Mitsubishi <13> Mitsubishi Electric Corporation
PLC Q Series (Q Mode) CPU Direct Connection

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.

Communication Setting Sample

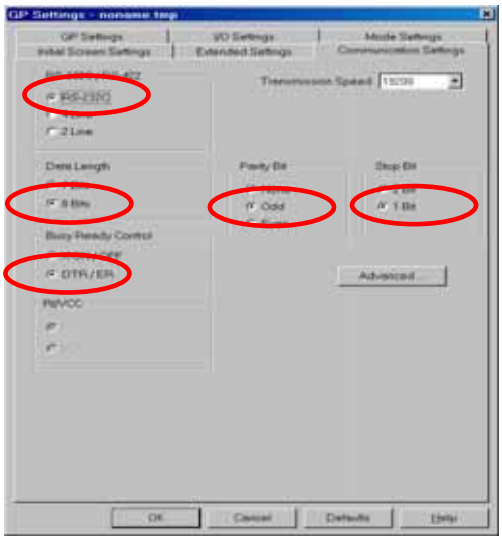
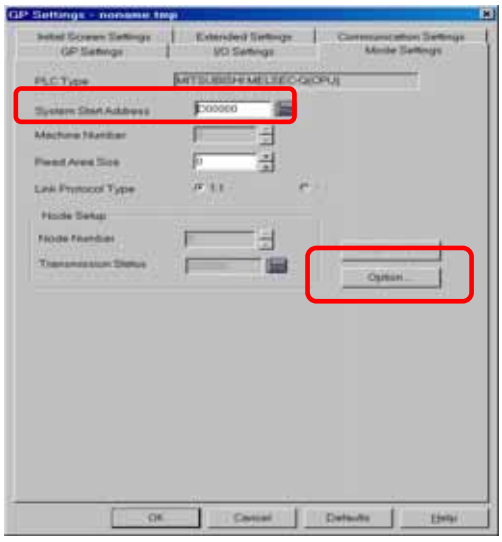
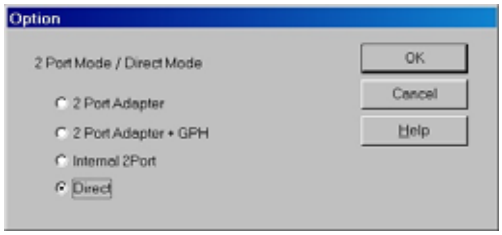
GP Setup		PLC Settings
Baud Rate	19200 bps	———
Data Length	8bit (fixed)	———
Stop Bit	1bit (fixed)	———
Parity Bit	Odd (fixed)	———
Data Flow Control	ER Control (fixed)	———
Communication Format	RS-232C (fixed)	———
Unit No.	0 (fixed)	———

NOTE The range of data transmission speed is from 9,600bps to 15,200bps. However, the maximum speed available with GP70 series units (except for GP series) is 38,400bps.

Communication Settings [GP]

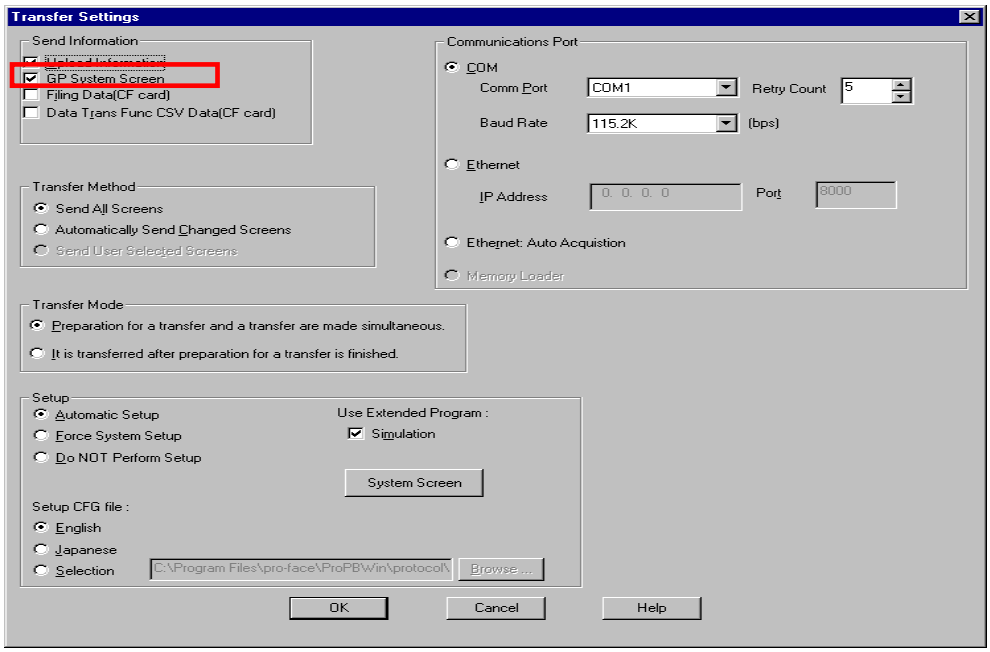
1 [GP-PRO/PBIII C-Package Setting]

Select [GP Setup] on Project Manager.

1) Communication Settings 	1) Communication Settings Transmission Speed : 19200bps Data Length : 8 Bits Stop Bit: 1 Bit Parity Bit: Odd Busy Ready Control : DTR / ER RS-232C/ RS-422 : RS-232C NOTE The range of data transmission speed is from 9,600bps to 15,200pbs. However, the maximum speed available with GP70 series units (except for GP series) is 38,400 bps.
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 Connecting CPU Directly: Direct Using Internal 2-Port Adapter: Internal 2-Port Caution The 2-Port Adapter II cannot be used.

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

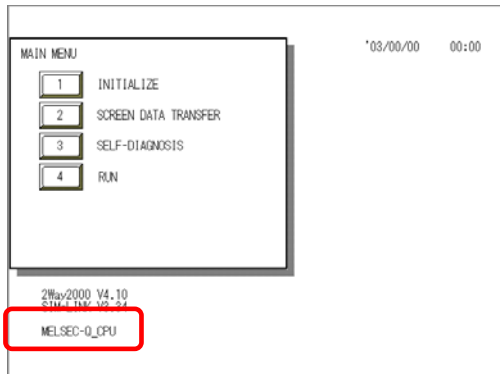
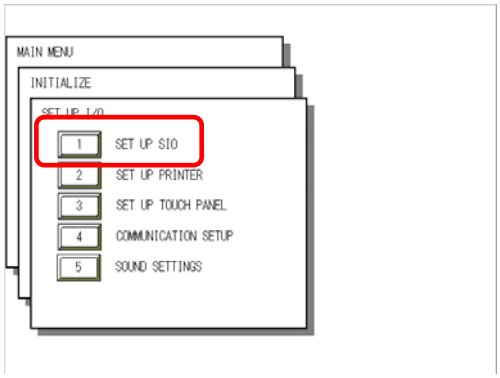
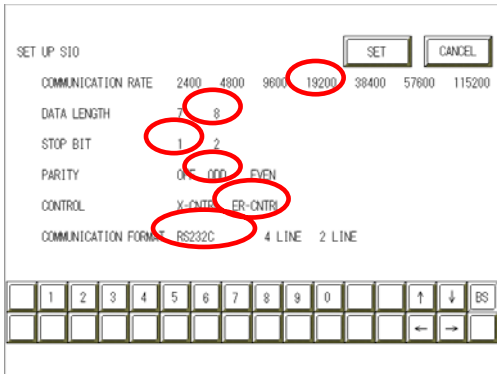
4) Transfer Settings

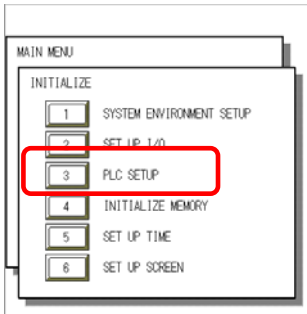
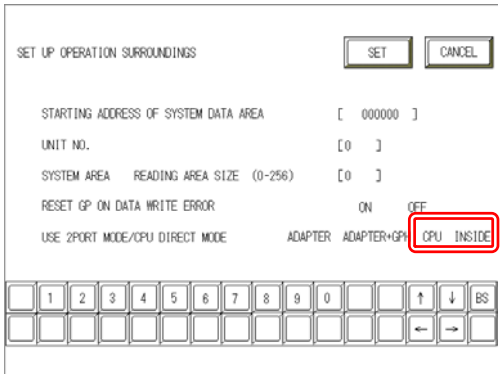


4) Transfer Settings GP System Settings: Checked

Transfer to GP after settings completed.

2 [GP Settings]

1) Checking GP Type 	1) Checking GP Type If you have selected Mitsubishi MELSEC-Q (CPU), the following will be shown. "MELSEC-Q_CPU"
2) Communication Settings 	2) Communication Settings [MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]
	Communication Rate: 19200bps Data Length: 8 Bits Stop Bit: 1Bit Parity: Odd Control: ER Cntrl Communication Format: RS-232C

3) Setting up Operation Surroundings	3) Setting up Operation Surroundings
	[MAIN MENU] ↓ [INITIALIZE] ↓ [PLC SETUP] ↓ [PLC SETUP]
	Starting Address of System Data Area: Arbitrary Address Unit No. : 0 Use 2-Port Mode/CPU Direct Mode Connecting CPU Directly: CPU Using Internal 2-Port Adapter: Inside The 2-Port Adapter II cannot be used. * Select one in [ ] .

Communication Settings [PLC]

1 [Using Direct Connection / Internal 2-Port Feature]

There are no items to set on the PLC.

Caution

The transmission speed is changed automatically depending on the GP settings. (9600bps - 115.2kbps)
Other settings excepting for the transmission speed are fixed (not changeable).