Integration Note

Manufacturer:	Wave Electronics
Model Number(s):	**MX0404, MX0808**
Core Module Version:	g! 8.2
Comments:	
Document Revision Date:	19/02/2019

OVERVIEW AND SUPPORTED FEATURES

The MX0x0x matrix switchers, supporting HDMI 2.0a, HDCP 2.2, up to 4K60 video resolution. These switches allows any source (Blu-ray, UHD Blu-ray, satellite receiver, game consoles, PCs, etc ...) to be shown on any of the connected displays. This matrix equalizes and amplifies the output to ensure the HDMI signal can be transmitted through long HDMI cables without loss of quality.

THE FOLLOWING FEATURES ARE SUPPORTED (DEPENDING ON MODEL):

- Audio/Video Switching
- Independent Audio Switching
- CEC Power Control
- Preset (Save and Recall)

THE FOLLOWING FEATURES ARE NOT SUPPORTED

Any feature not specifically noted as supported should be assumed to be unsupported.

CONFIGURATION

It is recommended that the unit is installed and configured by a suitably qualified engineer, prior to integration with this driver.

g! CONFIGURATION

The release package contains 4 driver files for IP and serial (rs232) control of unit:

- Wave Electronics MX0404_ip.EDRVC

- Wave Electronics MX0404_serial.EDRVC

- Wave Electronics MX0808_ip.EDRVC

- Wave Electronics MX0808_serial.EDRVC

It is recommended that you follow the below installation process to ensure you are running the latest version of the driver.

1.   Obtain the latest version of the driver, as described above, and ensure you know the location of the extracted EDRVC driver files on your computer's hard drive.

2.   Right click on the Zone Controllers heading and select Add New Zone Controller.

3.   From the Add New Zone Controller window, choose Search Folder and navigate to your driver location, before clicking OK. The upgrade location is now set.

4.   Select the driver you require and click OK. The driver will be added underneath the Configurator Zone Controllers heading.

As the upgrade location is now set (step 3), for any future driver release you can update the driver by selecting the driver under the Zone Controllers heading, and on the driver screen, click on Update Driver. The installed version of the driver will be overwritten.

g! CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to the pre-amplifier. Please refer to the Configurator Reference Guide for more details. In the table below:

- o   "<User Defined>", etc.   Type in the desired name for the item.
- o   "<Auto Detect>", etc.   The system will auto detect this variable.

Devices	Variable Name	Settings (Ethernet)
Zone Controllers	Name	<User Defined> (Default: <Auto Detect>)
	System #	<Auto Detect>
	Driver Version	<Auto Detect>
	Device Type	Wave Electronics MX<Matrix Input/Output Configuration.>
	IPAddress	<User Defined>
	Port	<User Defined> (Default: 23)
Sources	System #	<Auto Detect>
	Source Device	<Select from list>
	Display Icon	<Select from list>
	Source Volume	<Auto Detect>
	Display Name	<User Defined>
Zones	Name	<User Defined> (Default: <Auto Detect>)
	System #	<Auto Detect>
	Universal Receiver	<Select from list>
	Display 1	<Select from list>
	Display 2	<Select from list>
	Slave Zone 1	<Select from list>
	Slave Zone 2	<Select from list>
	Turn On Source	<Select from list>
	Hide Volume	<Select from list>
	Audio Return Input	<Select from list>

g! CONFIGURATOR EVENT MAPPER

Open Configurator and navigate to Event Mapper tab where you can add commands.
New event maps can be added by right-clicking on "Event Maps" and clicking "Add New Event Map"
Commands can be added by click "ADD" in the bottom right.

There are commands which can be selected from the drop down menu shown below for the device.
The list of commands (including zone and source commands):

- Recall Preset (Model Dependent)

- Save Preset (Model Dependent)

- Reboot

- CEC On (Zone Command)

- CEC Off (Zone Command)

- Switch All Zones to Source (Source Command)

USER COMMANDS

No user commands are available for this driver.