

INTRODUCTION

AMX driver for LivePremier™ series V4.0

compatible with LivePremier firmware v4.0.254 or higher



ANALOG WAY®

Introduction

This document describes the driver interface provided between an AMX NetLinx system and a LivePremier™ series processor.

Package content

The package contains the following components:

- the *.tko library files
- the *.axi file for parameters definition
- a Netlinx Studio project sample
- a TPDesign project sample for iPad (one for TPDesign4 and one for TPDesign5)
- the documentation

Key features

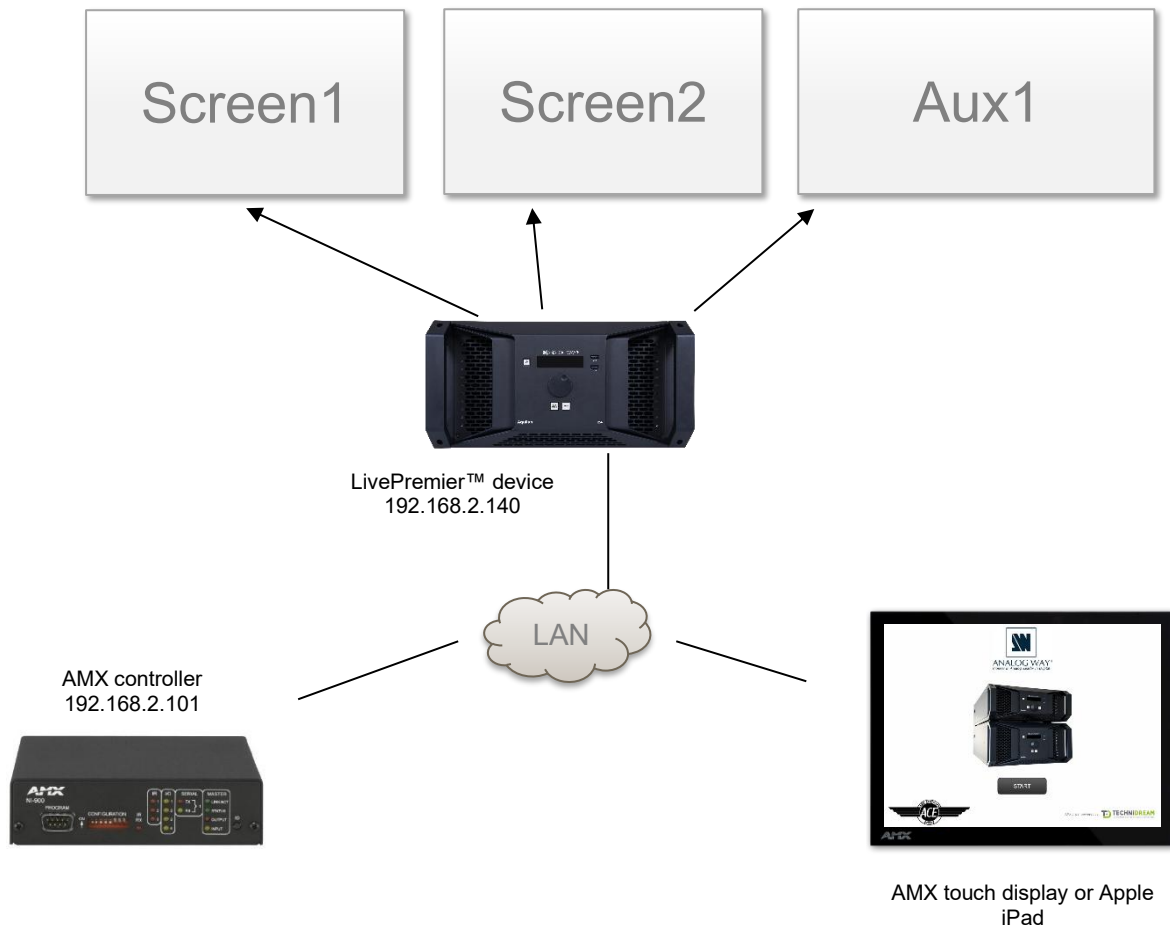
- Compatible with any AMX NetLinx® control systems and with any LivePremier™ processor
- Recall a Screen memory to Program or to Preview screen destination
- Recall a Master memory to Program or to Preview destination
- Transitioning the Preview content to the Program
- Control device (reboot, shutdown, sleep or wake over LAN)

Requirements

- Any Analog Way LivePremier™ live presentation switcher (Aquilon RS alpha, Aquilon RS1, Aquilon RS2, Aquilon RS3, Aquilon RS4, Aquilon RS5, Aquilon RS6, Aquilon Cmini, Aquilon C, Aquilon C+ and Aquilon Cmax) with firmware 4.0.254 or higher
- Any AMX NetLinx® control systems with Ethernet connection
- Any AMX compliant display

Configuration and settings for running the example

The example provided within the package has been designed to control a LivePremier™ live presentation switcher with two Screens (Screen 1 and Screen 2) and one Auxiliary output (Aux 1). Before running this sample, please make sure your configuration (as well as the IP addresses) matches the diagram below:



The example also uses few screen presets and master presets that should be created with the Web RCS before running it.

Of course, you can reuse this example as much as necessary to implement your own solution.

Using the example

Launch the AMX NetLinx Studio program then connect the AMX controller (see menu **Settings / Master Communication Settings** menu). For more information about this topic, read the corresponding AMX documentation.

2 - Load the LivePremier_v4.00.apw project (located in the provided package **Example - Software and Driver** directory) then edit the file LivePremier_User_Definitions.axi to change the default settings. Compile the sample project then transfer it to the AMX controller (see menu **Tools / File Transfer**). If successful, the controller automatically reboots and runs the sample program.

3 - Load the TPDesign sample project for iPad (one project available for TPDesign4 and one available for TPDesign5), located in the provided package **Example - Panel** directory. Once the selected file loaded, you can transfer it to the panel (see menu **Transfer / Send to Panel**).

Important: To transfer the project to an iPad device, it is mandatory to use the AMX TPTransfer program (and not TPDesign).



Example configuration customization

To use this driver in a LivePremier™ AMX program, the programmer must perform the following tasks:

- Include both the LivePremier_User_Definitions.axi and LivePremier_Definitions.axi files into the application project. These two files must appear before the declaration of the driver modules themselves.
- Open the LivePremier_User_Definitions.axi file and configure the MAC address, the IP address and the port of the LivePremier™ processor as well as the different device numbers (touch panel, LivePremier™ device, AMX controller ...).
- DO NOT CHANGE the file LivePremier_Definitions.axi.



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