OPERATION MANUAL

MFR-SRCPU

Redundant CPU Card for MFR-1616R/3216/3232

1st Edition - Rev. 1

Upon Receipt

MFR-SRCPU cards and their accessories are fully inspected and adjusted prior to shipment.
Check your received items against the packing lists below. Check to ensure no damage has occurred during shipment. If damage has occurred, or items are missing, inform your supplier immediately.

◆ **Packing List**

| ITEM	QTY	REMARKS
MFR-SRCPU	1 set	Redundant CPU Card for MFR-1616R/3216/3232 IF card x1 CPU card x1
Flexible flat cable	2	Used to connect IF and CPU Cards.
Shielded plate 1	1	
Shielded plate 2	1	
Double SEMS screw	7	Used to secure the Redundant CPU Card.
Stud	4	
Binding screw	8	Used to secure shielded plates.
Installation Guide	1	This Guide Book

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1. Overview

MFR-SRCPU is a CPU card for MFR-1616R/3216/3232 units. An MFR-1616R/3216/3232 has two CPU slots and comes with a CPU card installed in one slot as the standard configuration. Installing an optional MFR-SRCPU allows the unit to keep running in the event that one of the CPU cards were to fail.

|	
! **CAUTION**	Installing this option requires the unit interior to be accessed by opening the panel. Installation should only be performed by qualified technical personnel. The power should be turned OFF and all unit power cords disconnected before an installation is performed.

2. Installing the MFR-SRCPU

2-1. Opening the Top Panel

(1) Remove the 10 screws on the left and right sides of the MFR-1616R/3216/3232. (The figure below shows an MFR-1616R.)
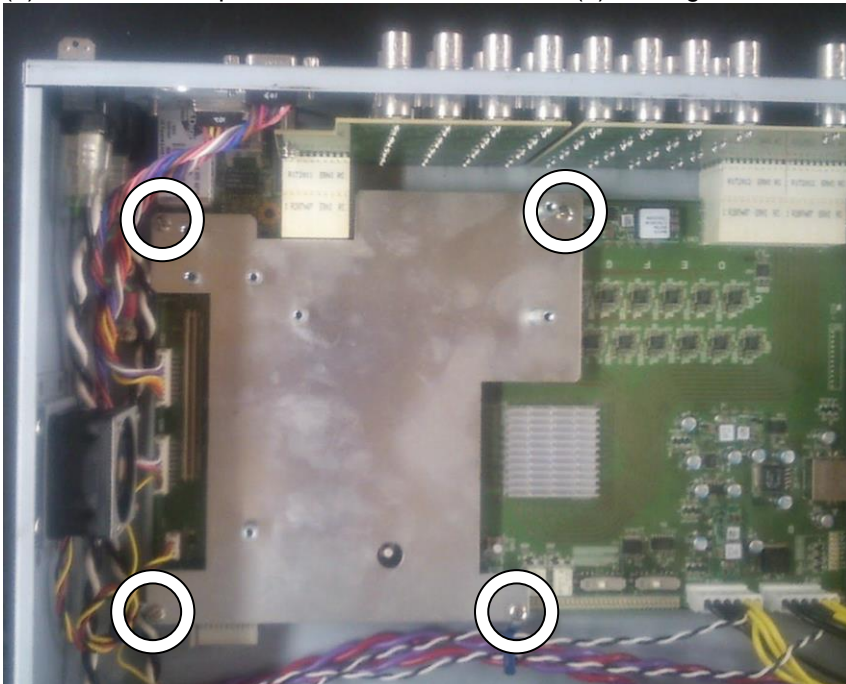
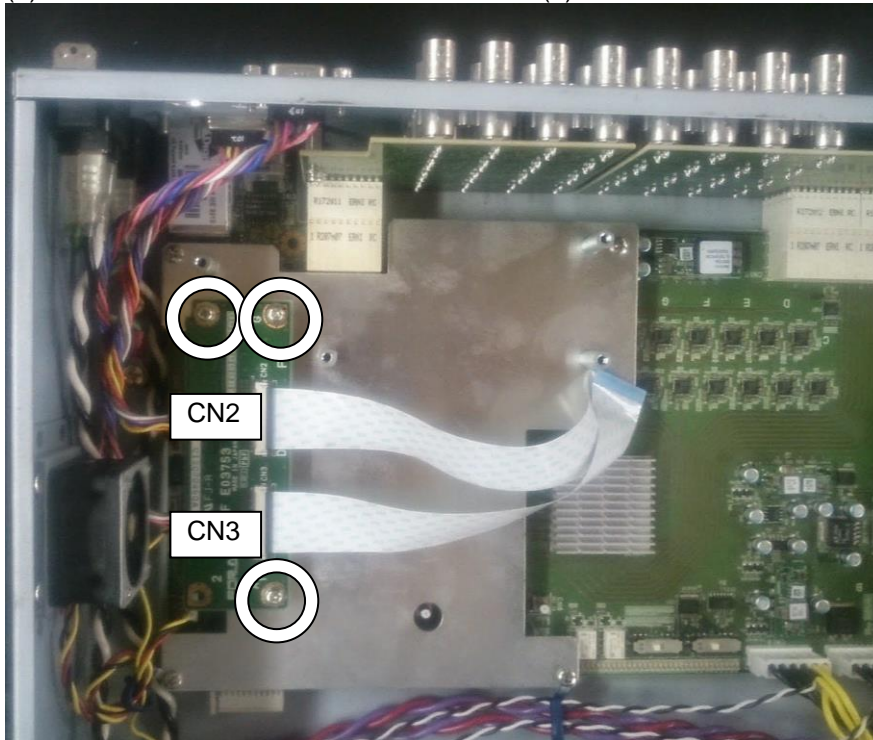(2) Slowly lift and remove the top panel.
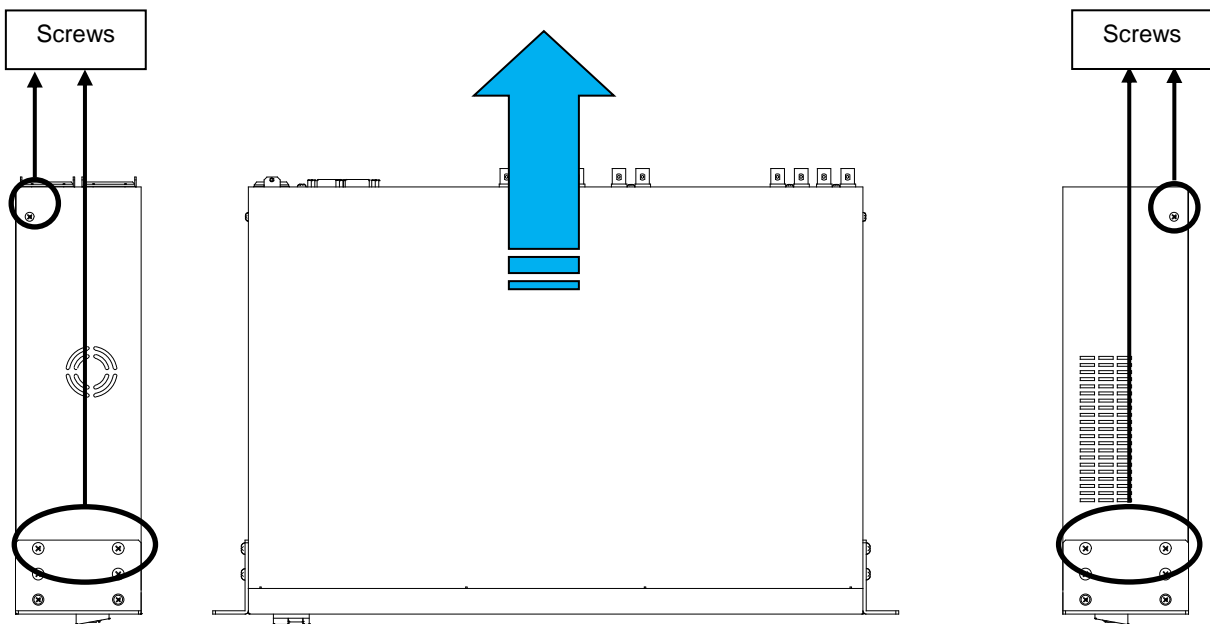
2-2. Mounting the MFR-SRCPU

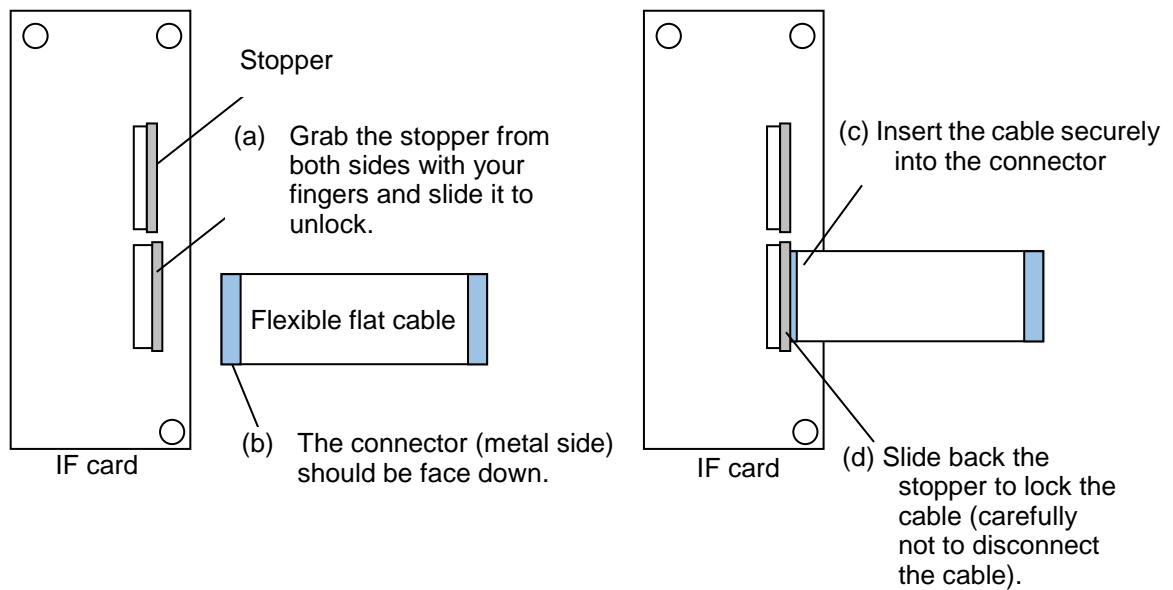(1) Remove the four (4) double SEMS screws circled in the figure below and attach the supplied studs.
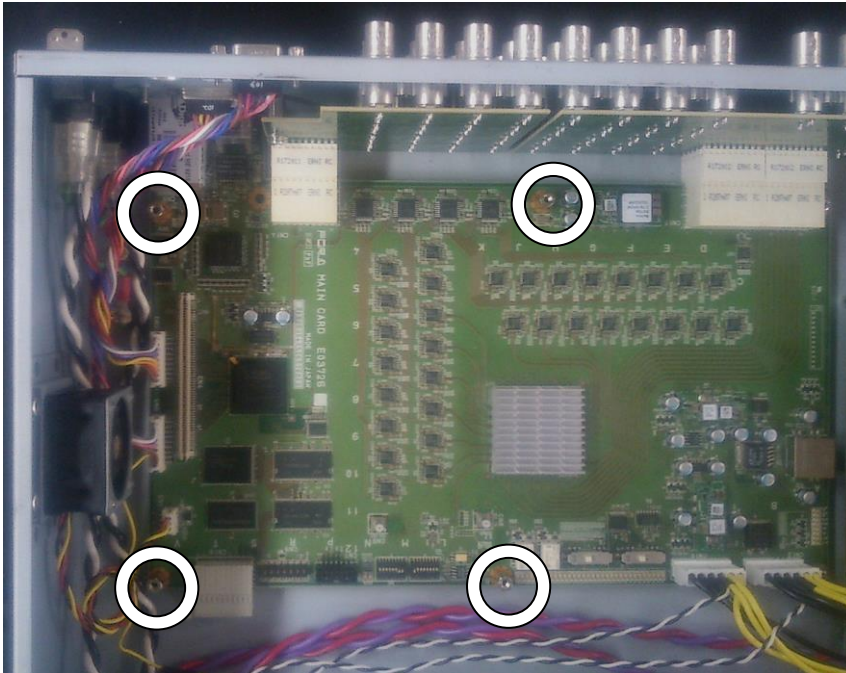
(2) Mount shield plate 1 and secure it with four (4) binding screws.

(3) Take out the MFR-SRCPU from the packaging box.
(4) Mount and secure the IF card with three (3) double SEMS screws.

(5) Follow steps (a) to (d) below to connect flexible flat cables to CN2 and CN3 on the IF card.

Stopper

(a) Grab the stopper from both sides with your fingers and slide it to unlock.

Flexible flat cable

(b) The connector (metal side) should be face down.

IF card

(c) Insert the cable securely into the connector

(d) Slide back the stopper to lock the cable (carefully not to disconnect the cable).

IF card

IMPORTANT

Be sure that the cable connector (metal side) is face down. Otherwise, the card will not operate.

(6) Mount shield plate 2 and secure it with four (4) binding screws.
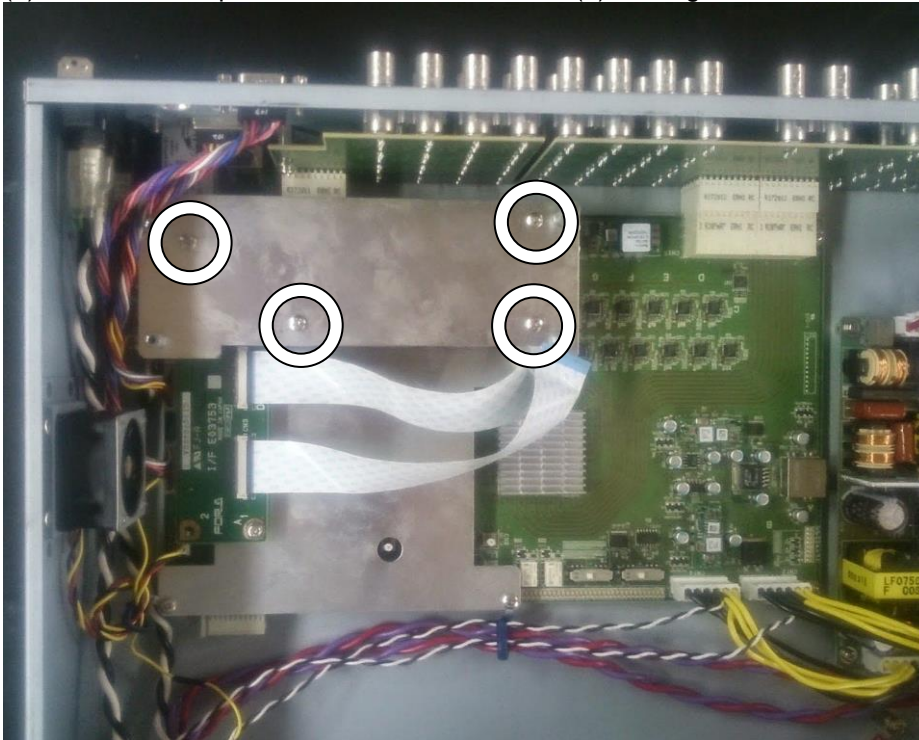
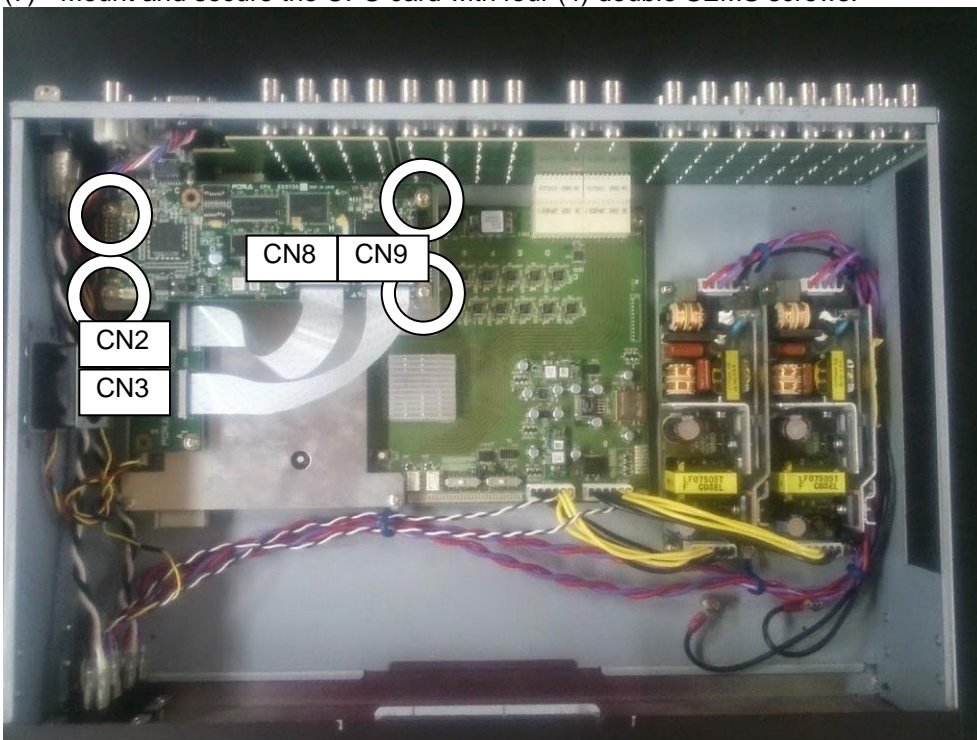(7) Mount and secure the CPU card with four (4) double SEMS screws.

(8) Connect the flexible flat cables to CN8 and CN9 on the CPU card (in the same manner as when connecting to the IF card).

(9) Close and secure the top panel with the removed screws.

(10) Connect the power cord and turn on the power.

Installation is complete.

3. Verifying the Installation

Follow the steps below to verify that the MFR-SRCPU is properly installed.

(1) Launch a browser (e.g. Internet Explorer) and access the PC-LAN port address "http://192.168.1.12".

(2) After accessing the address, a username and a password will be requested. Enter the following username and password.
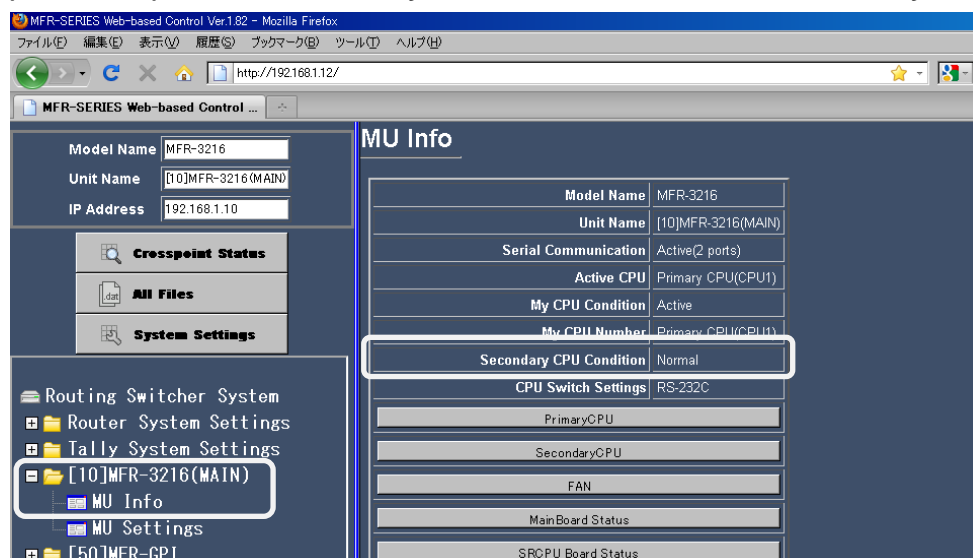
Username: user
Password: password (default)

IMPORTANT

The above address, username, and password are default settings. If settings have been changed, enter the new address, username and password.

(3) **In the System Settings tree in the Web-based Control screen, open the connected main unit (MFR-XXXX) > MU Info and verify that Normal is shown under Secondary CPU Condition.**

Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

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