

# NOTICE

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Electra **Elite** IPK II

**IAD ETU MEGACO STATION  
QUICK SETUP GUIDE**



Empowered by Imagination

**NEC**

INT-1069(IPK II)  
DOCUMENT REVISION 1



# Setting up the IAD ETU MEGACO Station Application

## SECTION 1 HARDWARE SETUP

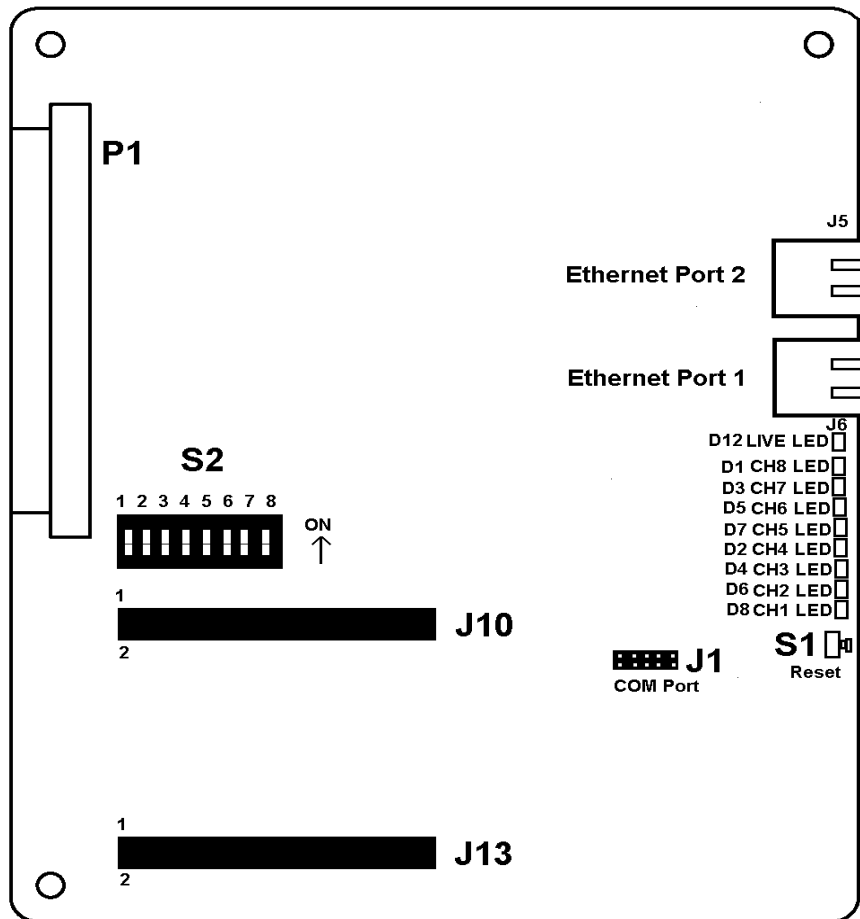


Figure 1 IAD(8)-U() ETU

## 1.1 Boot Up Sequence

The LED chart shows the status of the IAD(8)-U( ) ETU card during boot up. The LED conditions change as the IAD(8)-U( ) ETU passes through different boot states.

Table 1 Boot Up Sequence LED Patterns

STATE	D8 CH1	D6 CH2	D4 CH3	D2 CH4	D7 CH5	D5 CH6	D3 CH7	D1 CH8	D12 LIVE
1	○	○	○	○	○	○	○	○	✱
2	●	●	●	●	○	○	○	○	✱
3	○	○	○	○	○	○	○	○	✱
4	○	○	○	○	●	●	○	○	✱
5	○	○	○	○	○	○	●	●	✱
6	○	○	○	○	○	○	○	○	✱

● = LED ON  
 ○ = LED OFF  
 ✱ = LED Flashing

## 1.2 Connectors

- J6 = Default Ethernet connection

## 1.3 S2 DIP Switch Settings

Table 2 S2 DIPSW Settings

Reserved			Auto Sense	No. of Ports	Mode Operation			
SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8	
OFF	OFF	OFF	ON	ON	ON	OFF	OFF	ESI(8)-U10 ETU

1. Configure DIPSW S2 in accordance to Table 2. Place the IAD(8)-U( ) ETU in the Electra Elite II KSU.
2. Connect the Ethernet cable to connector J6.
3. The CH1~CH8 LEDs start to run indicating that the system is initializing the IP Networking parameters. The Status LED (D12) is red (refer to Table 1 Boot Up Sequence LED Patterns).

4. Once all the LEDs are **OFF** and the Status LED (D12) is flashing red, the IAD(8)-U( ) can be set up with the system.

## SECTION 2 ELECTRA ELITE IPK II PROGRAMMING

After the Dip Switches have been set and the IAD ETU has been installed in the Electra Elite IPK II KSU, you are ready to program the settings for the IAD ETU.


The IAD(8)-U( ) ETU (MEGACO Station) is recognized by the Electra Elite IPK II system as an ESI(8)-U10 ETU. This ETU takes a longer time to initialize than the other Electra Elite IPK ETUs.

### 2.1 Programming the ETU Interface Slot for the Electra Elite IPK II

The following procedure provides the general directions for Electra Elite programming for the ETU Interface Slot Assignment.

The Electra Elite IPK II should automatically recognize the IAD(8)-U10 ETU as an ESI(8)-U10 ETU and automatically program the slot and the station number assignments for all eight ports.

To review the programming:

1. The Megaco Station IAD(8)-U10 ETU should be installed in the desired slot.
2. Programming is available via PCPro, WebPro Application, or a Multiline Terminal.
3. The Megaco Station IAD(8)-U10 ETU consumes a maximum of 8 ports (ports ranging between 001~256).
4. Access the Electra Elite IPK II System Programming: **Speaker # \* # \*** [system password] **Transfer**.
  -  Consult the System Administrator for system password.
5. Access Data Program 10-03-01 (ETU Setup) and enter the Slot number of the Megaco Station IAD( )EliteApps IVR ETU to verify which ports will be utilized.

In the following example, the Megaco Station IAD(8)-U10 ETU has been seated in slot 6:

Example:

10-03-01, Slot No 6

ESIPort01 CH1 :None | 1

The Ports 1 ~ 8 of the Megaco Station IAD(8)-U10 ETU must be configured for TEL.

6. If after inserting the ETU into the slot, it does not show as an ESI, remove the card and delete the current slot assignment. Go to Program 90-05-01. Press **Redial** to advance to the "Slot Number" field. Enter the slot number and press **Transfer**. Verify the DIP switch settings. Repeat steps 4 and 5.
7. Go to Program 11-02-01 (Extension Numbering).


### SECTION 3 IAD (8)-U( ) ETU WEB PROGRAMMING



When installed for the first time, the IAD (8)-U( ) ETU, comes up with factory set default parameters as shown in [Table 3 Factory Network Settings](#).

**Table 3 Factory Network Settings**

<b>Host Name</b>	neciad
<b>IP Address</b>	192.168.1.100
<b>Subnet Mask</b>	255.255.255.0
<b>Default Gateway</b>	192.168.1.1

In this configuration, the ETU cannot run in any randomly given environment, and its parameters must be redefined before the IAD (8)-U( ) ETU can work in your environment.

1. Boot up a PC with IP Address: 192.168.1.X, Subnet Mask: 255.255.255.0. Connect to the IAD(8)-U( ) either via a crossover cable or a small hub.
2. Connect to the IAD (8)-U( ) ETU via your Web Browser to the following link:  
<http://192.168.1.100/>
  -  The IAD (8)-U( ) ETU supports Microsoft Internet Explorer 5.0 and higher.

3. When the login screen appears, enter the Login ID and password. Click **login**.
  -  Default login ID = **admin**
  -  Default password = **password**
4. Set the IP Address, Subnet Mask, Host Name, and Default IP parameters in the IAD (8)-U( ) ETU Card tab and select **Submit**.
5. Set the IP Station Encoding Preference, Packet Size, Jitter Depth and the IP Address (or use DHCP if using a DHCP Server) under the Port Tab and select **Submit**.
6. Select the **System** tab, then select **Reset the Card**. The ETU goes through a reboot cycle. This may take a few minutes.
7. Disconnect the crossover cable and connect the IAD (8)-U( ) ETU (MEGACO Station) to your network.

The ETU is now ready for operation.

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