Mitsubishi <4> Mitsubishi Electric Corporation

A Series (AnN) + Link Unit (Large) Connection

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.

Communication Setting Sample

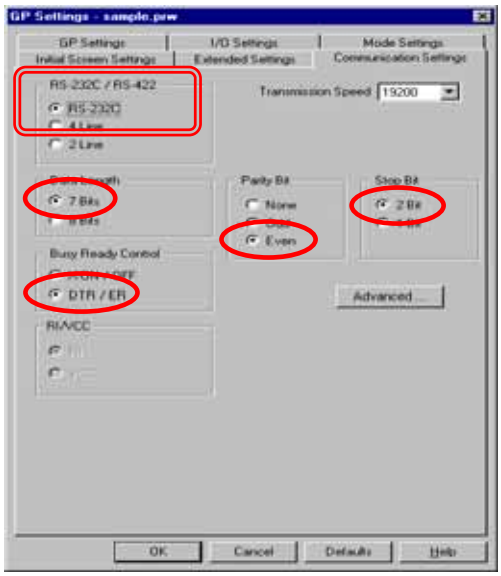
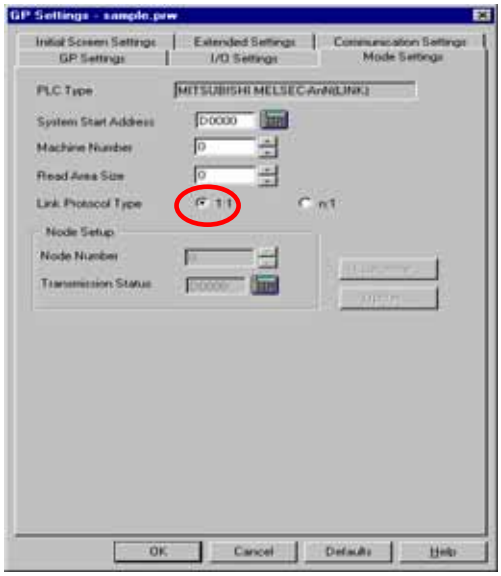
GP Setup		Computer Link Unit Setitings	
Baud Rate	19200 bps	Baud Rate	19200 bps
Data Length	7 bits	Data Bit	7 bits
Stop Bit	2 bits	Stop Bit	2 bits
Parity Bit	Even	Parity Check Parity setting even/odd	Yes Even
Data Flow Control	ER Control	---	
Communication Format (RS-232C)	RS-232C	Channel Setup Mode Setup (RS-232C)	RS-232C 4 (Format 4 protocol)
Communication Format (RS-422)	4-wire type	Channel Setup Mode Setup (RS-422)	RS-422 8 (Format 4 protocol)
---		Write possible in RUN mode.	Possible
---		Sum Check	Yes
---		Enable Sender Termination Resistor *1	Yes *1
---		Enable Receiver Termination Resistor *1	Yes *1
Unit No.	0	Station Number	0

* 1: AJ71UC24 does not have this setting.

Communication Settings [GP]

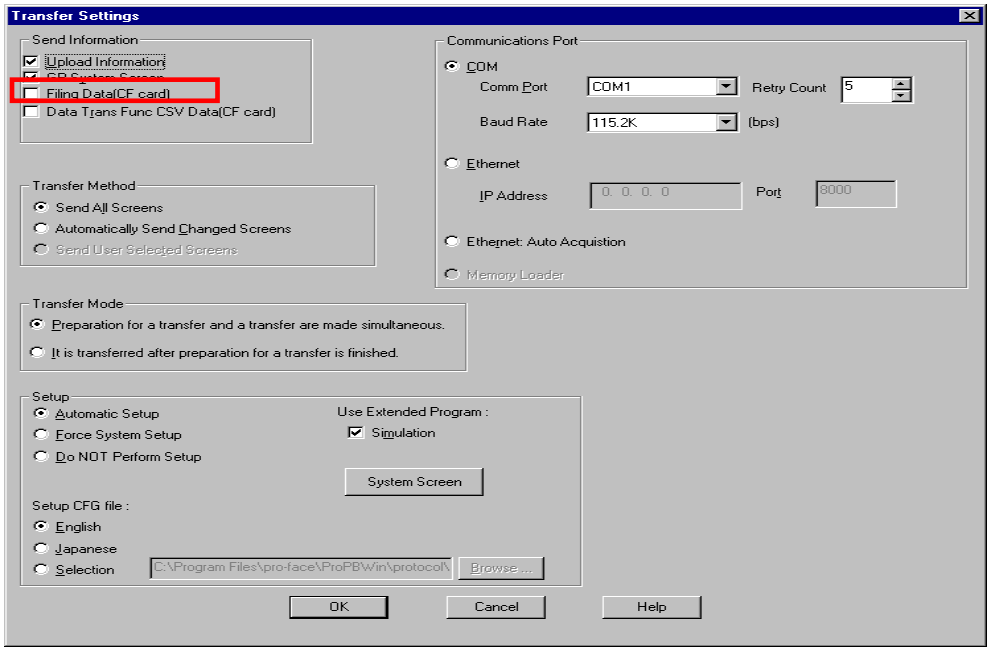
1 [GP-PRO/PBIII C-Package Setting]

Select [GP Setup] on Project Manager.

1) Communication Settings 	1) Communication Settings Transmission Speed : 19200bps Data Length : 7 Bits Stop Bit: 2 Bits Parity Bit: Even Busy Ready Control : DTR / ER RS-232C/ RS-422 RS-232C Connection: RS-232C RS-422 Connection: 4 Line * Select one in ☐ depending on the communication method.
2) Mode Settings 	2) Mode Settings System Start Address: Arbitrary Address Machine No.: 0 Link Protocol Type: 1:1

Select [Transfer] --> [Setup] --> [Transfer Settings].

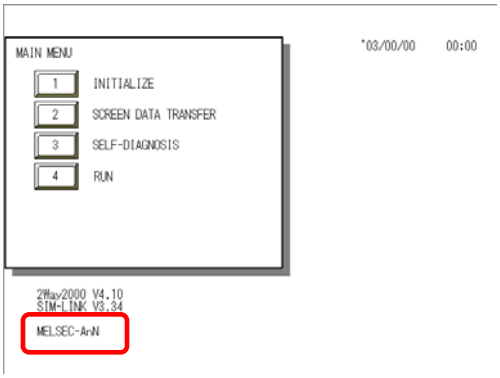
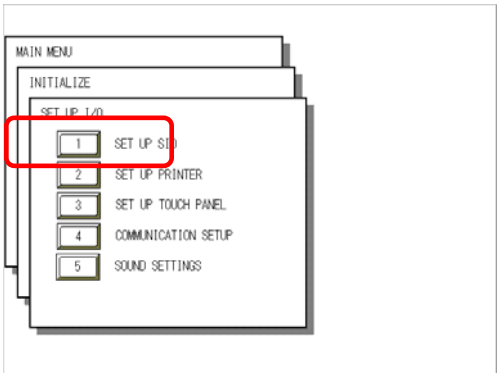
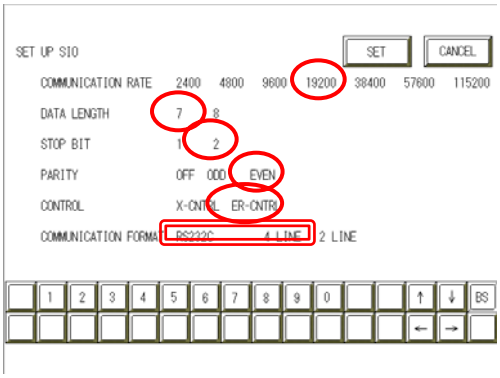
3) Transfer Settings

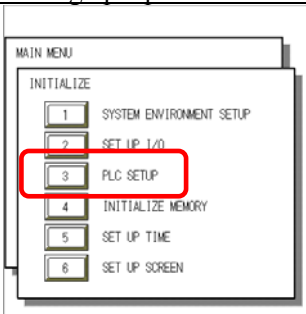
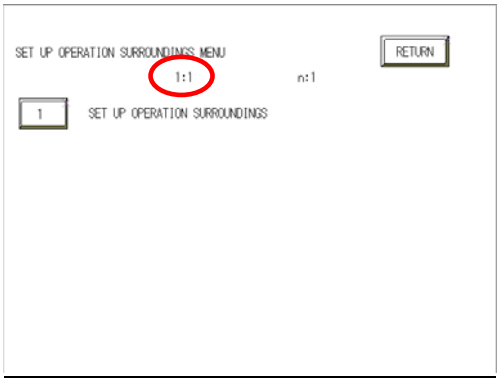
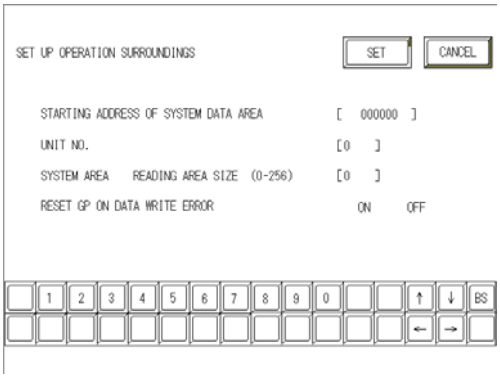


3) Transfer Settings GP System Settings: Checked

Transfer to GP after settings completed.

2 [GP Settings]

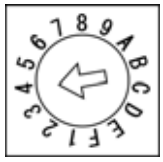
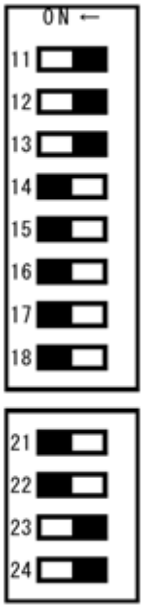
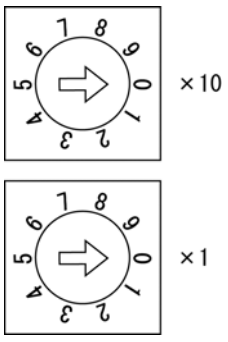
1) Checking GP Type 	1) Checking GP Type If you have selected Mitsubishi MELSEC-AnN (LINK), the following will be shown. "MELSEC-AnN"
2) Communication Settings 	2) Communication Settings [MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]
	Communication Rate: 19200bps Data Length: 7 Bits Stop Bit: 2 Bits Parity: Even Control: ER Cntrl Communication Format RS-232C Connection: RS-232C RS-422 Connection: 4 Line * Select one in [ ] .

3) Setting up Operation Surroundings 	3) Setting up Operation Surroundings [MAIN MENU] ↓ [INITIALIZE] ↓ [PLC SETUP] ↓ [PLC SETUP]
	SET UP OPERATION SURROUNDINGS MENU: 1:1
	Starting Address of System Data Area: Arbitrary Address Unit No.: 0

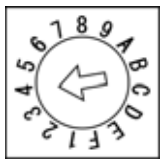
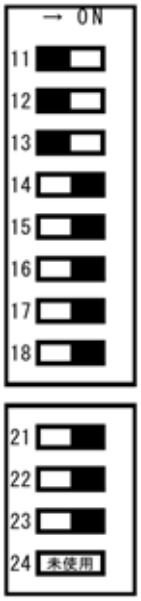
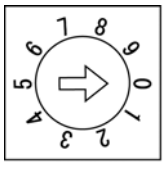
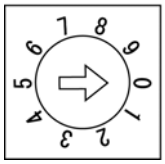
Communication Settings [PLC]

1. RS-232C Connection

1-1 [Connecting via Computer Link Unit AJ71C24 / AJ71C24-S3 / AJ71C24-S6 / AJ71C24-S8]

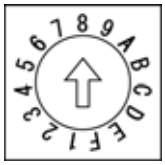
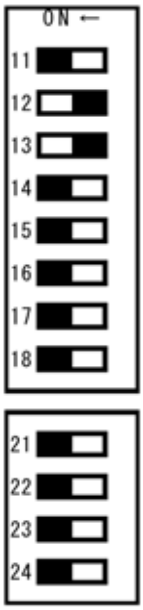
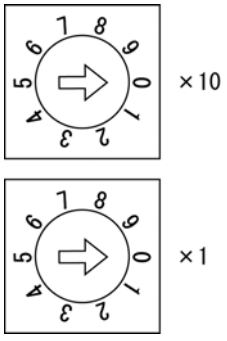
1) Mode Setup MODE 	1) Mode Setup 4 (Format 4 Protocol)
2) Communication Settings **Set switches to the black.** 	2) Communication Settings Baud Rate :19200bps Data Bit :7 Bits Stop Bit :2 Bits Parity Check :Yes Parity Setting Even/Odd :Even Write Possible in RUN Mode: Possible Sum Check :Yes Enable Sender Termination Resistor: Yes Enable Receiver Termination Resistor: Yes
3) Node Settings STATION NO 	3) Node Settings Station Number: 0

1-2 [Connecting via Computer Link Unit AJ71UC24]

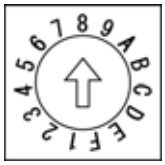
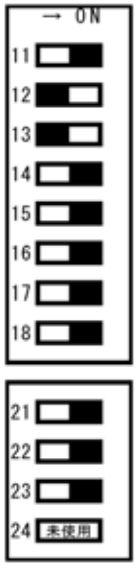
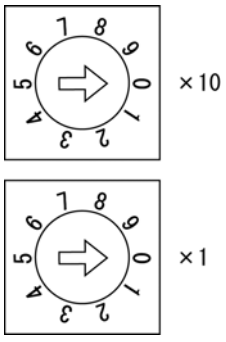
1) Mode Setup MODE 	1) Mode Setup 4 (Format 4 Protocol)
2) Communication Settings **Set switches to the black.** 	2) Communication Settings Baud Rate :19200bps Data Bit :7 Bits Stop Bit :2 Bits Parity Check :Yes Parity Setting Even/Odd :Even Write Possible in RUN Mode: Possible Sum Check :Yes
3) Node Settings STATION NO  	3) Node Settings Station Number: 0

2. RS-422 Connection

2-1 [Connecting via Computer Link Unit AJ71C24 / AJ71C24-S3 / AJ71C24-S6 / AJ71C24-S8]

1) Mode Setup MODE 	1) Mode Setup 8 (Format 4 Protocol)
2) Communication Settings **Set switches to the black.** 	2) Communication Settings Baud Rate :19200bps Data Bit :7 Bits Stop Bit :2 Bits Parity Check :Yes Parity Setting Even/Odd :Even Write Possible in RUN Mode: Possible Sum Check :Yes Enable Sender Termination Resistor: Yes Enable Receiver Termination Resistor: Yes
3) Node Settings STATION NO 	3) Node Settings Station Number: 0

2-2 [Connecting via Computer Link Unit AJ71UC24]

1) Mode Setup MODE 	1) Mode Setup 8 (Format 4 Protocol)
2) Communication Settings **Set switches to the black.** 	2) Communication Settings Baud Rate :19200bps Data Bit :7 Bits Stop Bit :2 Bits Parity Check :Yes Parity Setting Even/Odd :Even Write Possible in RUN Mode: Possible Sum Check :Yes
3) Node Settings STATION NO 	3) Node Settings Station Number: 0