Chapter. 2　PMU MASTER Setup and Functions

```
┌─────────────────────┐                              ┌─────────────────────┐
│   PMU-200/300       │ ◄──────────────────────► │   Project Manager   │
│                     │                              │                     │
│   PMU-600           │       [ *.Prj Transfer ]     │      [ *.Prj ]      │
└─────────────────────┘                              └─────────────────────┘
                                                                ▲
◄───────────────────────────────────────────────────────────────┘
   ▲              ▲              ▲              ▲              ▲
┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐
│ Main     │  │ Symbol   │  │ Message  │  │ Alarm    │  │ Link     │
│ Screen   │  │ Editor   │  │ Editor   │  │ Editor   │  │ Editor   │
│ Editor   │  │[ *.Sym ] │  │[ *.Msg ] │  │[ *.Alm ] │  │[ *.Lnk ] │
│[ *. Scr ]│  └──────────┘  └──────────┘  └──────────┘  └──────────┘
└──────────┘
   ▲
┌──────────┐
│ Sub      │
│ Screen   │
│ Editor   │
│[ *.Sub ] │
└──────────┘
```
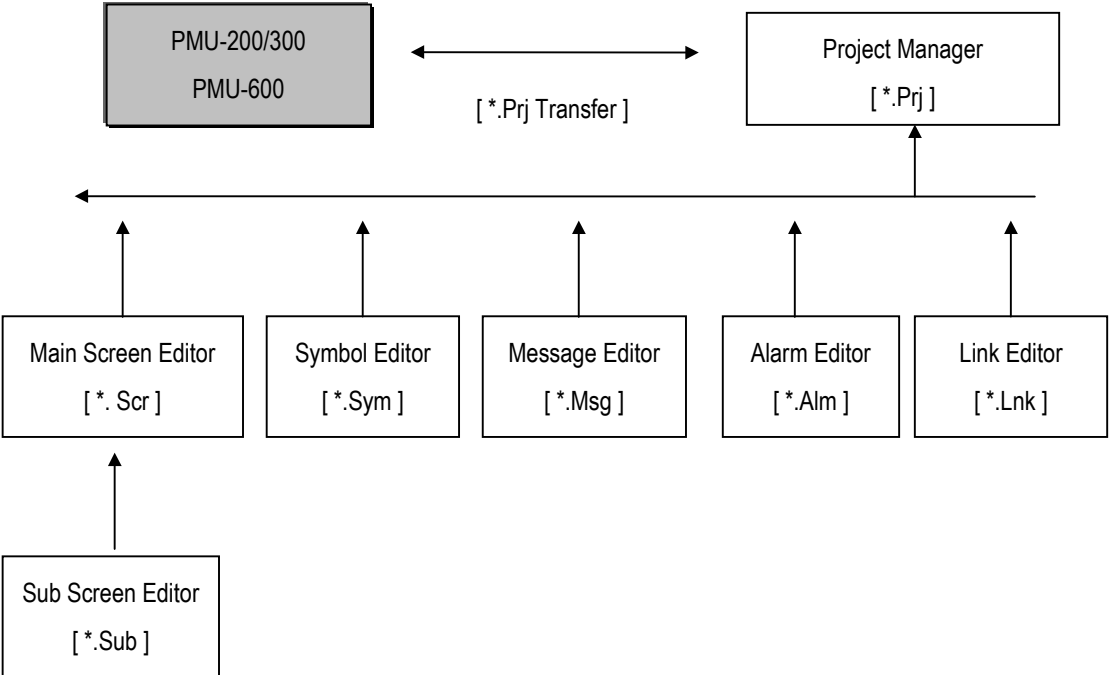
2-1. PMU Series System Structure and Equipment Summery

2-1-1. System Structure

PMU-MASTER   PC (IBM-PC/AT Compatible)   Printer

PMU - 200

PMU - 300

PMU - 600
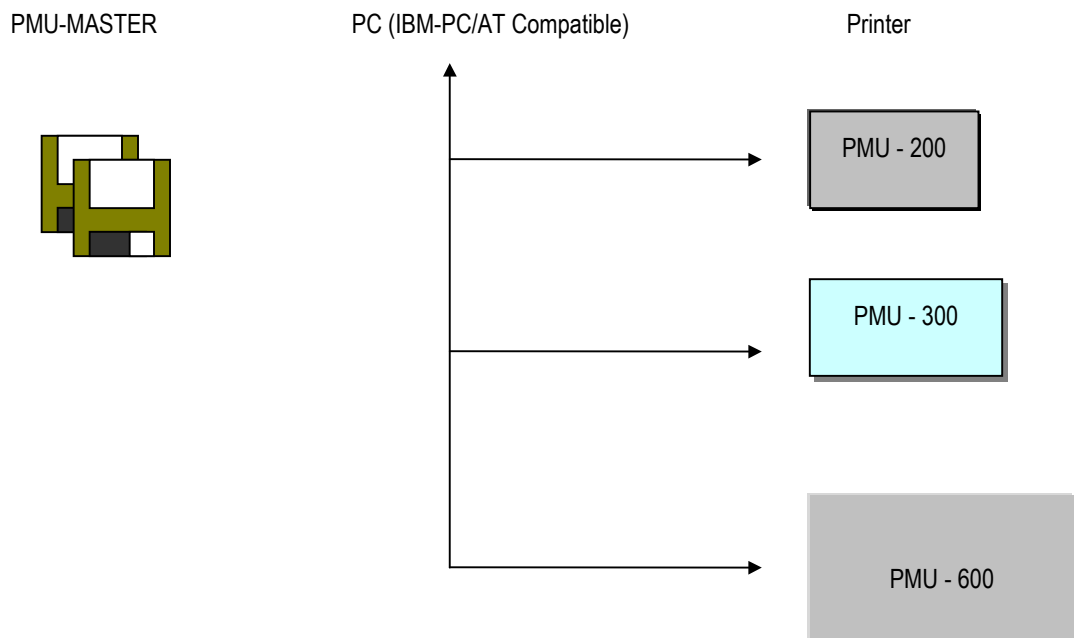
2-1-2. System Structure Equipment Summary

Type	Option module	CONTENTS
PMU-200 Series	PMO-200S	Serial Communication Module Option Module for Serial Communication Function of PMU200 Series
	PMO-200D	DLU Communication Module Option Module for DLU Communication Function of PMU200 Series
PMU-300ET PMU-300BT PMU-300LT	PMO-300S	Serial Communication Module Option Module for Serial Communication Function of PMU300
	PMO-300D	DLU Communication Module Option Module for DLU Communication Function of PMU300
PMU-600TT PMU-600CT PMU-600ET	PMO-600S	Serial Communication Module Option Module for Serial Communication Function of PMU560
	PMO-600D	DLU Communication Module Option Module for Serial Communication Function for PMU600
	PMO-600F	Fnet Communication Module Option Module for Fnet Communication Function of PMU600
	PMO-600T	T-LINK Communication Module Option Module for T-LINK Communication Function of PMU600 Series
PMU Supplements	PMU MASTER	Package ■ Communication Cable(PMU <-> PC) ■ 3.5 Inch Diskette (PMU MASTER Software) ■ PMU MASTER Software Operational Manual
	PMC-650S	5m Communication Cable for PMU MASTER (PMU Series <--> PC)

2-2. PMU MASTER Screen Menu and Contents

2-2-1. Project Manager

Project Manager has a function that groups the main screen (*.scr), sub screen (*.sub),
message (*.msg), alarm (*.alm), link (*.lnk) files into one file (*.prj) and down loads the file
to the main machine.   (It also has the Up Load function to the PC)

<u>Key</u>

A: Beginning, when both the Screen Editor and the Project File Windows is not opened.

B: When Screen Editor Windows is opened and the focus is on Screen Editor.

C: When the project file window is opened and the focus is on the Project file window.

MENU	MENU CONTENTS
File	A: Open Screen Editor, Open Project File, Exit, Change PMU Type B: Open Screen Editor, Open Project File, Create project file, Exit, Change PMU Type C: Open Screen Editor, Open Project File, Save as…, Extract Project File, Exit Change PMU Type
Edit	B: Select File, Select All, Undo, Cancel All, Add File C: Delete File, Add File
View	B: View File, File Information, Refresh C: View Project File, Project File Information

Communication	A: Receive Project File, Send Link File, Send Link File, Receive alarm file
	         Select Communication Port
	
	 B: Receive Project File, Send Link File, Send Link File, Receive alarm file
	         Select Communication Port
	
	 C: Send Project File, Receive Project File, Send Link File, Receive Link File,
	         Receive alarm file, Select Communication Port

Edit	Select Screen, Symbol, Message, Alarm Editors and Link Editor
Window	Cascade, Tile, Arrange Icon, Close All
Help	Help Related to the Corresponding Menu and Functions

2-2-2. Screen Editor

While PMU is in operation, the function allows user to create and edit the main screen, and call the

Sub-screen to create and edit. The screen editor allows user to create and edit the main screen and

call sub-screen.

MENU	MENU CONTENTS
File	New File, Open, Save, Save as…, Print, Exit
Draw (Main/Sub Screen)	Line, Polyline, Rectangle, Circle, Oval, Painted Rectangle, Arc, Pie, Paint, Text, Clock, Call Sub Screen, Call Symbol,
Edit	Undo, Copy, Delete, Delete All, Change Attribute, Redraw, Modify Text, Bring to forth, Send to back, Copy onto Clipboard, Paste onto Clipboard, Align, Grid, Show Name
Tag Edit	Change, Delete, Move, Copy
Tag Enter	PMU-200 Series -Main Screen: Numeric, Symbol, Auxiliary, Level Graph, Buffer Write, Message, Lamp, Delay, Operation, Function Key, Comments display -Sub Screen: Key Display PMU-300 Series -Main Screen: Numeric, Touch, Function Key, Buffer Write, Auxiliary, Window, Symbol, Block, Delay, Operation, Message, Precision Adjust, Move, Territory Move, Pie Graph, Statistic Graph, Level Graph, Trend Graph, Lamp, String (With the Exception of Key and Key Display Tag) -Sub Screen: Numeric, Touch, Function Key, Buffer Write, Delay, Precision Adjust, Pie Graph, Statistic Graph, Level Graph, Trend Graph, Lamp, String, Key, Key Display (With the Exception of Auxiliary, Symbol, Move, Territory Move, Window Tag)

MENU	MENU CONTENTS

Tag Enter	PMU-600 Series
	
	    -Main Screen: Numeric, Touch, Function Key, Buffer Write, Auxiliary, Window, Symbol, Block, Delay, Operation, Message, Precision Adjust, Move, Territory Move, Pie Graph, Statistic Graph, Level Graph, Trend Graph, Lamp, String (With the Exception of Key and Key Indicator Tag)
	
	    -Sub Screen: Numeric, Touch, Function Key, Buffer Write, Delay, Operation, Precision Adjust, Pie Graph, Statistical Graph, Level Graph, Trend Graph, Lamp, String, Key, Key Display (With the Exception of Auxiliary, Symbol, Move, Territory Move, Window Tag)

Other	Sub Screen Editor, Tag List, Screen List, Simulation, Project Manager, Symbol Editor, Alarm Editor, Message Editor, Link Editor

2-2-3. Message Editor

It has the function of creating and editing the message file that has the characters when in operation.

MENU	MENU CONTENTS
File	New File, Open, Save as …, Print, Exit
Edit	Add , Modify, Delete, Cancel Selection
Search	Search Number, Search String, Continue

2-2-4. Symbol Editor

It has the function of creating and editing symbols used in the standard bit map data.

MENU	MENU CONTENTS
File	New File, Open, Save, Save as…, Print, Exit
Draw	Pen, Line, Rectangle, Painted Rectangle, Oval, Painted Oval, Eraser
Edit	Undo, Move, Copy, Reverse
Adjust Screen	Delete All, Color All, Reverse All, Open Bitmap File
Zoom Screen	Zoom In, Zoom Out

2-2-5. Alarm Editor

It has the function of creating and editing the alarm message that appears as alarm conditions on
screen when in operation.

MENU	MENU CONTENTS
File	New File, Open File, Save, Save as ..., Print, Exit
Edit	Add , Modify, Delete, Select
Search	Search Number, Search String, Continue

2-2-6. Link Editor

While communicating with the PLC, it has the function of selecting the communication method
and communication related parameters.

MENU	MENU CONTENTS
File	Open, Save, Save as ..., Exit

Link Select	PMU-200/300
	
	  Serial Link, Data Link, and User defined
	
	PMU-600
	
	  Serial Link, Data Link, GLOFA Fnet, T-Link, and Non-protocol, 1:N Local,
	
	  1:N Master