1. Rear Connectors

- LAN (for MU connection)
- FAN
- AC IN
- Ground Terminal
- AC cord retaining clip anchor hole
- GPI connectors for FA-AUX30 option connection

2. Installing the AC Cord Retaining Clip

After connecting the AC cord, secure the AC cord with the supplied ladder strap/retaining clip assembly to prevent accidental removal from the unit.

3. Connection (in case of FA-1010)

- FA-1010
- FA-10RU
- Hub
- Windows GUI
- PC
- GPI connectors
- AC cord retaining clip
- Rack mount bracket set
- AC cord (1), AC cord retaining clip (1 set), Rack mount bracket set (1 set), Front Panel Light Identification Label

4. Powering ON

Turn the power ON after all system connections are complete. The indicators on the front panel light up during startup. When startup is complete, the indicators will go off.

- GPI switches
- FAN
- AC IN
- Lock
- MU SEL
- FS SEL
- EVENT
- GENLOCK
- FAN ALARM
- FREEZE
- POWER
- TEST SIGNAL
- CLIP
- CP
- OUT
- DELEY
- STATUS
- BY-PASS
- MAP
- OPTI
- VIDEO
- AUDIO
- IN
- OUT
- SELECT

Check your received items against the packing lists. Check to ensure no damage has occurred during shipment. If damage has occurred, or items are missing, inform your supplier immediately.

4. Connecting MU

There are two ways to connect to the MU; one is in Unit ID Selection mode, which allows you to connect an MU by selecting an ID from among 100 ID numbers, and the other is in IP Address Selection mode, which allows you to connect an MU by specifying an IP address.

5. Connecting in Unit ID Selection Mode

Pressing the MU SEL button opens the UNIT ID MU SELECT menu.

- UNIT ID MU SELECT
- 001
- F1 Main unit ID: 1
- IP Address: 192.168.10.100
- Port: 50010
- Name: FA-1010
- Push F3 Unity SW Connect to Main unit
- Push F4 Unity SW Cancel

Press F4 Unity SW Cancel
- Push F3 Unity SW Connect to Main unit
- Push F4 Unity SW Cancel

To quit the selection, press the UNITY button under F3 (CANCEL). Cancelling the connection returns the settings to their last state before change.

To select the MU, press the UNIT ID button under F3 (CANCEL). The MU CONNECT STATUS menu appears when connection is initiated.

6. Connecting in IP Address Selection Mode

Pressing the MU SEL button. The UNIT ID SEL menu appears. Then, press the double down arrow button. The IP ADDRESS MU SELECT menu appears.

- UNIT ID MU SELECT
- 001
- F1 Main unit ID: 1
- IP Address: 192.168.10.100
- Port: 50010
- NAME: FA-1010
- Push F3 Unity SW Connect to Main unit
- Push F4 Unity SW Cancel

Enter the IP address of the MU to be connected using control knobs F1 to F4. Go to the second line to specify the MU TCP port number using F1 and F2 (F1 and F2 can change the number in 100’s and 1’s increments respectively.)

Press the UNITY button under F3 to establish connection with the MU. The MU CONNECT STATUS menu will then appear.

To cancel the selection, press the UNITY button under F4 (CANCEL). Cancelling the connection returns the settings to their last state before change.
6. Connecting to an FA-AUX30

Connect GPI connectors on the FA-10RU and FA-AUX30 using cables supplied with the FA-AUX30.

7. Assigning Functions to FA-AUX30 Buttons Using Preset Assignment Patterns

No functions are pre-assigned to buttons 1 through 30 at shipment. Preset patterns allow you to assign functions to buttons 1 through 30 simultaneously. Press the MU SELECT button on the FA-AUX30 front panel, then press 10 SYSTEM (while the button is lit red) to open the LOAD GPI PATTERN menu.

Functions can be assigned in 10 button-units under GPI 1 BLOCK, GPI 2 BLOCK, and GPI 3 BLOCK by selecting patterns using corresponding control knobs F1 to F3. Press the F4 UNITY button to load the selected pattern.

◆ Preset Patterns

The following 33 patterns are available. Select "---" not to change. Select "None" for no function.

<table>
<thead>
<tr>
<th>GPI 1 BLOCK</th>
<th>GPI 2 BLOCK</th>
<th>GPI 3 BLOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1 Port: GPI PORT 1 (FA-AUX30 Right Block)</td>
<td>Setting: None</td>
<td>Setting: None</td>
</tr>
<tr>
<td>F2 Port: GPI PORT 2 (FA-AUX30 Left Block)</td>
<td>Setting: None</td>
<td>Setting: None</td>
</tr>
</tbody>
</table>

8. Customizing Button Functions

GPI INPUT PORT FUNCTION

Proceed to the next menu page (P822) from LOAD GPI PATTERN using the double down-arrow button to customize functions for each button.

1. Turn F1 and select a port number from GPI 1 through 30.

--- GPI INPUT PORT FUNCTION ---

<table>
<thead>
<tr>
<th>Setting 1: None</th>
<th>Setting 2: None</th>
<th>Setting 3: None</th>
<th>Setting 4: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1 Port: GPI PORT 1 (FA-AUX30 Right Block)</td>
<td>Setting 1: None</td>
<td>Setting 2: None</td>
<td>Setting 3: None</td>
</tr>
<tr>
<td>F2 Port: GPI PORT 2 (FA-AUX30 Left Block)</td>
<td>Setting 1: None</td>
<td>Setting 2: None</td>
<td>Setting 3: None</td>
</tr>
</tbody>
</table>

2. Press the down-arrow button for F1, F2, F3 and F4 to be displayed to the left of Setting 1 – 4.

Selecting a function under Setting 1 enables corresponding settings under Setting 2 – 4. Selectable settings under Setting 1 and their corresponding settings are shown in the table to the right.

3. Pressing the up-arrow button enables you to select the next port to set settings.

Set functions for each port by repeating steps 1 and 2.

<Setting 1-4 List>

See "Setting 1-4" in the FA-10RU operation manual for details on GPI input settings.

GPI OUTPUT PORT FUNCTION

(Assigning Indication Functions to Buttons)

In Menu Page P823, status indications such as input signal or alarm status can be assigned to each button LED. See "GPI OUTPUT PORT FUNCTION" in the FA-10RU operation manual for further details.

--- GPI OUTPUT PORT FUNCTION ---

<table>
<thead>
<tr>
<th>F1 Port: GPI PORT 1 (FA-AUX30 Right Block)</th>
<th>Setting: None</th>
<th>F1 Port: GPI PORT 2 (FA-AUX30 Left Block)</th>
<th>Setting: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1 Port: GPI PORT 3 (FA-AUX30 Center Block)</td>
<td>Setting: None</td>
<td>F1 Port: GPI PORT 4 (FA-AUX30 Center Block)</td>
<td>Setting: None</td>
</tr>
</tbody>
</table>

Precautions

- Operate the unit only at the specified supply voltage.
- Ensure the unit is properly grounded at all times.
- Ensure the power cord and connectors are firmly connected.
- Do not access circuitry with power applied to the unit.
- Unit should not be operated or stored with the cover, panels, and/or casing removed.
- Unit should not be operated or stored in a humid, dusty, etc. environment. Doing so could result in fire or electrical shock.
- Do not allow fluids, metal fragments, or any other foreign objects to enter the unit. If foreign matter does enter the unit, turn the power off and disconnect the power cord immediately. Remove the material or contact your authorized service representative.
- If you notice any strange smells or noises coming from the unit, turn the power off immediately, turn OFF the power switch, disconnect the power cord, then contact your authorized service representative.