Welcome to Magic DXLink Configurator

Configurator is a program that integrates unit discovery and telnet commands to ease configuration and management of AMX DXLink devices.

Features include:

- Detecting when a DXLink device receives a DHCP address.
- Gather information on DXLink devices for an entire subnet.
- Quickly configure multiple DXLink devices to connect to a master, check firmware version loaded and current configuration.
- Use “send command” on a single device or multiple devices at once.

This help file contains instructions for using Magic DXLink Configurator, and descriptions of all elements of the program.

You can interact with the program using the Menu bar or by right clicking a device in the list.

Menu Bar

- File
    - Import
        - Import from a CSV Spread Sheet
            - Imports a list of devices from an exported spread sheet
        - Import IP list
            - Imports a saved list of IP addresses.
        - Import Plot
            - Imports a saved MSE plot
    - Export
        - Export to a CSV File
            - Stores all selected devices information in a CSV file
    - Quit
        - Quits the program
- Edit
    - Select
        - Select all or none
    - Preferences
        - Set program preferences

- Actions (preform action on all selected items in the list)
    - Update device information *
        - Attempts to connect to the selected device(s) and get all the information about that unit
    - Configure Device *
        - Set device settings:
            - Hostname
            - DHCP/Static
            - IP address
            - Subnet
            - Gateway
            - Master IP
            - Device number
    - Send Commands *
        - Send commands via telnet to control/query the device
    - Reset Factory *
        - Resets the settings on the device(s) to factory defaults
    - Reboot Device*
        - Reboots the selected device(s)
- Tools
    - Ping Devices
        - Launches a window that will continuously ping selected devices
    - Plot MSE
        - Plots MSE values for the device over time
    - Add a line item
        - Manually adds an item to the list that you can edit by double clicking
    - Generate a IP list
        - Generates a sequential list of IP's
    - Generate DGX list
        - Generates a list of DGX card names for checking MSE values
- Identify
    - Turn on LED's
        - Turns on front panel LED's for easy unit identification
    - Turn off LED's
        - Turns off front panel LED's for easy unit identification
- Listen
    - Listen for DHCP requests
        - Used to enable or disable displaying of DHCP broadcast request messages
    - Filter AMX devices DHCP requests
        - Filters DHCP requests to only show devices with AMX MAC addresses (00:60:9F:XX:XX:XX)
- Delete
    - Delete an item *
        - Deletes selected item(s) in list
    - Delete all items
        - Deletes all items in list

*these items are also available in the right click menu

First use

On first start up you should set your preferences:

Edit → Preferences

- Set the Master Address of the Master you will be using, this address will be used to auto fill configuration, however it can be changed at the time if needed.

- Set the Device number, this will set the default device number, this device number will be used to auto fill configuration, however it can be changed at the time if needed.

- Display successful connections, by checking this box every time a connection is successfully made you will receive a pop up window. If you disable this, you will only receive notifications if there is an error.

- Select the columns you want displayed in the main screen.

**** On a DHCP network ****

At this point the program will listen for DHCP requests as devices are added to the network. If you want to see what IP a device is receiving, reboot that device and when it requests a DHCP address from the DHCP server, it will be automatically added to the list.

**** On a non-DHCP network****

If you have a list of IP's of the units you wish to connect to, enter these IP's in a single column in a spread sheet. Export this as a CSV file and then click File → Import IP list and select the CSV file you created.

You can also automatically generate a sequential list of IP's by clicking Tools → Generate IP list.