



Network Control Adapter (NCA)
Hardware Installation & Setup Guide
Rev1.0

NCA Installation Guide

(Rev 1.0)

Table of Contents

1. Installation

1.1 Hardware installation

2. Front Control Panel Setup

2.1 Set IP address / Port number

2.2 Set default username and password

3. Enabling the NCA

3.1 Allowing NCA to Communicate

4. Support

1. Installation

1.1 Hardware installation

NOTE: This equipment is STATIC SENSITIVE, please ensure that you are properly grounded before continuing.

- **Power Connections:**
Once the chassis is mounted, connect the MPSM (Modular Power Supply Module), with the Power Harness Provided. Next take the 4-pin connector on the Power Harness and insert it into the IBM (Interface Bus Module) in the rear of the chassis, finally plug the AC cord into a 120VAC outlet.
- **RJ-45 Ethernet Connector:**
Connect any CAT5 Ethernet/LAN line into the 10BaseT connector on the rear panel of the NCA module. Note the Green LED indicates that a Link was established with the network, the AMBER LED indicates activity on the network.
- **Activity LED:**
When this LED is GREEN it indicated that the NCA is powered, When the LED switches to RED this indicates that the NCA module is communicating with the *eML* chassis.
- **Reset:**
When this button is depressed, the NCA will perform a hard reset.
- **Prog:**
This port is used for updating the firmware in the NCA module, and should be left unconnected.

2. Front Control Panel Setup

2.1 Set IP address / Port number

- Rotate the knob on the front of the chassis to display the main menu.
- Rotate the knob and highlight **“Adj BAY”**, depress the knob to select.
- Select the bay number that the NCA module is inserted into (normally set in bay 11)
- The NCA main menu should now be displayed. Select **“System”**.
- Next select **“TCP/IP”** from the NCA system menu.

- **To Adjust the IP**, highlight and select **“IP”**, this should now highlight the first digit. Rotate the knob to change the value, once the desired value is displayed press the knob to advance to the next digit. After all digits have been modified, and you have pressed the knob on the last digit, the display will indicate that it is “saving” the new IP. Once the save is complete you may now continue.

- **To Adjust the Port number**, highlight and select **“PORT”**, this should now highlight the first digit (most significant digit). Rotate the knob to change the value, once the desired value is displayed press the knob to advance to the next digit. After all digits have been modified, and you have pressed the knob on the last digit, the display will indicate that it is “saving” the new Port number. Once the save is complete you may now continue.
NOTE: Default port number is 21, commonly used for FTP communications, it is recommended that port 21 be used, if you need to change the port to another value, please see your Network Administrator to find an available port.

2.2 Set Default Username and Password

- Follow the procedure above to get into the TCP/IP menu.
- Highlight and select **“CLR UN/PW”**, press the knob, the display will indicate that it is “saving” the default username and password. Once the save is complete you may now continue.

NOTE: Username and Password are “case sensitive”.

Default Username: SITE

Default Password: S7K5Z1

- **At this time the Username and Password is restricted to the default value.**
A new version of the NCA application will soon be available that will include the feature to change the username and password and send the update to the NCA.

3. Enabling the NCA

3.1 Allowing NCA to Communicate

- Rotate the knob on the front of the chassis to display the main menu.
- Rotate the knob and highlight “**Adj BAY**”, depress the knob to select.
- Select the bay number that the NCA module is inserted into (normally set in bay 11)
- The NCA main menu should now be displayed. Select “**System**”.
- To disable the NCA from receiving any updates, select “**Disable**”
- To allow the NCA to receive and update the Demodulators, select “**Enable**”

4. Support

If you have questions about this product, contact us as follows:

Email mikew@evsl.com – Mike Wohlberg, Research & Development
brentp@evsl.com – Brent Pizzey, Research & Development

Internet www.evsl.com

Telephone (800) 717-8865 or (306) 931-8822
Mike Wohlberg - ext. 15
Brent Pizzey – ext. 13