

ANALOG WAY LIVEPREMIER™

AMX NETLINX

Date: **January 04, 2021**
Driver version: **V1.00**
Compatible with: **LivePremier™ Firmware v02.00.x or above**

INTRODUCTION

All modules included in package must be included in the project. These modules mainly provide presets, master presets, TAKE and global TAKE feature, LivePremier™ 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 (see example program available):

- Include the LivePremier_Proc_Com module in the main program
- Include the LivePremier_Screens module in the main
- Include the LivePremier_Presets module in the main
- Include the LivePremier_MasterPrets module in the main

```
DEFINE_MODULE 'LivePremier_Proc_Com' LivePremier_Proc
```

```
(  
    LivePremier_Machine,  
    LivePremier_Machine_UDP,  
    LivePremier_Mac_Adress,  
    LivePremier_Adresse,  
    LivePremier_Port,  
    LivePremier_Proc_COM,  
    LivePremier_Modules_Array,  
    LivePremier_General_Panel  
)
```

```
DEFINE_MODULE 'LivePremier_Screens' LivePremier_Screens_Com
```

```
(  
    LivePremier_Proc_COM,  
    LivePremier_Screens_COM,  
    LivePremier_General_Panel  
)
```

```
DEFINE_MODULE 'LivePremier_Presets' LivePremier_Presets_Com
```

```
(  
    LivePremier_Proc_COM,  
    LivePremier_Presets_COM,  
    LivePremier_General_Panel  
)
```

```
DEFINE_MODULE 'LivePremier_MasterPresets' LivePremier_MasterPresets_Com
```

```
(  
    LivePremier_Proc_COM,  
    LivePremier_MasterPresets_COM,  
    LivePremier_General_Panel  
)
```

Edit the file LiveCore_User_Definitions.axi and adjust user parameters:

- **CONSTANT**

- *IPad_Num_Device* = 10001
set with your real panel device number
- *Virtual_LivePremier_Panel* = 33001
set with your virtual panel number
- *Virtual_LivePremier_Num_Device* = 34001
set with your virtual device number

- *DEVICE*
 - *LivePremier_Machine= 0:3:0*
set with your device number.port.system
 - *LivePremier_Machine_UDP = 0:4:0*
set with your device number.port.system for WOL (wake on lan)
- *DEFINE_VARIABLE*
 - *INTEGER LivePremier_Port = 10606*
LIVEPREMIER TCP PORT (Default port is 10606)
 - *CHAR LivePremier_Adresse[]='192.168.2.140'*
LIVEPREMIER IP ADDRESS
 - *CHAR LivePremier_Mac_Adress[]={0x80,0x1F,0x12,0x39,0x64,0x38}*
LIVEPREMIER MAC ADDRESS with hexadecimal notation {x,x,x,x,x,x}

Add definitions files to your projects:

- *INCLUDE 'LivePremier_User_Definitions.axi'*
- *INCLUDE 'LivePremier_Definitions.axi' //DO NOT MODIFY the CONTENT OF THIS FILE!*

COMMANDS

Command Control

- "IP_Connect" to connect LivePremier device
- "IP_Disconnect" to disconnect LivePremier device

Channels

The channels supported are listed below.

Channel code	Description
GENERAL	
1	Connect TCP Client to LivePremier™ (channel 3 for feedback)
2	Disconnect TCP Client from LivePremier™ (channel 3 for feedback)
4	Shutdown LivePremier™ - No feedback
5	Wake-On-Lan LivePremier™ (WOL must be enabled) - No feedback
6	Reboot LivePremier™ - No feedback
SCREENS	
10	Global TAKE - will transition all SCREENs and AUXs included in list - No feedback
11 to 34	SCREEN TAKE - 11 for Screen1 - 12 for Screen2 - ...
41 to 60	AUX TAKE - 41 for Aux1 - 42 for Aux2 - ...
61 to 84	Add SCREEN to global TAKE list - 61 for Screen1 - 62 for Screen2 - ...
91 to 110	Add AUX to global TAKE list - 91 for Aux1 - 92 for Aux2 - ...

Levels

The levels supported are listed below.

Level code	Description
PRESETS	
11..34	Preset selection for SCREEN PROGRAM (level 11 for Screen1, level 12 for Screen2, ...). The level value is the preset index (1 to 100) to be recall
41..60	Preset selection for AUX PROGRAM (level 41 for Aux1, level 42 for Aux2, ...). The level value is the preset index (1 to 100) to be recall
61..84	Preset selection for SCREEN PREVIEW (level 61 for Screen1, level 62 for Screen2, ...).

	The level value is the preset index (1 to 100) to be recall
91..110	Preset selection for AUX PREVIEW (level 91 for Aux1, level 92 for Aux2, ...). The level value is the preset index (1 to 100) to be recall
	MASTER PRESETS
211	Master Preset selection for PROGRAM The level value is the preset index (1 to 100) to be recall
212	Master Preset selection for PREVIEW The level value is the preset index (1 to 100) to be recall

FEEDBACKS

Channels

The channels supported are listed below.

Channel code	Description
3	TCP Client connection Status
61 to 84	Status of SCREEN into global take list – 61 for Screen1 – 62 for Screen2 - ... Off if not included in list – ON if included in list
11 to 34	SCREEN Take Status – 11 for Screen1- 12 for Screen2 - ... ON during Take transition
41 to 60	AUX Take Status – 41 for Aux1- 42 for Aux2 - ... ON during Take transition
91 to 110	Status of AUX into global take list – 91 for Aux1 – 92 for Aux2 - Off if not included in list – ON if included in list
111 to 210	Presets availability status
211 to 310	Master Presets availability status

Levels

The levels supported are listed below.

Level code	Description
111..134	Last preset recalled for SCREEN PROGRAM (level 111 for Screen1, level 112 for Screen2, ...). The level value is the preset index (1 to 100) to be recall
141..1.60	Last preset recalled for AUX PROGRAM (level 141 for Aux1, level 142 for Aux2, ...). The level value is the preset index (1 to 100) to be recall

161..184	Last preset recalled for SCREEN PREVIEW (level 161 for Screen1, level 162 for Screen2, ...). The level value is the preset index (1 to 100) to be recall
191..210	Last preset recalled for AUX PREVIEW (level 191 for Aux1, level 192 for Aux2, ...). The level value is the preset index (1 to 100) to be recall

Texts

The texts supported are listed below.

Address code	Description
1	User messages
111 to 210	Presets name
211 to 310	Master Presets name