1. Connection and System Configuration

- Time code input and output
- Option slots
- External reference signal input
- LTC IN/OUT
- Loop-through (Terminate at 75Ω when not in use)
- AC IN 1
- Ground Terminal
- SDI IN
- SDI OUT
- Cameras, switches, etc.
- Monitors, recorders, etc.
- 3G/HD/SD-SDI input and output connectors
- Alternate Input and output allocation
- Bypass outputs signal input (left) to the right of each input/output connector pair (e.g. IN1 > OUT1a).
- USB connector
- Ethernet connector
- Power supply (DC POWER 1/2)
- Fan alarm
- Genlock
- LTC IN
- BY-PASS
- SDI IN status indicator
- VIDEO
- AUDIO
- Option slot(s)

2. Setup Procedure

The procedure is shown numbered in the above figure.

1. Apply DC power to the FA-505 using the supplied AC cord. Secure the cord with the supplied AC cord retaining clip.
2. Connect monitors and recorders to the SDI OUT connectors.
3. Connect signal source devices such as video cameras and/or switchers, to the SDI IN connectors.
4. Connect option cards to be used for control to the FA-505 LAN connector using a LAN cable.
5. Turn the power of the FA-505 on. When the FA-505 is powered on, all LEDs on the front panel, including Alarm indicators light. Once startup is complete, current status will be indicated.

3. Front Panel Indicators

- Power switch
- DC POWER 1/2
- Fan alarm
- Genlock
- LTC IN
- BY-PASS
- SDI IN status indicator
- VIDEO
- AUDIO
- Option slot status indicator
- Option slot(s)

4. INSTALL
- Install the software, FA-505 GUI, to the computer.
- Open the CD-ROM, and the FA-505GUI folder. Double-click the Setup icon to start the setup wizard.
- Once the GUI starts up, a GUI page opens, enter the FA-505 IP address to register the unit. Click a number under Select to select a unit, then click Connect to establish a connection with the FA-505.

5. INITIALIZE
- Used to reinitialize the unit. Read the WARNING below before proceeding.
- To reinitialize the unit, hold down the INITIALIZE button. Continue pressing the button until all LEDs that light together at startup indicate their current status.

<Control System Selection>

The FA-505 offers you 2 control systems allowing you to choose in different situations.

- Windows GUI
  - Enables full control over the FA-505.
  - Quicker response compared to the Web GUI
- Web GUI
  - Easy operation on tablet PC or PC
  - No space required

Installing the AC Cord Retaining Clip

After connecting the AC cord, secure the AC cord with the supplied ladder strap/retaining clip to prevent accidental removal from the FA-505.

1. Wrap the retaining clip around the AC cord.
2. Insert the anchor into the hole next to the AC connector.
3. Slide the clip on the ladder strap toward the FA-505.
4. Gently pull on the AC cord to ensure it is securely fastened.
5. Align the retaining clip with the ladder strap/retaining clip.
6. Insert the retaining clip into the AC connector.
7. Fasten the clip tightly.
8. Gently pull on the AC cord to ensure it is securely fastened.

All setting data will initialize. Back up before executing a reinitialization.

<To start up Windows GUI>

1. Install the software, FA-505 GUI.
2. Open the CD-ROM, and the FA-505GUI folder. Double-click the Setup icon to start the setup wizard.
3. Once the GUI starts up, a GUI page opens, enter the FA-505 IP address to register the unit. Click a number under Select to select a unit, then click Connect to establish a connection with the FA-505.

<To start up Web GUI>

1. Start a web browser on the PC.
2. Enter the FA-505 IP address into the web browser address bar.

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, 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.