

# **ANALOG WAY MIDRA**

## **Module: SCREEN PRESETS**

### **AMX NETLINX**

Date: **April 16, 2014**  
Driver version: **V1.10**  
Tested with: **Midra Firmware v01.01.03 and v01.02.11**

## **INTRODUCTION**

This is an optional module for controlling Midra series switchers. This module allows you to recall Presets on the Main or on the Preview for a given screen. Consequently, one module per screen has to be implemented in the project.

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## IMPLEMENTATION

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

- Include the Midra\_Screen\_Presets module in the main program project. This module must be implemented and configured in the program as many times as the number of screens configured and controlled on the Midra switcher (see example program available with this package).
- Edit the file Midra\_User\_Definitions.axi: If the SCREEN PRESETS module is used in the main program and that one or more instances have been declared then you must assign the value 1 to the corresponding variables Midra\_Screen\_PresetsX\_Usage (where X is the screen number). If this is not the case, the value of these variables must remain at 0.

## COMMANDS

### Command Control

None

### Channels

The channel codes supported by the SCREEN PRESETS module are listed below.

Channel code	Description
21.. 32	Change filtering properties when recalling presets on the Main:
21	Disable all filters
22	Enable or disable Auto-Scale filter
23	Enable or disable Source filter
24	Enable or disable Pos/Size filter
25	Enable or disable Transparency filter
26	Enable or disable Cropping filter
27	Enable or disable Border filter
28	Enable or disable Transition filter
29	Enable or disable Timing filter

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	30 Enable or disable Effects filter 31 Enable or disable Audio layer filter 32 All filters enabled (useless)
41..52	Change filtering properties when recalling presets on the Preview:  41 Disable all filters 42 Enable or disable Auto-Scale filter 43 Enable or disable Source filter 44 Enable or disable Pos/Size filter 45 Enable or disable Transparency filter 46 Enable or disable Cropping filter 47 Enable or disable Border filter 48 Enable or disable Transition filter 49 Enable or disable Timing filter 40 Enable or disable Effects filter 41 Enable or disable Audio layer filter 42 All filters enabled (useless)
253 (not 255 like the other modules)	Module initialization (automatically performed after being connected).

### Levels

The level codes supported by the SCREEN PRESETS module are listed below.

Level code	Description
121	Recall Preset X on the Main. Level 121 value is the Preset number (1=>8)
122	Recall Preset X recall on the Preview. Level 122 value is the Preset number (1=>8)



## FEEDBACKS

### Channels

The channel codes supported by the SCREEN PRESETS module are listed below.

Channel code	Description
255	Module initialization status

### Levels

The level codes supported by the SCREEN PRESETS module are listed below.

Level code	Description
123	Last Preset recalled on the Main. Level 123 value is the Preset number (1=>8)
124	Last Preset recalled on the Preview. Level 124 value is the Preset number (1=>8)
125	Preset loading status

