

# <u>Mitsubishi <3> Mitsubishi Electric PLC</u> <u>[A series (AnA, AnU, AnUS, AnUSH) CPU Direct]</u> Connection Method]

### Select PLC type

When creating a project file, select the following PLC type.

GP Schup   Project   Legic Program   Editor   Transfor   New   Editor   Transfor   E Screen   Maniter   Secusion		Sononame.tmp: Unititled - Project Manager Project Screen/Setup Control Utility Heb		
GP Sotup         Project       Legic Program         New       Image: Editor         Transfer         Open       Manitor         Image: Alerrm       Servealue         Seculation	GP Sotup Regis Program Copen	GPPRO/PBIL O-Package03		
	Carlos Contraction	GP Sotup Project Legic Program Editor Transfer New Cit Screen Statem Project Legic Program Editor Transfer New Cit Screen Statem Nanitar Screen Statem		

### System Setting Example

GP s	settings	PLC settings
Transmission	9600bps (fixed)	
Data length	8bits (fixed)	
Stop bit	1bit (fixed)	
Parity bit	Odd (fixed)	
Busy Ready Control	ER	
Communication method (when using RS-232C)*1	RS-232	
Communication method (when using RS-422)	4-wire type	
Unit No.	0 (fixed)	

\*1 Communication type: When using GP430-IP10-O Cable : select RS-232C

When using other cables : select 4-wire type



# System Setting [GP]

1 [Setting up by GP-PRO/PBIII GPackage]

"GP Setup" is chosen from a project manager screen.

Communication Settings	Communication Settings
GP Settings - noname.tmp       X         GP Settings       I/O Settings       Mode Settings         Initial Screen Settings       Extended Settings       Communication Settings         RS-232C / RS-422       Transmission Speed       9600         Image: Step Bit       Parity Bit       Step Bit         Outa Length       Parity Bit       2 Bit         Image: Step Bit       Image: Step Bit       3 Step Bit     <	Transmission Speed       :9600bps         Data length       :8 bits         Stop bit       :1 bit         Parity bit       :Odd         Busy Ready Control       :ER         Communication Format       GP430-IP10-O         GP430-IP10-O       use       :RS-232C         Other use       : 4-wire type         *For
Mode Settings	Mode Settings
CP Settings - noname.tmp         Initial Screen Settings       Extended Settings       Communication Settings         GP Settings       I/O Settings       Mode Settings         PLC Type       MITSUBISHIMELSEC.AnNICPUI         System Start Address       D0000         Machine Number       Image: Communication Settings         Link Protocol Type       Image: Communication Settings         Link Protocol Type       Image: Communication Settings         Node Setup       Image: Communication Settings         Node Number       Image: Communication Settings         Communication Status       Image: Communication Status	System Start Address : optional address Machine Number: 0 Select [Option].
Mode Settings for 2-Port Feature/Direct	Mode Settings for 2-Port Feature/Direct
Option     2 Port Mode / Direct Mode     0K       © 2 Port Adapter     Cancel       © 2 Port Adapter + GPH     Help       © Internal 2Port     Direct	When using GP430-IP10-O/home-made cable : Direct When using 2-Port Adapter : 2 Port Adapter When using built-in 2-Port Adapter Feature : Built-in 2-Port Feature



Transfer Settings     X       Sind Monation     P       P     Upbat Monation       P     Commissions Plot       P     Commissions Plot       P     Com Post       Com Post     Com I       Rest Data     Bacd Rate       Thanker Method     P       P     Stand Al Source       C     demonst Source       P     Address	GP System Screen: checked
C Eternet     PAddeers     O 0.0.0     Pot     0000     O	
Assurational User Selected Screene     C Senet Last Acquisition     C Memory Loss     C Memory Loss     C Memory Loss	
It is transferred after proposition for a transfer is finished      Solup     C Advantatio Setup     C Food System Setup     Do NOT Perform Setup     System Screen     Subject 8 file:     System Screen     Subject 8 file:     Japanete     Japanete     C VProgram File/Pio Soci Pio/FBVMn C Poodg     Bonese.      OK     Cancel     Help	

After the settings are completed, transfer them to GP.

2 [Settings via GP]

- Display Setting Screen -

Within 10 seconds after the power supply turns on, push the upper left corner of the screen. Otherwise, push the upper right corner with the right below corner of the screen pushed. In that condition, push the left below corner, and the menu bar will display on the below part of the screen. Touch [Offline].

Confirm GP type	Confirm GP type
MAIN MENU V3.50c I INITIALIZE (V6.22) SCREEN DATA TRANSFER SELF-COADNOSIS A RUN 20000 V4.10 SIV-LINK V3.34 MELSEC-4v4_CPU	When you select Mitsubishi Electric MELSEC-AnA (CPU), the following display appears. [MELSEC-AnA_CPU]
System Settings	System Settings
	[Main Menu]
	[Initialize]
2 SET LP SET	[I/O Settings]
3 SET UP TOUCH PANEL 4 OCMMUNICATION SETUP	[System Settings]
L	

Pro-face<sup>®</sup>Connecting PLC Mitsubishi<3>A(AnA, AnU, AnUS, AnUSH)CPU

SET UP 680         SET         CANCEL           OCMMUNICATION RATE         2400         4800         6000         19200         88400         57800         115200           DATA LENGTH         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         86         7         8         9         7         4         7         8	Communication Rate : 9600bpsData length:8 bitsStop bit:1bitParity bit:OddData Flow Control:ER ControlCommunication FormatWhen using GP430-IP10-O : RS-232COther use: 4-wire type*Forselect the desired one
Set Up Operation Surroundings	Set Up Operation Surroundings
1 SYSTEMENMEROMENT BETUP 2 SET UP IXO 3 FLC SETUP 4 INITIALIZE MEMORY 5 SET UP TIME 6 SET UP SOFIEEN	[Main Menu] [Initialize] [PLC SETUP ] [PLC SETUP]
SET UP OPERATION SURROUNDINGS STAFTING ADDRESS OF SYSTEM DATA AREA [ D00000 ] UNIT NO. (D ) SYSTEM AREA READING AREA SIZE (0-256) (D ] RESET OP ON DATA WRITE EPROR USE 2PORT MODE/CPU DRECT MCO ADAPTER CPU INSIDE 1 2 3 4 5 6 7 8 9 0 1 4 85 1 2 3 4 5 6 7 8 9 0 1 4 85	System Area Start Address : Optional Address Unit No. : 0 2-Port Feature Mode When using GP430-IP10-O /home-made cable : Direct When using 2-Port Adapter II : Adapter When using built-in 2-Port Feature : Built-in *For select the desired one.

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3 [2-Port Adapter II Settings]



<Reference> Appearance of 2-Port Adapter II



### System Settings [PLC]

No settings are required on the PLC side.