicat	tion Settings				
I	System Settings	Standard I/F Setting	şs:				
I	Auxiliary Setting		CH No.	I/F	Driver		
I	📲 System Information	Standard I/F-1:	9 🔻	RS232	Host(PC)	Detail Setting	
I	Screen Switching	Standard I/F-2:	9 💌	USB	Host(PC)		
I	📲 🔣 Key Window	Standard I/F-3:	0 -	RS422/485	None	Detail Setting	
I	🛛 🥂 Dialog Window						
I	Switching Station No.	Standard I/F-4:	0 💌	Ethernet	None	 Detail Setting 	
I	Video/RGB						
I	Multimedia Print Format	Extend I/F Settings;				_	
I	Print Format	Extend I/F-1:	CH No.	Driver			
I	Communication Settings	1st	1 -	Bus(Q)	•	Detail Setting	
I	GOT Setup			[] [Date tas			
I	Language Switching	2nd	0 🔻	None	×	Detail Setting	
I		3rd	0 •	None	•	Detail Setting.	
	Clock Setting		• •	THORE	<u> </u>	pordit contrille	

3) In [Communication Settings], set 0 for [CH No.] of [Extend I/F-1] (1st) in [Extend I/F Setting] and set 4 for [CH No.] of [Standard I/F-4] in [Standard I/F Settings]. [Driver] is automatically changed.

System Environment								
🖆 System Environment 🐻 System Settings	🔽 Use Communica	tion Set	tings					
Roject Title	Standard I/F Settin	es:						
- 📶 Auxiliary Setting		CH N	lo.	I/F	Driver			
System Information	Standard I/F-1:	9	-	RS232	Host(PC)	-	Detail Setting	
	Standard I/E-2:	10		luon.		5		
M Security	Orandard b1 2.	9	V	USB	Host(PC)	·		
- 🎊 Key Window	Standard I/F-3:	0	-	BS422/485	None	-	Detail Setting	
🔤 Dialog Window		-						
😵 Switching Station No.	Standard I/F-4:	1	-	Ethernet	Ethernet(MELSEC), Q17nNC, CRnD-700	•	Detail Setting	
			_			_		

4) After setting [Standard I/F Settings], set the IP address and others in [Detail Setting].

System Environment				Communication Detail Sett	ines 🔣
System Environment	🔽 Use Communicat	tion Settings		Driver:	Ethernet (MELSEC), Q17nNC, CRnD-700
Project Title	Standard I/F Setting	es:		GOT NET No:	
- 🚪 Auxiliary Setting		CH No. I/F Driver		GOT PLC No:	
System Information	Standard I/F-1:	9 RS232 Host(PC) Detail Setting		-	1
- P Screen Switching	Standard I/F-2:	9 VUSB Host(PC) V		GOT IP Address:	192168.3.18 Setting
Security					IP Label:
- Dialog Window	Standard I/F-3:	0 RS422/485 None			
Switching Station No.	Standard I/F-4:	1 Ethernet Ethernet (MELSEC), Q17nNC, CRnD-700 Detail Setting		Ethernet Download Port No:	5014
- D Multimedia	Extend L/F Settings:		_	Subnet <u>M</u> ask:	255.255.255.0
Print Format	Extend I/F-1:	CH No. Driver		Default Gateway:	0.0.0
GOT Setup	1st	0 💌 None 💌 Detail Setting		GOT Port No.	,
Language Switching	2nd	0 V None Detail Setting		Communication:	5001
- 📻 KANA KANJI Conversion	3rd				
- 💮 Clock Setting	oru	0 💌 None 💌 Detail Setting		Betry:	
🔤 🛅 Startup Logo				Startup Time:	3 🔆 (Sec)
	Extend I/F-2:	CH No. Driver		Timeout Time:	3 (Sec)
	1st	0 💌 None 💌 Detail Setting		Delay Time:	0 . (x 10 ms)
	2nd	0 💌 None 💌 Detail Setting			
< >	3rd	0 Vone Detail Setting		@2bit Storage:	<u>×</u>
		OK Cancel <u>Apply</u>			OK Cancel

By changing the Ethernet interface from the extension interface to the standard interface, the configuration of the extension units may require changes. Therefore, change the controller setting overall.



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3.2 Changing the utility call key setting

While a user-created screen is displayed, touching a utility call key displays the main menu. The utility call keys for the GT15 models (excluding GT1595) are located at upper-left and upper-right corners on the GOT screen for simultaneous 2-point press. The utility call key for the GT16 model is located at upper-left corner on the GOT screen for only 1-point press.

The positions of the utility call keys can be changed with the GOT utility, GT Designer3, or GT Designer2. The following table shows the factory default position of the utility call keys for the GT15 models.



The following table shows the factory default position of the utility call key for the GT16 models.





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4. Communication units and options

When checking whether the communication units and the options for the GT15 models can be used for the GT16 main unit, refer to the following.

Table 4 Replacement models for communication units and options						
Communication format/option	Unit model for GT15 models	Unit model for GT16 models	Remarks			
	GT15-QBUS	Same as on the left				
Q bus connection	GT15-QBUS2	Same as on the left				
	GT15-75QBUSL	Same as on the left	Slim model (*1)			
	GT15-75QBUS2L	Same as on the left	Slim model (*1)			
	GT15-ABUS	Same as on the left				
A hun nonention	GT15-ABUS2	Same as on the left				
A bus connection	GT15-75ABUSL	Same as on the left	Slim model (*1)			
	GT15-75ABUS2L	Same as on the left	Slim model (*1)			
DC 000 connection	GT15-RS2-9P	Same as on the left				
RS-232 connection	GOT built-in interface	Same as on the left				
		Same as on the left				
	GT15-RS4-9P	GOT built-in RS-422/485 interface	The conversion cable (GT16-C02R4-9S) is required.			
	GT15-RS4-TE	Same as on the left				
DO 400		Same as on the left (*2)				
RS-422 connection	GT15-RS2T4-9P	GOT built-in RS-422/485 interface	The conversion cable (GT16-C02R4-9S) is required.			
		Same as on the left (*2)				
	GT15-RS2T4-25P	GOT built-in RS-422/485	The conversion cable			
		interface	(GT16-C02R4-25S) is required.			
MELSECNET/H	GT15-J71LP23-25	Same as on the left				
connection	GT15-J71BR13	Same as on the left				
	GT15-J71LP23-25	Same as on the left				
MELSECNET/10	GT15-75J71LP23-Z	GT15-J71LP23-25	Use the MELSECNET/H communication unit in the			
connection	GT15-J71BR13	Same as on the left	MELSECNET/10 mode.			
	GT15-75J71BR13-Z	GT15-J71BR13				
MELSECNET/B	GT15-J71LP23-25	Same as on the left				
connection	GT15-J71BR13	Same as on the left				
CC-Link Controller connection	GT15-J71GP23-SX	Same as on the left				
	GT15-J61BT13	Same as on the left				
CC-Link connection	GT15-75J61BR13-Z	GT15-J61BT13	Use the unit dedicated to the CC-Link ver.2 network system in the mode for the CC-Link ver.1 network system mode.			
Ethernet connection	GT15-J71E71-100	GOT built-in Ethernet interface	The Ethernet communication unit cannot be mounted on the GT16 main unit.			
Serial Multi drop connection	GT01-RS4-M	Same as on the left				
	GT15-PRN	Same as on the left	PictBridge compatible printer (*4)			
Printer interface	GT15-RS2-9P	Same as on the left	Serial printer (*4)			
	GOT built-in interface	Same as on the left (*3)				
	GT15V-75V4	GT16M-V4	Cines the OT45 within and some title			
Video/RGB	GT15V-75R1	GT16M-R2	Since the GT15 unit is not compatible with the GT16 main unit, the unit			
connection	GT15V-75V4R1	GT16M-V4R1	- cannot be used.			
	GT15V-75ROUT	GT16M-ROUT				

Table 4 Replacement models for communication units and options

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Table 4-1 Replacement models for communication units and options (From the previous page)

Communication	Unit model for GT15	Unit model for GT16	Remarks
format/option	models	models	
CF card unit	GT15-CFCD	Same as on the left	
CF card extended unit		Same as on the left	
Sound out unit	GT15-SOUT	Same as on the left	
External I/O unit	GT15-DIOR	Same as on the left	
External I/O unit	GT15-DIO	Same as on the left	
	GT15-90XLTT	GT16-90XLTT	
	GT15-80SLTT	GT16-80SLTT	Since the CT15 headlight is not
Back light	GT15-70SLTT	GT16-70SLTT	Since the GT15 backlight is not compatible with the GT16 main unit,
Dack light	GT15-70VLTN	GT16-70VLTN	the backlight cannot be used.
	GT15-60VLTT	GT16-60VLTT	
	GT15-60VLTN	GT16-60VLTN	
		Not required. The GT16	
	GT15-FNB	has the built-in option	
	GT15-TNB	function board as standard	
		equipment.	
		Not required. The GT16	
	GT15-QFNB	has the built-in option function board as standard	
		equipment.	
		Not required. The GT16 has	
		the built-in option function	
	GT15-QFNB16M	board as standard	
Option function board		equipment.	
Option function board		Not required. The GT16 has	
		the built-in option function	
	GT15-QFNB32M	board as standard	
		equipment.	
		Not required. The GT16 has	
	GT15-QFNB48M	the built-in option function	
		board as standard	
		equipment.	
			Since the GT15 option function board
	GT15-MESB48M	GT16-MESB	is not compatible with the GT16 main unit, the board cannot be used.
	GT15-90PSCB	GT16-90PSCB	
	GT15-90PSGB	GT16-90PSGB	
	GT15-90PSCW	GT16-90PSCW	
	GT15-90PSGW	GT16-90PSGW	
	GT15-80PSCB	GT16-80PSCB	
	GT15-80PSGB	GT16-80PSGB	
	GT15-80PSCW	GT16-80PSCW	Since the GT15 protective sheet is not
	GT15-80PSGW	GT16-80PSGW	compatible with the GT16 main unit,
	GT15-70PSCB	GT16-70PSCB	the sheet cannot be used.
	GT15-70PSGB	GT16-70PSGB	
Protective sheet	GT15-70PSCW	GT16-70PSCW	1
	GT15-70PSGW	GT16-70PSGW	1
	GT15-60PSCB	GT16-60PSCB]
	GT15-60PSGB	GT16-60PSGB]
	GT15-60PSCW	GT16-60PSCW	
	GT15-60PSGW	GT16-60PSGW	
	GT15-50PSCB	GT16-50PSCB	Since the GT15 protective sheet is not
	GT15-50PSGB	GT16-50PSGB	compatible with the GT16 main unit,
	GT15-50PSCW	GT16-50PSCW	the sheet cannot be used.
	GT15-50PSGW	GT16-50PSGW	

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Table 4-1 Repla	acement models for con	nmunication units and op	tions (From the previous page)	
Communication format/option	Unit model for GT15 models	Unit model for GT16 models	Remarks	
USB environmental	GT15-UCOV	GT16-UCOV	Except the GT1655 Since the GT15 environmental protection cover is not compatible with the GT16 main unit, the cover cannot be used.	
protection cover	GT11-50UCOV	GT16-50UCOV	GT1655 only Since the GT15 environmental protection cover is not compatible with the GT16 main unit, the cover cannot be used.	
	GT05-90PCO	Same as on the left		
	GT05-80PCO	Same as on the left		
Desta sting a surray for	GT05-70PCO	Same as on the left		
Protective cover for	GT05-60PCO	Same as on the left		
oil	GT05-50PCO	GT16-50PCO	Since the GT15 protective cover for oil is not compatible with the GT16 main unit, the cover cannot be used.	
	GT15-90STAND	Same as on the left		
Stand	GT15-80STAND	Same as on the left		
Stariu	GT15-70STAND	Same as on the left		
	GT05-50STAND	Same as on the left		
	GT05-MEM-16MC	Same as on the left		
	GT05-MEM-32MC	Same as on the left		
	GT05-MEM-64MC	Same as on the left	Applicable to the GT16.	
	GT05-MEM-128MC	Same as on the left	When storing the project data in the CF	
	GT05-MEM-256MC	Same as on the left	card, and using the data in the CF	
CF card	GT05-MEM-512MC	Same as on the left	card, change the GOT type setting.	
	GT05-MEM-1GC	Same as on the left		
	GT05-MEM-2GC	Same as on the left		
	_	GT05-MEM-4GC (*5)		
		GT05-MEM-8GC (*5)	Select the CF card when 2GB or mo	
		GT05-MEM-16GC (*5)	is required.	
Memory card adaptor	GT05-MEM-ADPC	Same as on the left		
	GT15-70ATT-98	Same as on the left		
	GT15-70ATT-87	Same as on the left		
	GT15-60ATT-97	Same as on the left		
• • • •	GT15-60ATT-96	Same as on the left		
Attachment	GT15-60ATT-87	Same as on the left		
	GT15-60ATT-77	Same as on the left		
	GT15-50ATT-95W	Same as on the left		
	GT15-50ATT-85	Same as on the left		
D. //.		Same as on the left	Except the GT1655 The GT16 has the built-in battery as standard equipment.	
Battery	GT15-BAT	GT11-50BAT	GT1655 only Since the GT15 battery is not compatible with the GT16 main unit, the battery cannot be used.	

*1 The slim model has limitation for combination with other units. To use the slim model with the units for the functions, including the external I/O function, the sound output function, the printer function, and the video/RGB I/O function, use the following units.

GT15-ABUS (A bus connection 1ch), GT15-ABUS2 (A bus connection 2ch), GT15-QBUS (Q bus connection 1ch), GT15-QBUS2 (Q bus connection 2ch)

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- *2 Not applicable for the GT1655.
- *3 To download monitor screen data and others from a personal computer to the GOT via the GOT built-in RS-232 interface, the cable must be replaced.
- *4 For the printer models applicable to the GOT1000 series (validated models), refer to TECHNICAL BULLETIN GOT-A-0010 "List of Valid Devices Applicable for GOT1000 Series" on the MELFANSweb website. To use the serial printer, GT Works3 with version 1.15R or later is required.
- *5 GOT BootOS version 05.09.00AF or later supported If you use the GOT with the BootOS whose version is earlier than 05.09.00AF installed, install the latest BootOS on the GOT by using GT Designer3 with version 1.15R or later.

5. Cables

5.1 Bus connection cables

The bus connection cables for the GT15 model are available for the GT16 model.

5.2 RS-232 cables

The RS-232 cables for the GT15 model are available for the GT16 model.

5.3 RS-422/485 cables

The RS-422/485 cables for the GT15 model are available for the GT16 model.

When the GT15-RS4-9P or the GT15-RS2T4-9P for the GT15 model is used and the GT15 model is replaced with the GT16 model with the GOT built-in interface, the GT16-C02R4-9S (RS-422 connector conversion cable) is required. When the GT15-RS2T4-25P for the GT15 model is used and the GT15 model is replaced with the GT16 model with the GOT built-in interface, the GT16-C02R4-25S (RS-422 connector conversion cable) is required.

5.4 Network cables (MELSECNET/H, MELSECNET/10, Ethernet, CC-Link IE, CC-Link)

The network cables for the GT15 model are available for the GT16 model.

For the Ethernet connection, the Ethernet communication unit for the GT15 is replaced with the GT16 built-in Ethernet interface. (The Ethernet communication unit cannot be mounted on the GT16.) Since the connection location of the Ethernet cable is changed, check the wiring of the cable.

5.5 Other cables

The following cables for the GT15 model are available for the GT16 model.

- Printer cable
- CRT connection cable
- Coaxial cable for displaying video image
- Nine-core composite cable for the RGB display screen
- Connection cable for the Non-Mitsubishi FA devices
- Conversion cable for connecting the external I/O unit
- Analog RGB cable
- Data transfer cable (RS-232, USB)



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6. Mounting intervals

When the GT15 model is replaced with the GT16 model, only the dimensions A and C are changed among the mounting intervals (Dimensions A to F in the below figure). The following explains the precautions for the mounting intervals.

For intervals required for each product, refer to the mounting intervals in the catalog.

In addition, when mounting a communication unit or option unit on the GOT to use the multi-channel function, refer to the user's manual of each communication unit and/or option for the dimensions E and F.



6.1 Downward dimension (Dimension A)

When the GT1555 main unit with no communication unit and the GT1555 is replaced with the GT1655, the following downward dimension (Dimension A) is required.

Table 6-1 Downward dimension (Dimension A) (Un						
GT1	5 model in use	Replacemer	nt GT16 model	Downward dimension (Dimension A)		
GT155□	GT1555-VTBD	GT165□	GT1655-VTBD	46 or more→61 or more		

For the details, refer to the external dimensions in the appendixes of the GT15 User's Manual (SH-080528ENG) or the GT16 User's Manual (Hardware) (SH-080928ENG).

6.2 Side dimension (Dimension C)

When the GT1555 is replaced with the GT1655, changing the side dimension (Dimension C) is not required. When the battery and/or the CF card are used, more space is required for installing or removing the battery and the CF card. Therefore, the following side dimension (Dimension C) is required.

Table 6-2 Side dimension (Dimension C) (Unit							
GT15 model in use		Replacement GT16 model		Side dimension (Dimension C)			
GT155□	GT1555-VTBD	GT165□	GT1655-VTBD	50 or more (20 or more) \rightarrow 100 or more			
For the de	etails, refer to the exte	ernal dimensio	ons in the appen	dixes of the GT15 User's Manual			
(SH-0805	28ENG) or the GT16	User's Manua	al (Hardware) (S	H-080928ENG).			

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