Mitsubishi <6> Mitsubishi Electric Corporation
A Series (AnN/AnS) CPU Direct Connection

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.

MITSUBISHI MELSEC AnN (CPU

Communication Setting Sample

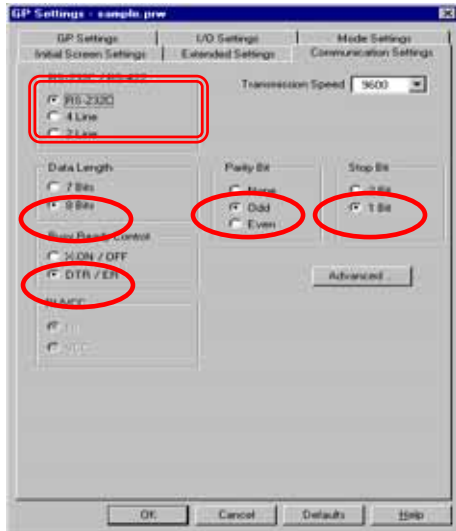| GP Setup		PLC Settings
Baud Rate	9600 bps (fixed)	---
Data Length	8 bit (fixed)	---
Stop Bit	1 bit (fixed)	---
Parity Bit	Odd (fixed)	---
Data Flow Control	ER Control	---
Communication Format [1] *1 (RS-232C)	RS-232C	---
Communication Format (RS-422)	4-wire type	---
Unit No.	0 (fixed)	---

*1 For Communication Format, select RS-232C when using GP430-IP10-O, or select 4-wire type cable when using another cable.

Communication Settings [GP]

[GP-PRO/PB   C-Package Setting]

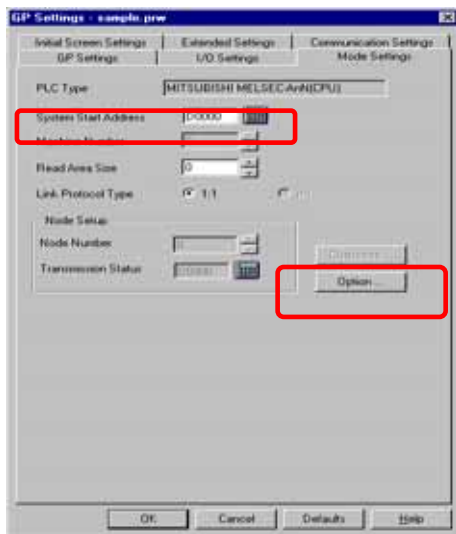Select [GP Setup] on Project Manager.

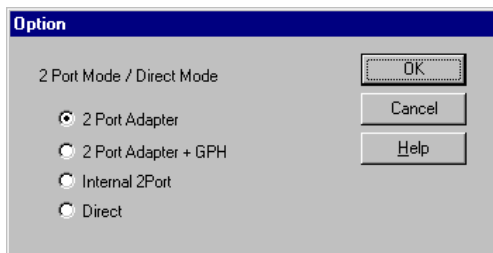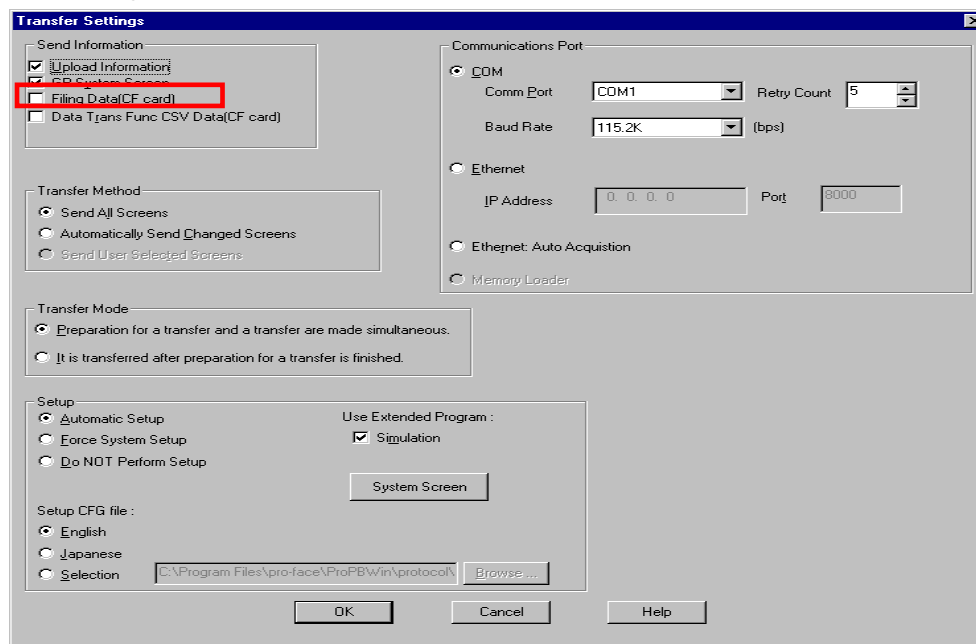| 1) Communication Settings	1) Communication Settings

	Transmission Speed : 9600bps
	Data Length : 8 Bits
	Stop Bit: 1 Bit
	Parity Bit: Odd
	Busy Ready Control : DTR / ER
	RS-232C/ RS-422 :
	    GP430-IP10-O : RS-232C
	    Other Cable: 4 Line
	
	 * Select one in ⬚ .

2) Mode Settings	2) Mode Settings
	System Start Address: Arbitrary Address Select [Option…].
3) 2-Port Mode/Direct Mode Settings	3) 2-Port Mode/Direct Mode Settings

	Using GP430-IP10-O or User-Created Cable:
	                           Direct
	Using 2-Port Adapter : 2-Port Adapter
	Using Internal 2-Port Feature:
	
	                                 Internal 2-Port

![Pro-face logo]

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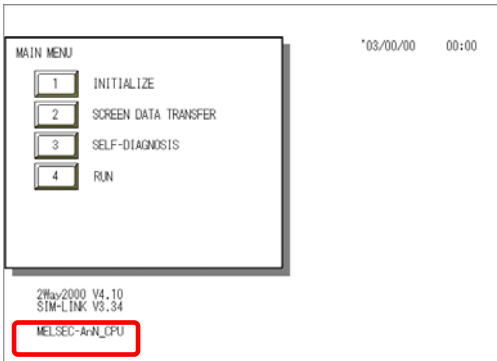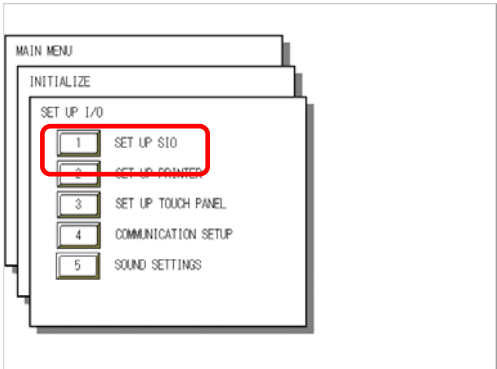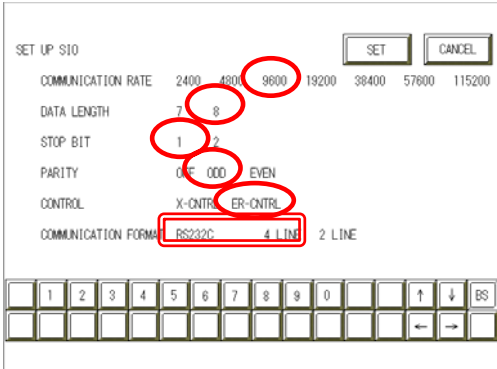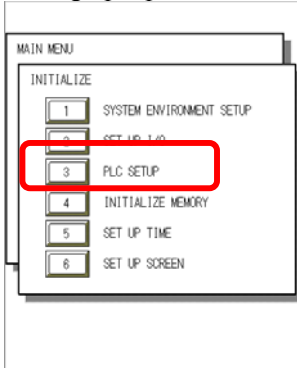
4) Transfer Settings

4) Transfer Settings   GP System Settings: Checked

Transfer to GP after settings completed.

2 [GP Settings]

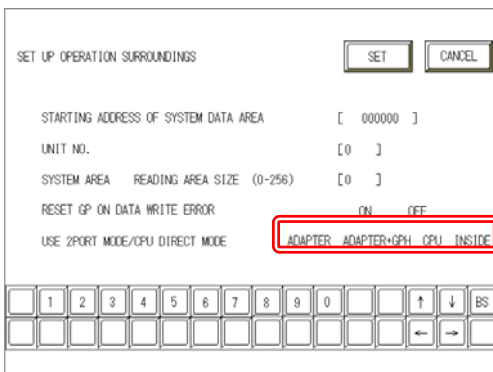| 1) Checking GP Type	1) Checking GP Type
	If you have selected Mitsubishi MELSEC-AnN (CPU), the following will be shown. "MELSEC-AnN_CPU"
2) Communication Settings 	2) Communication Settings [MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]

	Communication Rate: 9600bps
	Data Length: 8 Bits
	Stop Bit: 1 Bit
	Parity: Odd
	Control: ER Cntrl
	Communication Format
	  Using GP430-IP10-O: RS-232C
	  Using other cable: 4 Line
	
	* Select one in ☐ .

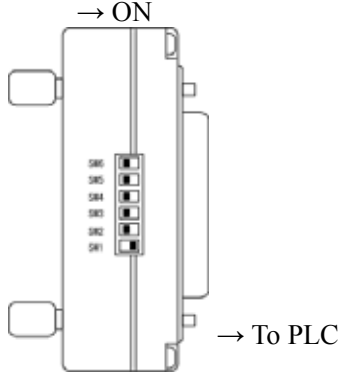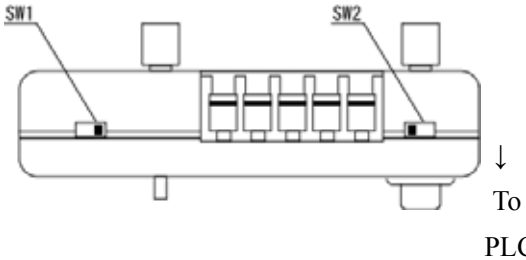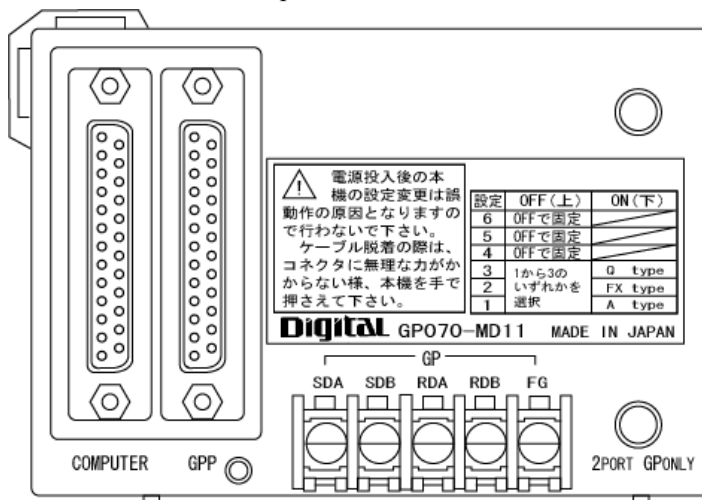| 3) Setting up Operation Surroundings	3) Setting up Operation Surroundings
MAIN MENU INITIALIZE 1 SYSTEM ENVIRONMENT SETUP 2 SET UP I/O **3 PLC SETUP** 4 INITIALIZE MEMORY 5 SET UP TIME 6 SET UP SCREEN	[MAIN MENU] ↓ [INITIALIZE] ↓ [PLC SETUP] ↓ [PLC SETUP]

SET UP OPERATION SURROUNDINGS [SET] [CANCEL]
 	
STARTING ADDRESS OF SYSTEM DATA AREA [000000]
UNIT NO. [0]
SYSTEM AREA READING AREA SIZE (0-256) [0]
RESET GP ON DATA WRITE ERROR ON OFF
USE 2PORT MODE/CPU DIRECT MODE ADAPTER ADAPTER+GPH CPU INSIDE
 	
1 2 3 4 5 6 7 8 9 0 ↑ ↓ BS
← →
	Starting Address of System Data Area:
	    Arbitrary Address
	Unit No.: 0
	Use 2-Port Mode/CPU Direct Mode
	  GP430-IP11-O Cable/User-Created Cable:
	    CPU
	  2-Port Adapter : Adapter
	  Internal 2-Port Adapter: Inside
	
	 * Select one in ⬚.

3 [2-Port Adapter Settings]

1) PLC Type Settings	1) PLC Type Settings
→ ON → To PLC	SW 6: OFF SW 5: OFF SW 4: OFF SW 3: OFF SW 2: OFF SW 1: ON

2) Device/PLC Settings
 	
↓
To
PLC
	2) Device/PLC Settings
	
	SW 1: Connecting Peripheral Device
	    RS-422 Cable: Right (GPP)
	    RS-232C Cable : Left (COMPUTER)
	SW 2: Setting to connect any peripheral
	        devices
	    GP Only (No Peripheral Device):
	                Right (GP ONLY)
	    GP and Peripheral Device:
	                Left (2-Port)

<Reference> 2-Port Adapter

Communication Settings [PLC]

There are no items to set on the PLC.