

Please Register Your One-Net

To verify that you have the latest version of software in your One-Net it's important to register your device with Monroe Electronics. To register go to www.monroe-electronics.com and click on R189 Update Registration, under EAS Systems and Products, and submit your information. You will be notified by Email of the latest updates and enhancements that can be downloaded from our website.

R189 Registration for updates - Microsoft Internet Explorer

ME> MONROE ELECTRONICS

Update Registration

R189 *One-Net* Analog / Digital EAS Encoder / Decoder

* Name:

* Company:

Title:

Street Address:

P.O. Box:

City/Town:

State:

ZIP Code:

* Email:

* Phone:

* R189 Serial Number:

Date Purchased:

Where Purchased:

* Required Fields

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Quick Start Up Guide for the R189 One-Net

1. What comes with your One-Net

- A CD that has the full version of the Manual.

2. Getting Started

You will need the following before starting the setup.

- FCC number. This ID number is used in all correspondence with your Cable Head End and the FCC.
- FIPS code for the location where the equipment will be installed.
- Radio frequencies for your LP1 and LP2. These are the approved radio stations for your area and can be obtained by through your EAS chairman for your state. If a NOAA station will be monitored that must also be obtained.
- IP address for the One-Net. This must be obtained from your system administrator to make sure there are no other devices on your network with this address.

3. Logging into the unit.

The three ways to connect to the One-Net are:

Using a VGA monitor, keyboard, and mouse with a One-Net

To configure the One-Net:

- Connect the VGA monitor, keyboard and mouse connected to the correct ports on the back of the One-Net.
- Then power up and wait for the One-Net to boot and become fully operational. Make sure the VGA monitor is powered on.
- You will be presented with a login prompt on the VGA monitor. Type in the user name of "root" (without parenthesis). The default password is "dasdec1".
- After login, the One-Net presents a shell prompt.
- The typical task at this point is to launch a desktop user interface. Type the command 'startx' and then press the Enter key. This will run the KDE desktop windowing user interface.

- Wait for the desktop to fully launch. Once the desktop is ready, run the provided One-Net browser app by clicking the icon labeled One-Net Web Interface. This launches a browser, which will automatically access the One-Net web server Login page. Follow the instructions for Section 4.2 below for logging into the One-Net using the Web login page. Everything you will need to do to setup the One-Net for operation and remote network access will be available from within the Web interface. There is a built in administrative user (Admin) for the One-Net Web Interface. The default password for Admin is “dasdec”.
- After you are finished with the One-Net KDE desktop, logout using the right mouse button popup screen to select "Logout". After a few seconds, the desktop will exit and you will be back at the shell prompt.
- Once configured, the One-Net is designed to operate “headless” (without monitor, keyboard, and mouse). The preferable means of One-Net access is via a Web browser from another computer over the LAN. In fact, while the One-Net can operate with the KDE desktop enabled, the KDE desktop consumes much memory and extra CPU speed. The provided KDE desktop applications are meant as conveniences and tools during One-Net configuration. These should not be used indiscriminately during normal One-Net operation. Using applications from the desktop during normal operation can interfere with the reliable performance of the decoder software.

Directly connecting a networked host computer

Connect a CAT-5 network crossover cable to the RJ45 port at the back of the One-Net and to the RJ45 port of the network interface card (NIC) of a standalone PC or notebook computer. Configure the standalone PC to use the static IP address 192.168.0.2 with a net mask of 255.255.0.0. After One-Net power up and booting, it can be accessed via a Web browser on the host computer.

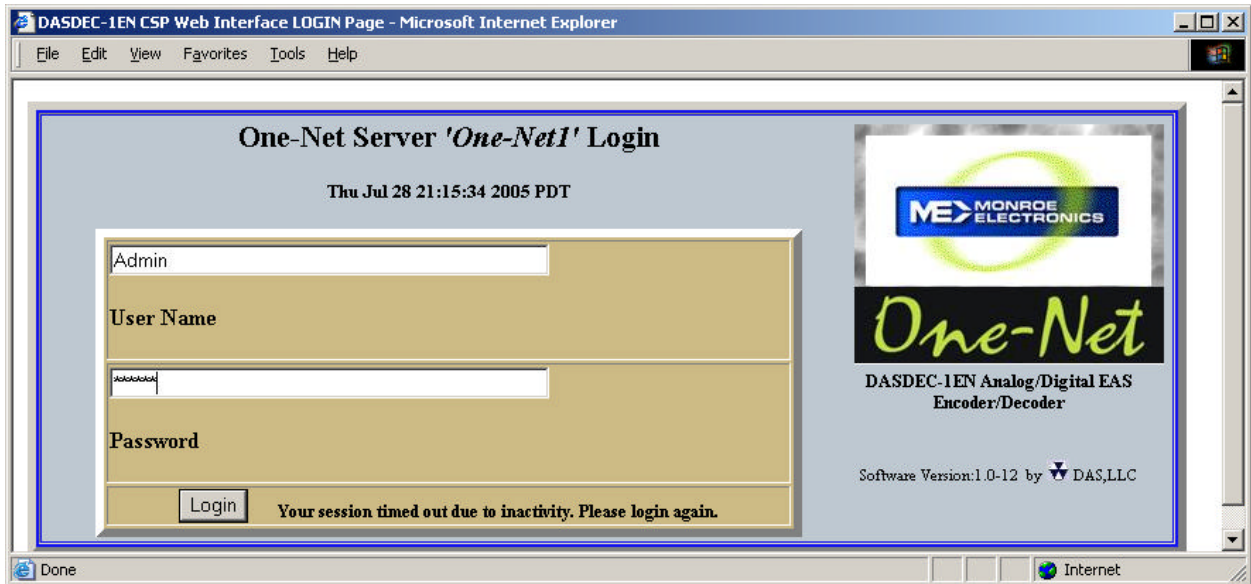
Now launch a Web browser application and direct the URL to `http://192.168.0.1/`. The One-Net will provide a gateway page and quickly redirect to the One-Net login page.

LAN connection with a networked host computer

Connect a standard CAT-5 network cable from the RJ45 port at the back of the One-Net into a routing hub or other network-switching device. You will likely need assistance from a network administrator to insure the One-Net’s default network address of 192.168.0.1 will be visible on the network, or will not clash with an existing node. Once the One-Net is powered up, booted, and operational, it can be accessed via a Web browser from any remote computer on the LAN routed to see the address 192.168.0.1.

Web Server Login

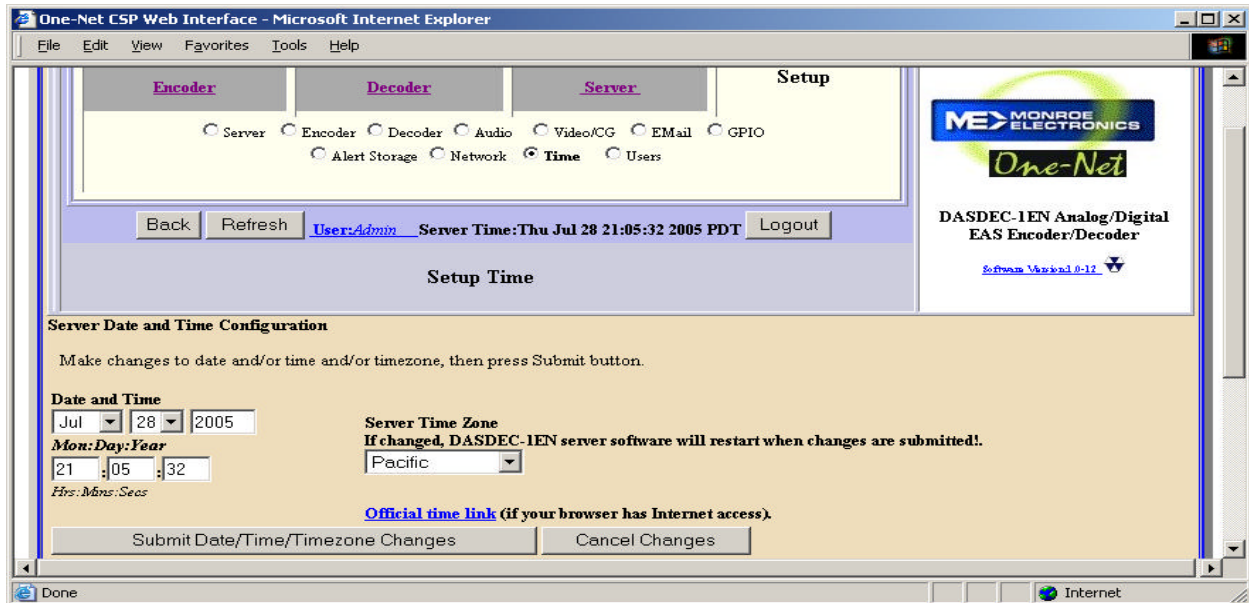
When the One-Net successfully connects for a Web session, it will present the following page in the Web browser.



Type "Admin" (no quotes) as the default user name, and "dasdec" (again, without quotes) as the password. Press the left mouse button over the Login button. With the correct user name and password, the One-Net will login. If the user or password is incorrect, the One-Net will display a message indicating the problem. If the One-Net is left unattended for 10 minutes, it will automatically logout. A message indicating session timeout will be displayed on the login screen.

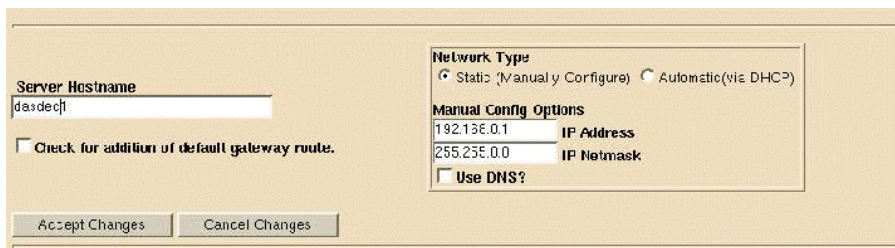
4. Setting the time.

- Click on the Setup tab, followed by the Time button.
- If necessary, change the Time and Time Zone.
- After the changes are complete, click on the Submit Date/Time/Timezone Changes button.



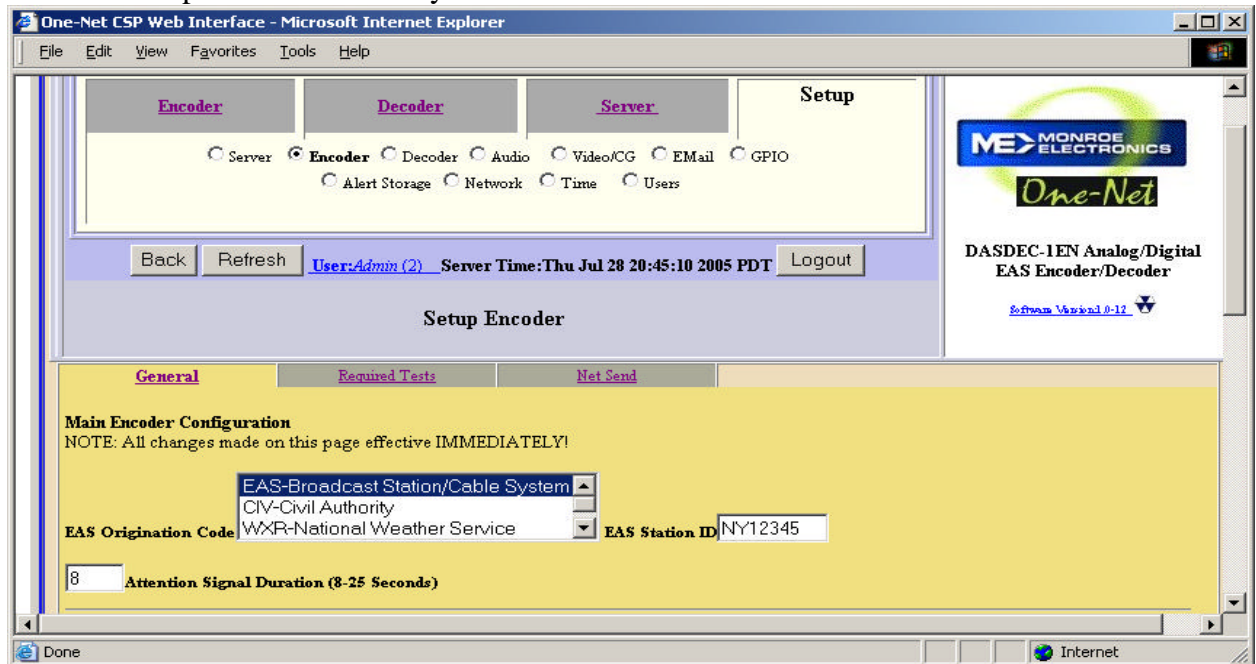
5. Programming a static IP address for the One-Net

- Click on the Setup tab, followed by the Network button.
- Enter a static IP address. If necessary change the Subnet Mask.
- After the changes are complete, click on the Accept Changes button.

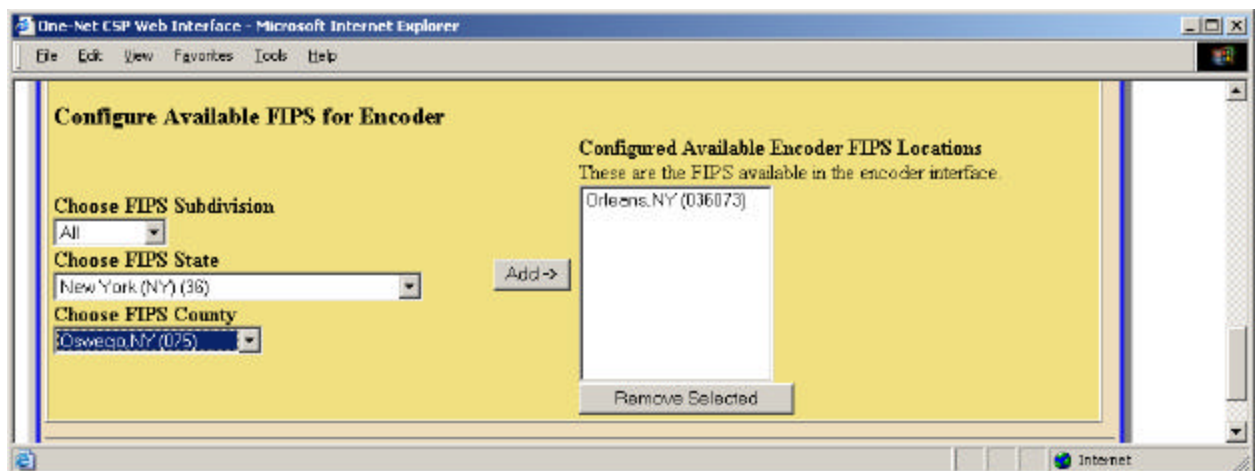


6. Setting up the Encoder

- Click on the Setup Tab, the Encoder button and the General tab.
 - Enter the EAS Station ID for your location. This ID starts with the abbreviation for your state, followed by a series of numbers. This ID is used with all correspondence between your Cable Head End and the FCC.



- Configure the available FIPS codes.
 - Select the State and county where the alert will be broadcast. Once it has been selected, click the Add button to add it to the available list. If you are broadcasting the alert to more than one county, repeat this step until all of the counties are added.



- Click on the Required Tests tab (Not available on Decoder only models) to configure the Automatic Required Weekly Test.
 - Place a check in the box to enable the Random Automatic Weekly Test. The following display will be shown. You can edit the times that you want the Automatic Required Weekly Test occur by changing the Between times followed by clicking the Accept Time Changes button.

One-Net CSP Web Interface - Microsoft Internet Explorer

File Edit View Favorites Tools Help

General **Required Tests** Not Send

Encoder Required Test Configuration
NOTE: All changes made on this page effective IMMEDIATELY!

Required Weekly Tests can be automatically generated.
MUST Configure FIPS codes for One-Button RWT Alert below!

Between Time and Time
 1 0 2 0
 Hrs:Mins Hrs:Mins
 Accept Time Changes Cancel Time Changes

☒ Uncheck to Disable Random Automatic Required Weekly Test Generation (effective immediately).

Configure One-Button and Automatic Weekly Test

Set FIPS locations for One-Button Weekly Test
 For each Location, Select a FIPS, then Add Selected FIPS

Set One-Button Weekly Test Duration
 Hours 0 Mins 15

****Need to Add FIPS Codes****

Orleans, NY (036073)

Add Selected FIPS

Done Internet

- Click on the FIPS code from the list for the County where the unit is installed and Click on the Add Selected FIPS button. This county will be used in the Automatic Weekly test Message. The following display will be shown.

One-Net CSP Web Interface - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Required Weekly Tests can be automatically generated.

Between Time : and Time :
Hrs:Mins Hrs:Mins

☒ Uncheck to Disable Random Automatic Required Weekly Test Generation (effective immediately).

Configure One-Button and Automatic Weekly Test

Set FIPS locations for One-Button Weekly Test
For each Location, Select a FIPS, then Add Selected FIPS

Set One-Button Weekly Test Duration
Hours Mins

Current FIPS locations for One-Button Weekly Test
1. Orleans, NY (036073)

7. Setting up the Decoder

- Click on the Setup tab, the Decoder button and the FIPS ID tab.
 - Select the State and County where the unit is installed.

One-Net CSP Web Interface - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Encoder Decoder Server Setup

☐ Server ☐ Encoder ☒ Decoder ☐ Audio ☐ Video/CG ☐ Email ☐ GPIO
☐ Alert Storage ☐ Network ☐ Time ☐ Users

[User:Admin](#) Server Time:Thu Jul 28 20:21:47 2005 PDT

Setup Decoder

FIPS ID Forwarding Net Forward

Decoder Station FIPS Identity
NOTE: All changes made on this page effective IMMEDIATELY!

036073 Orleans, NY

Set Decoder Station FIPS State ID

Set Decoder Station FIPS County ID

[Back](#) [Refresh](#) [Current Status](#) [Op Log](#)

- Click on the Forwarding tab and set the Forwarding Station ID. This ID starts with the abbreviation for your state, followed by a series of numbers. This ID is used with all correspondence between your Cable Head End and the FCC.

One-Net CSP Web Interface - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Encoder Decoder Server Setup

☐ Server ☐ Encoder ☒ Decoder ☐ Audio ☐ Video/CG ☐ EMail ☐ GPIO

☐ Alert Storage ☐ Network ☐ Time ☐ Users

Back Refresh [User:Admin \(2\)](#) Server Time:Thu Jul 28 20:38:21 2005 PDT Logout

Setup Decoder

FIPS ID Forwarding Net Forward

Decoder Forwarding Configuration.
When an EAS alert is decoded it can be held silently on the server or can *forwarded* through any of the audio outputs. This page has controls for manual and auto-forwarding and for selective auto-forwarding based on EAS code type and FIPS locations.
NOTE: All changes made on this page effective IMMEDIATELY!

Forwarding EAS Station ID

Forwarding Attention Signal Duration (8-25 Seconds)

Auto-Forward Mode is Enabled ☒ Unset to Enable Manual Alert Forwarding

☒ Alert audio, if any, will play on the internal speaker when the front panel button is pressed to acknowledge an unforwarded alert. This action will just acknowledge the alert, it will NOT forward the alert. Uncheck to disable.

Configure EAS Types for Decoder Auto-Forwarding
☒ All EAS Codes will Auto-Forward (for FIPS Auto-Forward settings, see below).
Unset to allow selection of specific EAS Codes for Auto-Forwarding.

Configure FIPS for Decoder Auto-Forwarding
☒ All FIPS Codes will Auto-Forward (for EAS Code Auto-Forward settings, see above).
Unset to allow selection of specific FIPS Codes for Auto-Forwarding.

[Back](#) [Refresh](#) [Current Status](#) [Op Log](#)

Done Internet

- If you have purchased the DVS-168 or DVS-644 options see section 5.10 of the Manual for details.

9. Setting the Radio stations

- Setting up the frequencies for your LP1 and LP2 stations you will be monitoring for EAS Alerts.
 - Click on the Setup tab, the Audio button and the Radio Tuners tab.
 - Set the radio type, and frequency for each installed radio.
 - Click on the Accept Typed Frequency Change button after changing the frequency.

One-Net CSP Web Interface - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Encoder Decoder Server Setup

☐ Server ☐ Encoder ☐ Decoder ☒ Audio ☐ Video/CG ☐ EMail ☐ GPIO

☐ Alert Storage ☐ Network ☐ Time ☐ Users

Back Refresh User:Admin Server Time:Thu Jul 28 20:22:44 2005 PDT Logout

Setup Audio

Decoder Audio Encoder Audio Audio Output Levels/Tests **Radio Tuners**

Radio Configuration
NOTE: Changes made to radio settings effective IMMEDIATELY!

The DASDEC-1EN server optionally provides up to 3 internal radio tuners that can be used as decoder input. This page allows the tuning of each available radio. Each radio can be tuned to an AM, FM, or NOAA Weather radio station. [The first 2 radios are decoded by the Main Audio device. Make sure the Audio Input Source is set to internal. The third tuner, if available, is decoded by a required Aux 1 PCI soundcard device.](#)

1. ☒ FM ☐ AM ☐ NOAA Weather Radio

97.3 MHz FM (87.9 - 107.9) Level:No Audio Detected (7%)

Accept Typed Frequency Change Cancel Typed Frequency

[This radio provides audio for Decoder 'L1'](#)

2. ☒ FM ☐ AM ☐ NOAA Weather Radio

102.5 MHz FM (87.9 - 107.9) Level:No Audio Detected (17%)

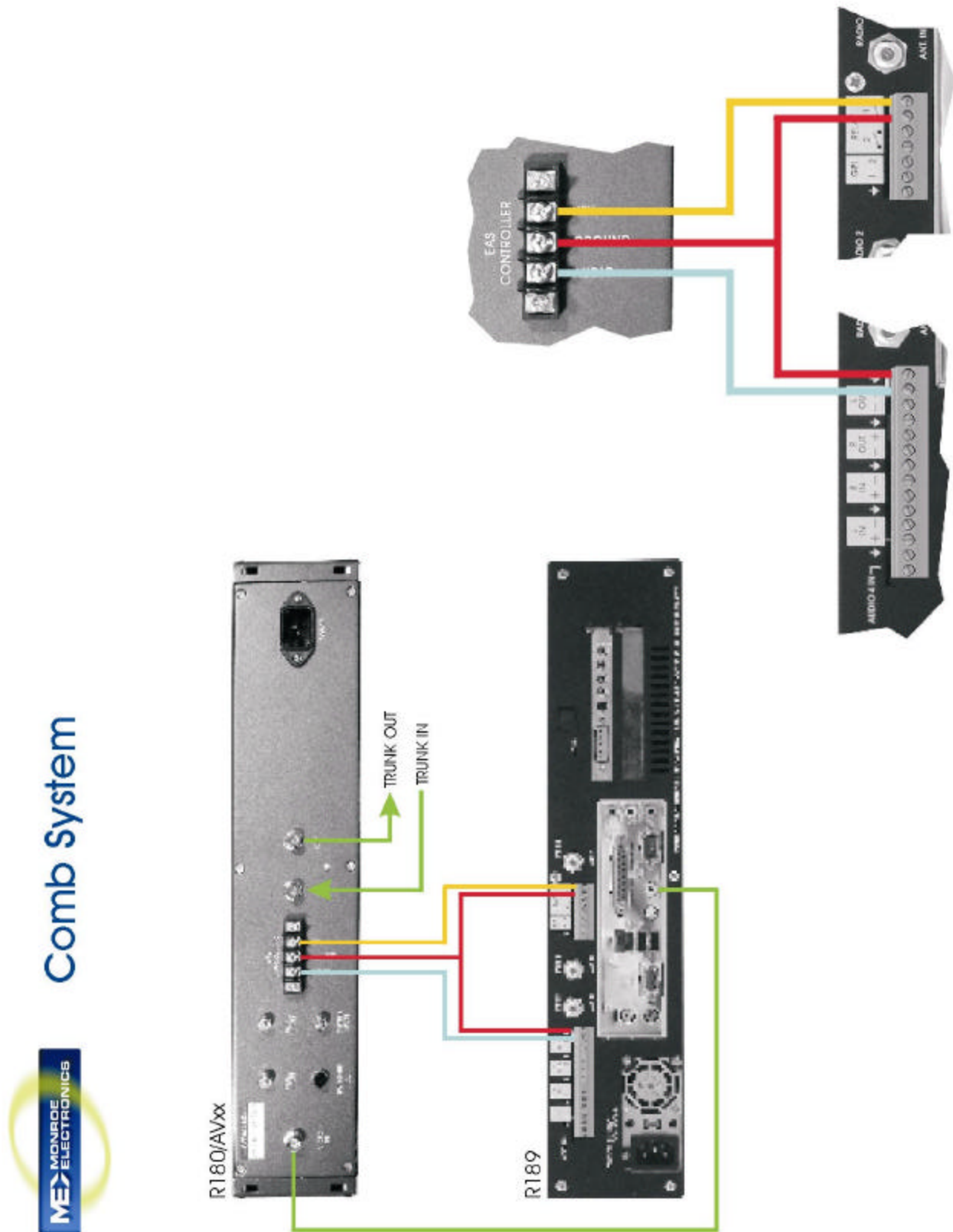
Accept Typed Frequency Change Cancel Typed Frequency

[This radio provides audio for Decoder 'R1'](#)

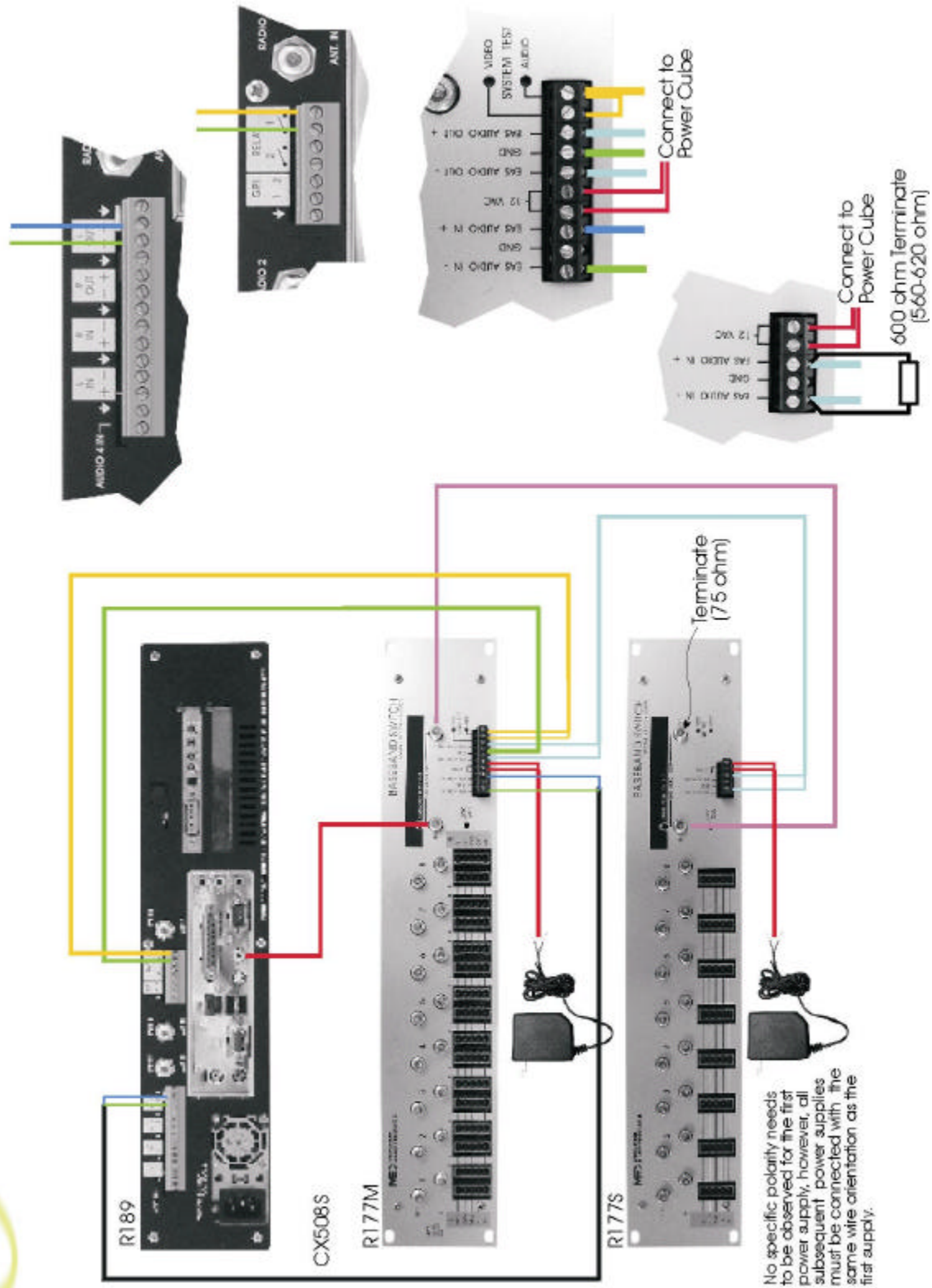
Back Refresh Current Status On Log

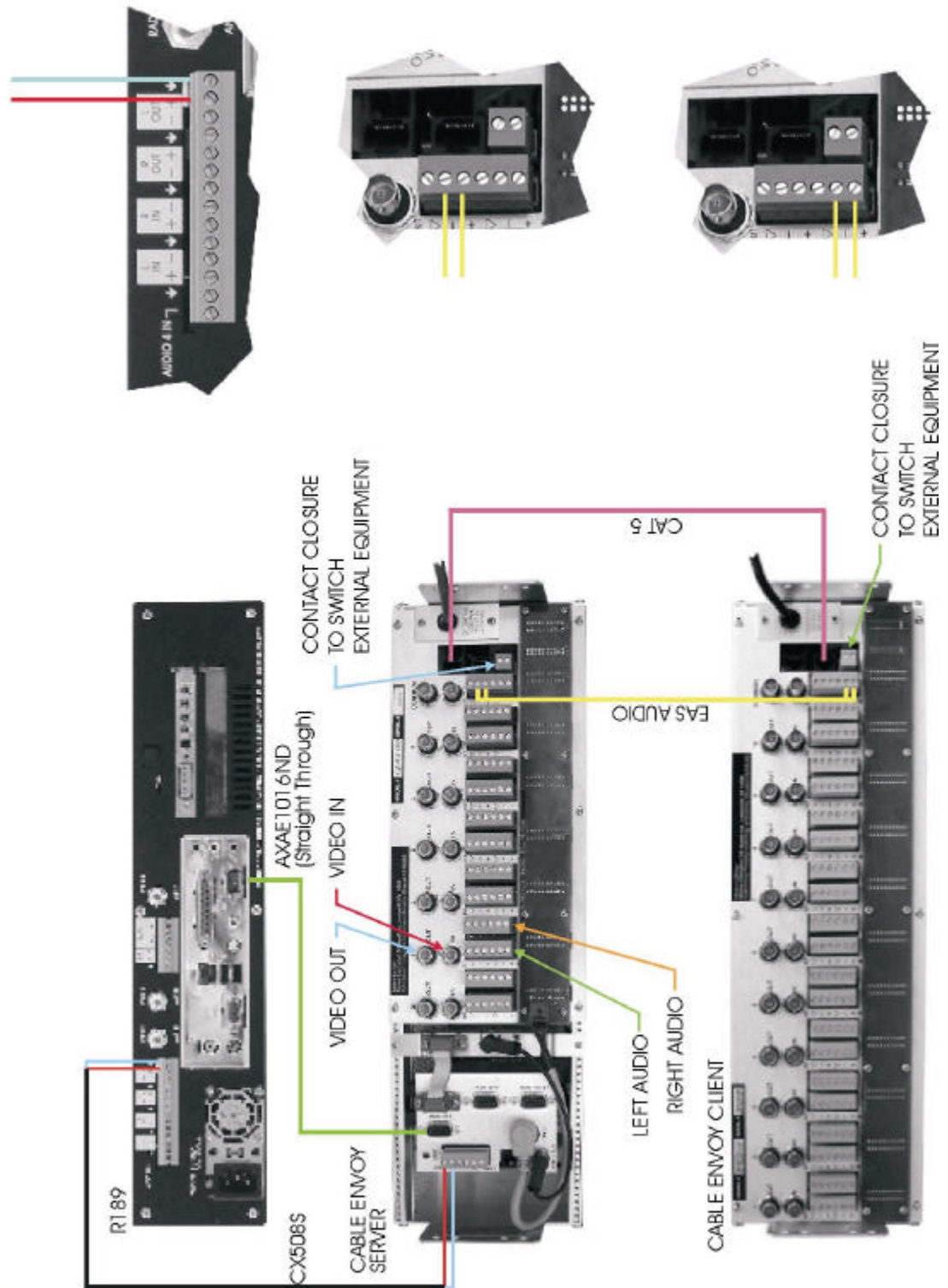
Internet

10. Connecting the cables



Baseband System







Your basic setup for the One-Net is complete. If you used a Monitor, Keyboard and mouse directly connected to the One-Net to do your programming please do the following.

- Right click on the desktop and click on “Logout” to exit the desktop. The unit will return to a command prompt and is ready for operation.

If you programmed the One-Net from a PC either directly connected or through your LAN, your One-Net is ready for operation.