

Mitsubishi <5> Mitsubishi Electric Corporation A Series (AnS/AnSH/A0J2) + Link Unit (Medium) Connection

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.



Communication Setting Sample

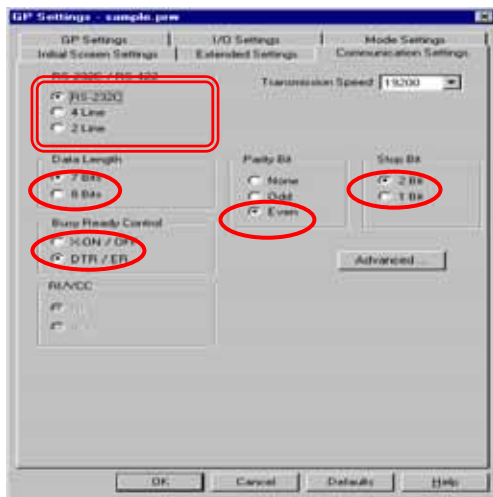
GP Setup		Computer Link Unit Settings	
Baud Rate	19200 bps	Baud Rate	19200 bps
Data Length	7 bits	Data Bit	7 bits
Stop Bit	2 bits	Stop Bit	2 bits
Parity Bit	Even	Parity Check	Yes
		Parity setting even/odd	Even
Data Flow Control	ER Control		---
Communication Format (RS-232C)	RS-232C	Channel Setup Mode 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
Unit No.	0	Station Number	0

Communication Settings [GP]

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

Select [GP Setup] on Project Manager.

1) Communication Settings

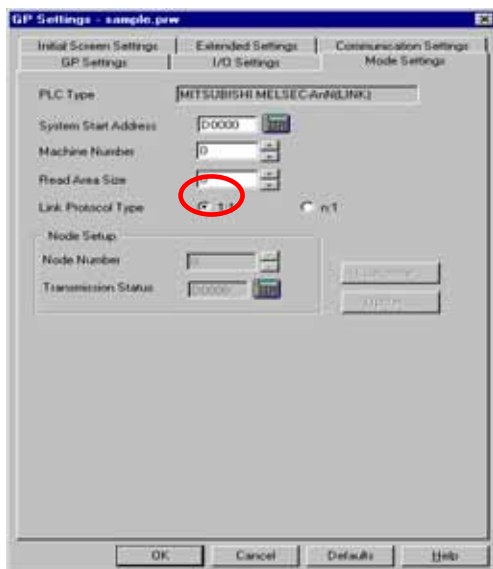


1) Communication Settings

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

Transfer Settings

Send Information

- Upload Information
- GP System Screen
- Filing Data(CF card)
- Data Trans Func CSV Data(CF card)

Transfer Method

- Send All Screens
- Automatically Send Changed Screens
- Send User Selected Screens

Transfer Mode

- Preparation for a transfer and a transfer are made simultaneous.
- It is transferred after preparation for a transfer is finished.

Setup

- Automatic Setup
- Force System Setup
- Do NOT Perform Setup

Use Extended Program :

- Simulation

System Screen

Setup CFG file :

- English
- Japanese
- Selection

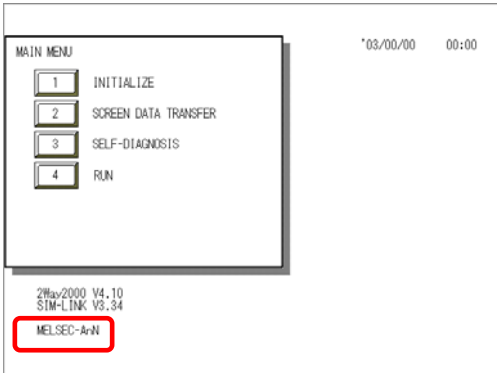
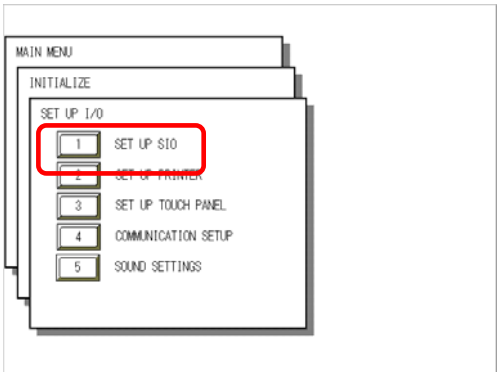
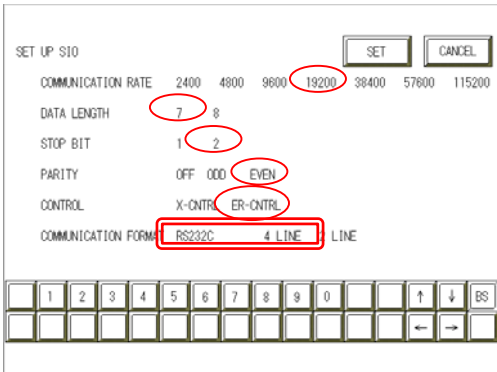
C:\Program Files\pro-face\ProPBWin\protocol\ Browse...

OK Cancel Help

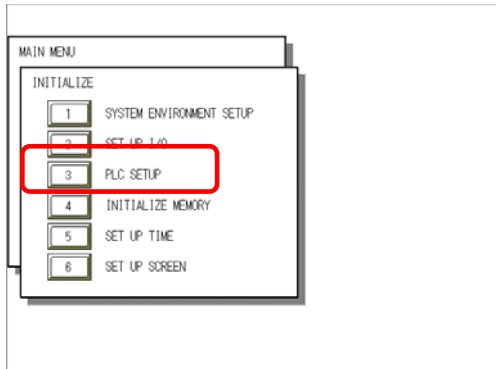
3) Transfer Settings GP System Settings: Checked

Transfer to GP after settings completed.

2 [GP Settings]

<p>1) Checking GP Type</p> 	<p>1) Checking GP Type</p> <p>If you have selected Mitsubishi MELSEC-AnN (LINK), the following will be shown.</p> <p>“MELSEC-AnN”</p>
<p>2) Communication Settings</p> 	<p>2) Communication Settings</p> <p>[MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]</p>
	<p>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</p> <p>* Select one in <input type="text"/> .</p>

3) Setting up Operation Surroundings

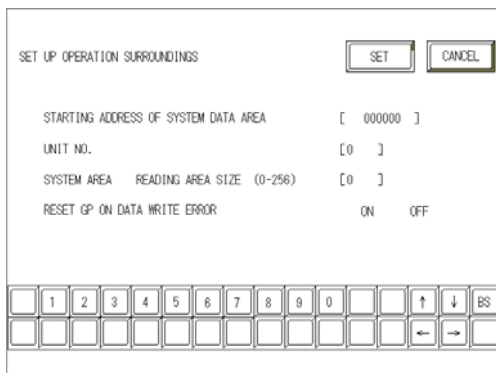


3) Setting up Operation Surroundings

[MAIN MENU]
 ↓
 [INITIALIZE]
 ↓
 [PLC SETUP]
 ↓
 [PLC SETUP]



SET UP OPERATION SURROUNDINGS MENU:
 1:1

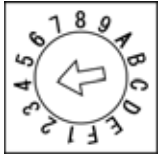
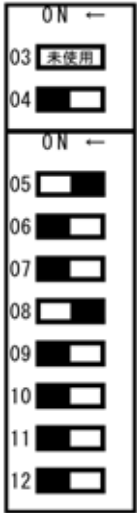


Starting Address of System Data Area:
 Arbitrary Address
 Unit No.: 0

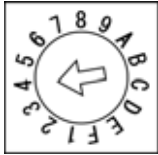

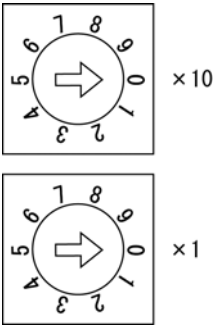
Communication Settings [PLC]

1. RS-232C Connection

1-1 [Connecting via Computer Link Unit A1SJ71C24-R2 / A1SJ71UC24-R2]


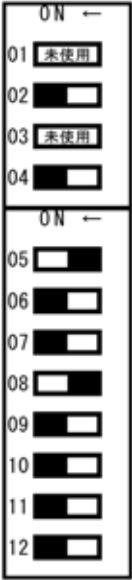
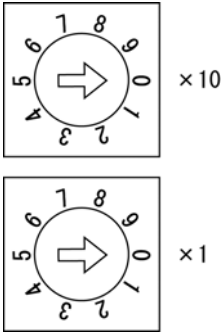
<p>1) Mode Setup</p> <p>MODE </p>	<p>1) Mode Setup</p> <p>4 (Format 4 Protocol)</p>
<p>2) Communication Settings</p> <p>Set switches to the black.</p> 	<p>2) Communication Settings</p> <p>Baud Rate :19200bps</p> <p>Data Bit :7 Bits</p> <p>Stop Bit :2 Bits</p> <p>Parity Check :Yes</p> <p>Parity Setting Even/Odd :Even</p> <p>Write Possible in RUN Mode: Possible</p> <p>Sum Check :Yes</p>

1-2 [Connecting via Computer Link Unit A2CCPU24 on CPU Unit]

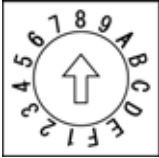
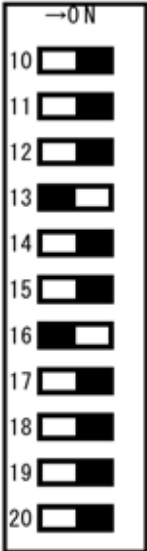
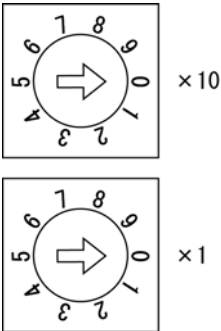
<p>1) <u>Mode Setup</u></p> <p>MODE</p> 	<p>1) <u>Mode Setup</u></p> <p>4 (Format 4 Protocol)</p>
<p>2) <u>Communication Settings</u></p> <p><u>Set switches to the black.</u></p> 	<p>2) <u>Communication Settings</u></p> <p>Baud Rate :19200bps Data Bit :7 Bits Stop Bit :2 Bits Parity Check :Yes Parity Setting Even/Odd :Even Write Possible in RUN Mode: Possible Sum Check :Yes</p>
<p>3) <u>Node Settings</u></p> <p>STATION NO .</p> 	<p><u>UUUUUU3) Node Settings</u></p> <p>Station Number: 0</p>

2. RS-422 Connection

2-1 [Connecting via Computer Link Unit A1SJ71C24-R4 / A1SJ71UC24-R4]

<p><u>1) Mode Setup</u></p> <p>MODE</p> 	<p><u>1) Mode Setup</u></p> <p>8 (Format 4 Protocol)</p>
<p><u>2) Communication Settings</u></p> <p>Set switches to the black.</p> 	<p><u>2) Communication Settings</u></p> <p>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</p>
<p><u>3) Node Settings</u></p> <p>STATION NO .</p> 	<p><u>3) Node Settings</u></p> <p>Station Number: 0</p>

2-2 [Connecting via Computer Link Unit AOJ2-C214-S1]

<p>1) <u>Mode Setup</u></p> <p>MODE </p>	<p>1) <u>Mode Setup</u></p> <p>8 (Format 4 Protocol)</p>
<p>2) <u>Communication Settings</u></p> <p><u>Set switches to the black.</u></p> 	<p>2) <u>Communication Settings</u></p> <p>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</p>
<p>3) <u>Node Settings</u></p> <p>STATION NO .</p> 	<p>3) <u>Node Settings</u></p> <p>Station Number: 0</p>