ANALOG WAY LIVECORE^{TM}

Module: GENERAL

AMX NETLINX

Date: **January 03, 2017**
Driver version: **V3.01**
Compatible with: **LiveCore^{TM} Firmware v04.00.x or above**

INTRODUCTION

This module is the core module for controlling LiveCore^{TM} series processors. Even if you use only one optional module, the GENERAL module must be included in the project. This module mainly provides global TAKE feature, LiveCore^{TM} processor information feedback as well as some remote control functions.

IMPLEMENTATION

To interface this module in an AMX program, the programmer must perform the following tasks:

- Include the LiveCore_General module in the main program and adjust specific module parameters (see example program available with this package).

COMMANDS

Command Control

None

Channels

The channels supported by the GENERAL module are listed below.

Channel code	Description
1	Initiate IP connection
2	Stop IP connection
11	Read the LiveCore™ processor type
12	Read the LiveCore™ processor version
13	Read the LiveCore™ processor Updater version
14	Read the number of controllers connected to the LiveCore™ processor
15	Read the LiveCore™ processor TPP build version
21	Enable or disable the automatic filling of the global screen list (when loading a Master Preset from memory)
22	Launch a global TAKE. This command uses the global screen list to determine which screens will be affected
31 à 38	Include a screen in the global screen list or exclude a screen from the global screen list (channel 21 for screen 1, channel 32 for screen 2, …)
248	Send a 'magic packet' to the Livecore LiveCore™ processor (Wake On LAN)
249	Shutdown the LiveCore™ processor and enable Wake on LAN function
250	Shutdown the LiveCore™ processor (manual restart only, WOL will not be enabled)
251	Reboot the LiveCore™ processor
255	Module initialization (automatically performed after being connected). When done, any other modules included and declared in the project will be initialized.

FEEDBACKS

Channels

The channels supported by the GENERAL module are listed below.

Channel code	Description
11 à 18	Output HDCP status (channel 11 for output 1, channel 12 for output 2, …)
21	Indicate whether the automatic filling of the global screen list option is enabled (when loading a Master Preset from memory)
22	Global TAKE status. Remains at 1 until all the individual screen "TAKE" actions have been successfully completed
31 à 38	Indicate whether a screen is included into the global screen list (channel 31 for screen 1, channel 32 for screen 2, …)
253	IP connection status
255	Module initialization status

Levels

The levels supported by the GENERAL module are listed below.

Level code	Description
1	Number of valid screens
3	LiveCore™ processor global status: 0: unknown device state 1: initializing device 2: recall memory (internal memory or file configuration) 3: coupling in progress 4: factory reset in progress 5: update in progress 255: device ready

Texts

The texts supported by the GENERAL module are listed below.

Address code	Description
1	LiveCore™ processor type
2	LiveCore™ processor version
3	LiveCore™ processor Updater version
4	Connected controllers count
5	LiveCore™ processor TPP build version

6	LiveCore^{TM} processor global status
11..19	LiveCore^{TM} processor output text description (11 for output 1, 12 for output 2, …)
21	End user messages