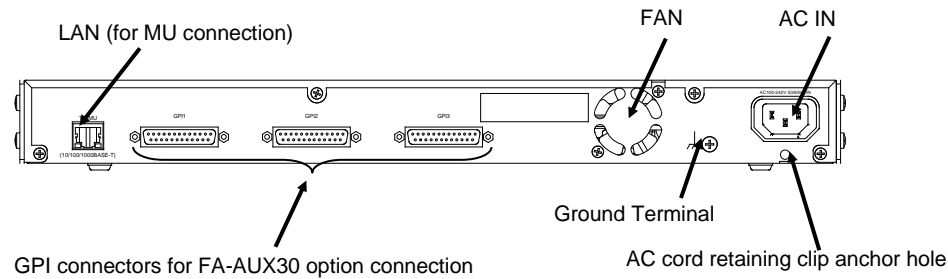# FA-10RU
Quick Setup Guide

Packing list: FA-10RU (1), Quick Setup Guide (1), CD (including Operation Manuals), AC cord (1), AC cord retaining clip (1 set), Rack mount bracket set (1 set), Colored light identification label

FA-10RU units are remote controllers for **FA-505**, **FA-1010, FA-9600**, **USF-106UDC/DC-12G**, **USF-106TICO-12G** and **USF-1043FS** (Main Unit, hereafter called **MU**) and control MUs via LAN. One MU unit can be controlled by up to **5** remote controllers (multiple FA-10RU, FA-10DCCRU and/or Windows GUI software).

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.
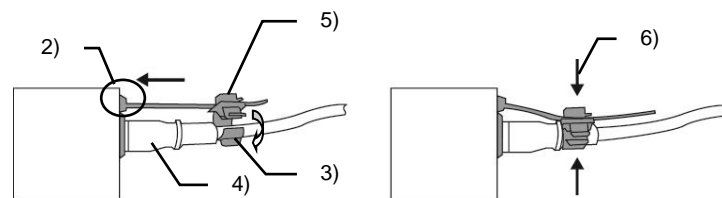
FOR.A®

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 MU. Be sure to install the AC cord retaining clip before mounting the unit into a rack.
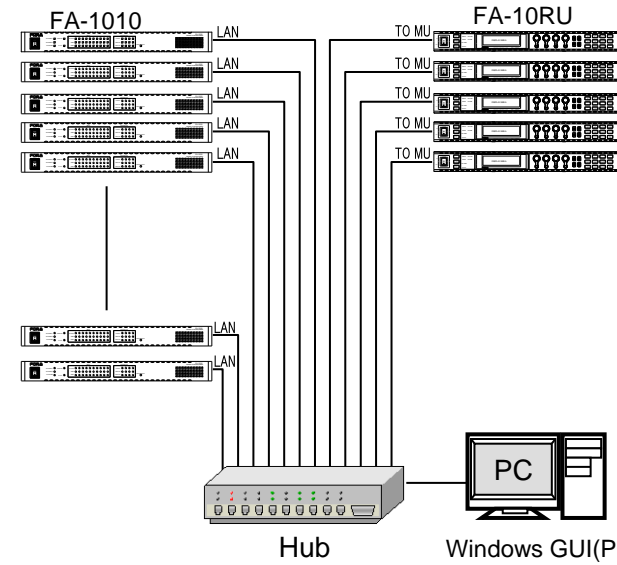
1) Wrap the retaining clip around the AC cord (with the anchor of the ladder strap toward the unit).
2) Insert the anchor into the hole above the AC IN socket.
3) Lightly fasten the clip around the AC cord.
4) Plug in the power cord.
5) Slide the clip on the ladder strap toward the plug.
6) Fasten the clip tightly.
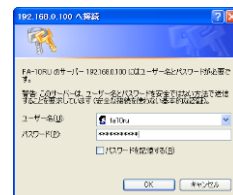7) Gently pull on the AC cord to ensure it is secured.

Make sure that the LOCK button LED on the front panel is lit green or unlit before starting an operation. If LOCK button LED is lit orange, all operations on the front panel except the LOCK button are disabled. Press and hold the LOCK button to unlock the operations.

* Complete connections before turning the power of the unit on.

3. Connection (in case of FA-1010)

FA-1010
FA-10RU
LAN
TO MU
Hub
PC
Windows GUI(PC)

Open a web browser on the connected computer, and enter the address http://192.168.0.100/ (factory default setting) in the address bar. The authentication dialog box (the first time only) and Information page as shown below appear.

Enter your user name and password.
User name: fa10ru
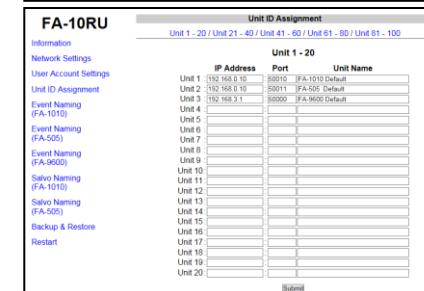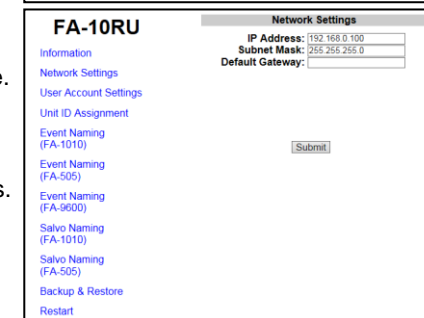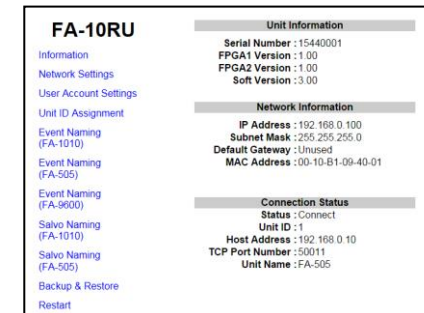**Password**: foranetwork
Then, click **OK**.

Click **Network Settings** in the Information page.

Set an appropriate IP address for your network. After completing the settings, click **Submit**, and then click **Restart**. The Restart window appears. Click **Restart** in the window. The settings take effect after the restart is completed.

◆ Assigning MUs

Click **Unit ID Assignment** to open the dialog box as shown below.

Enter FA-1010 IP addresses to MU IDs. Enter unit names to be displayed for settings, if necessary, under Unit Name. After assigning IP addresses, click **Submit**. (The assignments are effective without rebooting.) Unit names can be set with up to 15 alphanumeric characters.
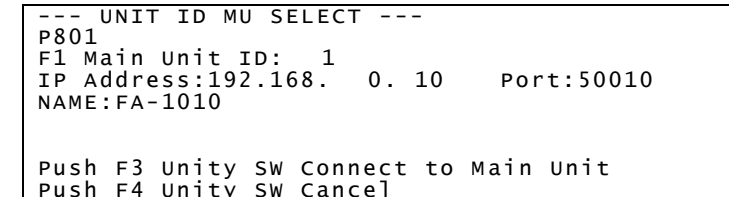
4. Powering ON

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.
The "UNIT ID MU SELECT" menu will appear if no MU unit is connected.

5. 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.

◆ Connecting in Unit ID Selection Mode

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

```
--- UNIT ID MU SELECT ---
P801
F1 Main Unit ID:  1
IP Address:192.168.  0. 10   Port:50010
NAME:FA-1010


Push F3 Unity SW Connect to Main Unit
Push F4 Unity SW Cancel
```
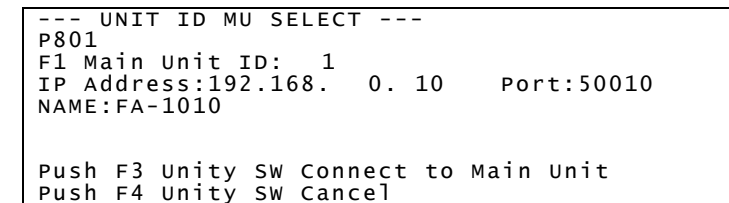
Turn F1 and select the MU to be connected from Main Unit IDs **1 through 100**.
The IP address, TCP port number, and unit name will be displayed for the selected Main Unit ID. Press the **UNITY button under F3** (SET) to establish a connection with the MU.
The MU CONNECT STATE menu appears when connection is initiated.

To cancel the selection, press the UNITY button under F4 (CANCEL). Cancelling the connection returns the settings to their last state before change.
To quit the connection, select **Disconnect** using F1 and press the UNITY button under F3. (The connected MU will also be disconnected.)

◆ Connecting in IP Address Selection Mode

Press 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 ---
P801
F1 Main Unit ID:  1
IP Address:192.168.  0. 10   Port:50010
NAME:FA-1010


Push F3 Unity SW Connect to Main Unit
Push F4 Unity SW Cancel
```
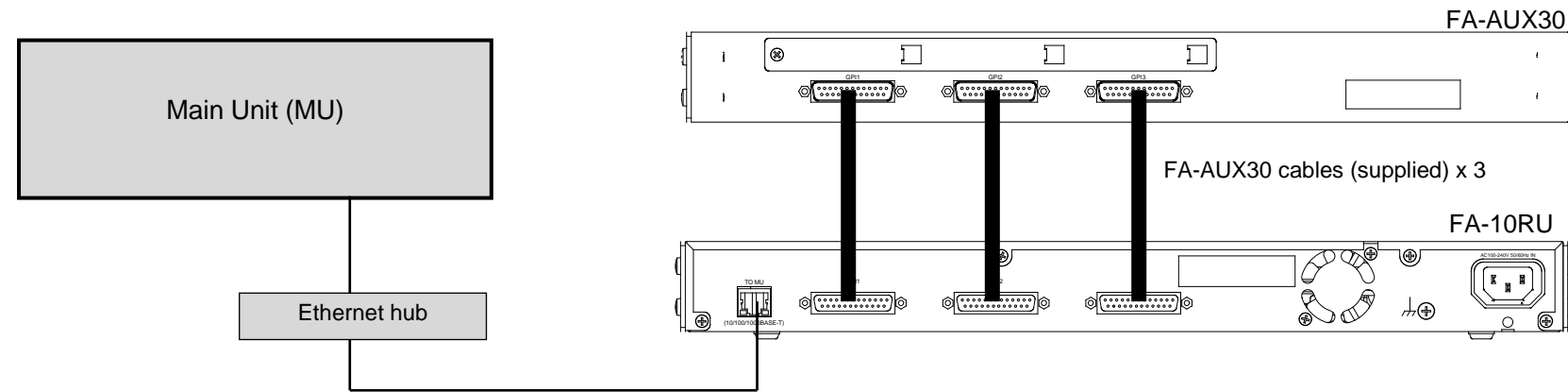
Enter the **IP address** of the MU to be connected using control knobs F1 to F4.
Go to the second line to specify the MU **TCP port number** using F1 and F2 (F1 and F2 can change the number in 100's and 1's increments respectively.)
Press the **UNITY button under F3** to establish connection with the MU.
The MU CONNECT STATE 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.

You can download manuals and other documents by registering your email address.

https://www.for-a.com/

6. Connecting to an FA-AUX30

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

FA-AUX30

Main Unit (MU)

FA-AUX30 cables (supplied) x 3
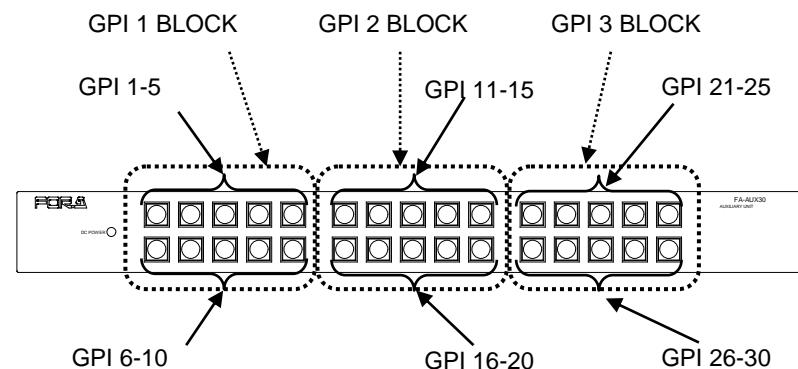
FA-10RU

Ethernet hub

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-10RU front panel, then press 10 SYSTEM (while the button is lit red) to open the LOAD GPI PATTERN menu.

```
--- LOAD GPI PATTERN ---        P821
F1 GPI1 BLOCK:None
F2 GPI2 BLOCK:None
F3 GPI3 BLOCK:None
Press F4 UNITY to start pattern loading
```

GPI 1 BLOCK   GPI 2 BLOCK   GPI 3 BLOCK

GPI 1-5   GPI 11-15   GPI 21-25

GPI 6-10   GPI 16-20   GPI 26-30

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.

---	CC Black (FS1-FS10)	Audio Gain (FS1-FS10)
None	CC Gamma (FS1-FS10)	Audio Delay (FS1-FS10)
MU Select	BY-PASS (SDI1-SDI10)	Event (No1-10 Load)
FS Select	Clean SW (Destination)	Event (No1-10 Save)
Process (FS1-FS10)	Clean SW (Source)	Event (No1-5 Load/Save)
Video Level (FS1-FS10)	Clean SW (Mode/Take)	Menu1 Select
Chroma Level (FS1-FS10)	Clean SW (Salvo1-10 Load)	Menu2 Select
Setup/Black (FS1-FS10)	Clean SW (Salvo1-10 Save)	Menu3 Select
Hue (FS1-FS10)	Clean SW (Salvo1-5 Load/Save)	Menu4 Select
CC (FS1-FS10)	Time Code Generator	Status1
CC White (FS1-FS10)	Freeze(FS1-FS10)	Status2

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 ---
P822
F1 Port:GPI1 PORT 1(FA-AUX30 Right Block)
Setting1:None
Setting2:None
Setting3:None
Setting4:None
```

2. Press the down-arrow button for F1, F2, F3 and F4 to be displayed to the left of Setting 1 – 4.
   Turn the corresponding control knob F1 - F4 and select functions.
   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 ---
P823
F1 Port:GPI1 PORT1(FA-AUX30 Left Block)
F2 Setting :None
F3 Polarity:Normal
```

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.