# ANALOG WAY MIDRA

# Module: SCREEN PRESETS

# AMX NETLINX

Date:             **October 16, 2017**
Driver version:   **V1.11**
Tested with:      **Midra Firmware v02.00.15**

## 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.

ANALOG WAY
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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: <br><br> 21    Disable all filters <br> 22    Enable or disable Auto-Scale filter <br> 23    Enable or disable Source filter <br> 24    Enable or disable Pos/Size filter <br> 25    Enable or disable Transparency filter <br> 26    Enable or disable Cropping filter <br> 27    Enable or disable Border filter <br> 28    Enable or disable Transition filter <br> 29    Enable or disable Timing filter |

| | | |
|---|---|---|
| | 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 |