COMPASS CONTROL®

PROFESSIONAL

Ashly NE
Module Setup Guide

Key digital®

About:

NE Series amps offer ease of use, setup and control using standard 10/100 Ethernet protocol and Protea™ NE Software. No special outboard control units are needed.

Add Module:

Please open Compass Navigator for setup.

In Compass Navigator, open the desired project to add the Ashly NE module. Please note that each Ashly NE Unit requires its own Ashly NE Module for control. Add as many modules as required.

Setup Communication:

NE units are controlled over UDP on Port 3100.

In Compass Navigator, please insert the IP Address under Device Properties. Please note that each NE unit requires its own module. Apply the IP Address to each module accordingly.

Setup Login:

In Compass Navigator, click on the NE device properties tab located under IP Devices. If the Interface is password protected, then enter the password under "Password" and the username under "Login". Click on "Login type" and set the value to "Common". These credentials are required for proper operation. For convenience, the module is set up to use the default username and password.

Variable Setup in Module Editor Mode:

Using Compass Navigator, right click on the NE device and click "Edit Module" to edit the Ashly NE module with Module Editor (also located in the project's "_res" folder).

In Compass Navigator Module Editor, click on the Variables tab located under Controller Designer. Here you will find the variables that must be set to control the Ashly NE unit.

#1 - In the variables tab, click on the variable, _Programmer_AshlyNE_Mac_Address. Fill in the NE unit MAC address separated with colons. Address must be separated by colons and no other separator. Example… 12:AB:34:CD:56:EF

#2 - In the variables tab, click on the variable, _Programmer_AshlyNE_Input_Names array. In the Variable Properties window, locate "Variable Type" and change the "Any" value with the actual number of Inputs in the system. Next, locate the "Initial Value" field and click on the "…" button. For each Input number, fill in each line with the input name, one name per line. The module will not work with undefined inputs.

#3 - In the variables tab, click on the variable, _Programmer_AshlyNE_Output_Names array. In the Variable Properties window, locate "Variable Type" and change the "Any" value with the actual number of Outputs in the system. Next, locate the "Initial Value" field and click on the "…" button. For each Output number, fill in each line with the output name, one name per line. The module will not work with undefined outputs.

Setup Complete

The module setup is complete. Save the module and open the project back up. Upload and update the project for use.

Controlling the Mixer
Pressing the "Mixer" button brings up the Mixer controls. By default, Output 1 is displayed. To select a new output, press the "Mixer" button again to bring up the Mixer menu. Selecting a new output will bring up the controls for that output. For convenience, the output name is displayed next to the "Mixer" button after the menu closes.

Graphical Interface Issues
If the app seems unresponsive and the interface hasn't updated, then press the Device Image icon on the top left to bring up the settings menu. Press "Refresh Info" to refresh the connection.

Compass Control® Pro Offers:

- Preset Control

- Input Control
  - Input Name Display
  - Gain
  - Mute
  - Polarity

- Output Control
  - Output Name Display
  - Gain
  - Mute
  - Polarity

- Mixer Control
  - Input and Output Name Display
  - Gain
  - Mute
  - Input/Output Routing