

Overview

The IS-XPT-2100 (FG1232-100) "Player" is a self-contained solution for Inspired Signage software that delivers content to each display (FIG. 1) via the *Babel* (data integration) and *Player* (graphic) applications.



FIG. 1 IS-XPT-2100- FRONT PANEL

Features

- High-definition video/audio output at up to 1080p
- Small size
- Serial port control for attached display or other device using supplied USB to serial port cable
- Networked

Compatibility

Warning: This Player is only compatible with Composer 4.8 or higher. Refer to the running version of Composer to the right of the word Composer in the blue status bar at the top of the main Composer screen (Composer v4).

Additional Documentation

Refer to the *IS-XPT-2100 Installation/Reference Guide* available at www.amx.com) for more detailed instructions on configuring the IS-XPT-2100 including:

- an explanation of how to use the included VESA wall mounting kit
- a description of how to "clone" the IS-XPT-2100 output on two screens

Important Safety Markings

Note: Power supply cords shall have conductors with cross-sectional areas sufficient for the rated current of the equipment. Conductors shall be sized based on the requirements in the *National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Code, Part I, CSA C22.1. The length of a power supply cord shall not exceed 4.5 m.*

Product Specifications

IS-XPT-2100 PRODUCT SPECIFICATIONS	
Dimensions (HWD)	1.62" x 4.61" x 4.430" (41.25mm x 117.009mm x 112.52mm)
Power	DC 19V, 65 Watt
Environment	<ul style="list-style-type: none"> • Operating Temperature : 0 ~ +55°C (32 ~ 131°F) • Storage Temperature : -20 ~ +70°C (-4 ~ 158°F)
Operating System	Windows Embedded POSReady7 Operating System
Front Panel Components	
USB Port	1 USB 2.0 Port can be used for connecting a mouse/keyboard Note: The Player is designed to be used without a keyboard and mouse; they are not required for normal operation.
Rear Panel Components	
Power connector	65W (19V DC,3.42A) Input Voltage AC 100-240V 1.5A 50-60Hz
USB Ports	2 USB 2.0 Ports, can be used for connection a mouse/keyboard
Ethernet Port	RJ-45 Ethernet port provides Gigabit Ethernet communication between the Player and the Controller PC (which runs the <i>Inspired Composer</i> application). Connect the Ethernet port to the LAN
HDMI Ports	Two HDMI output ports provide HD video output to the display, via an HDMI cable.

Continued 1

Certifications	<ul style="list-style-type: none"> • UL/CSA 60950-1 / EN 60950-1 • IEC 60950-1 / NOM-019-SCFI-1998 • GOST-R / CISPR 22 • CISPR 24 / FCC 47 CFR Part 15, Subpart B • ICES-003 / EN 55022 • EN 55024 / EN 61000-3-2 • EN 61000-3-3 / IEC/EN 61000-4 Series • VCCI V-3 / KN-22 • KN-24 / CNS 13438 • Europe RoHS / China RoHS
Included Accessories	<ul style="list-style-type: none"> • One power adapter • One USB to serial port cable for control of external devices with a serial port e.g. the Player's monitor • One VESA/wall mounting bracket

Connections and Wiring

FIG. 2 shows the front and rear panel connectors:

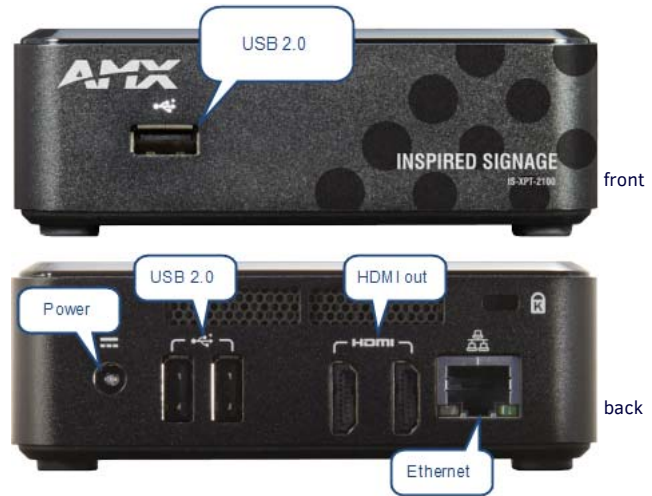


FIG. 2 IS-XPT-2100 - FRONT/REAR PANEL

Once the Player has been installed, and all cabling connections are complete, turn it on and wait for the diagnostic screen to appear before continuing to the next step. The diagnostic screen shows important information about the Player such as the network, display and NetLinX settings.

IS Player Diagnostic Screen

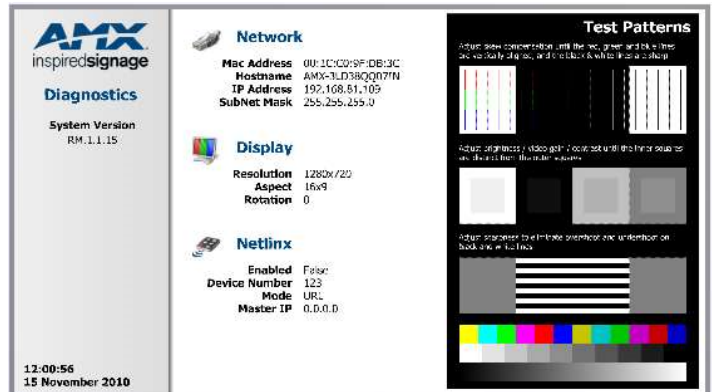


FIG. 3 DEFAULT PLAYER SCREEN - DIAGNOSTIC SCREEN WITH PLAYER IP ADDRESS

Player Web Configuration Tool

Login to the Player Web Configuration Tool to configure the Player.

Note the IP address on the Player diagnostic screen and enter this URL into Internet Explorer: <http://<Player IP>>, for example, <http://192.168.81.109>.

Note: The first time the Player Web Configuration Tool is used, it will automatically download the Microsoft Silverlight plugin for the browser (if it isn't already installed).

Note: Retain the Player IP address for future reference as it can be used when configuring the Player in Composer.

Once connected to the Web Configuration Tool, a wizard will guide you through configuring the new Player. The Player Configuration Wizard consists of three pages:

- **Screen** - Player display settings e.g. display resolution
- **Network** - Player Network settings
- **Language** - Player Date/Time and Locale settings

Complete each page and click *next* to continue to the next page.

Screen Resolution, Aspect Ratio, and Rotation Setting

The first page of the wizard is the screen configuration page. See FIG. 4



Screen Configuration

Output Resolution

Auto * (0 x 0)

800 x 600

1024 x 768

1280 x 720

1280 x 1024

1360 x 768

1920 x 1080

1280 x 1024 - Custom Width 1280 Height 1024

Output Aspect

Auto * (0 x 0)

4 x 3

16 x 9

16 x 10

5 x 4 - Custom Width 5 Height 4

Unable to read monitor EDID information..

Rotation

AMX inspiredsignage

0°

90°

180°

270°

Custom angle: 0°

FIG. 4 PLAYER SCREEN CONFIGURATION PAGE

Configure the Player Screen settings as follows:

1. The Player will attempt to select the best resolution for the attached display using the EDID (Extended Display Identification) system. If your display does not support EDID or if you wish to use a different resolution you can select an *output resolution* from the standard resolution options provided in the **Output Resolution** drop-down menu.
2. If you want to specify a custom output resolution, select **Custom** from the menu. With **Custom** selected, the **Custom Width** and **Custom Height** fields are enabled. Enter the desired resolution (width and height in pixels).
3. The Player will attempt to select a suitable aspect ratio for the attached display using the EDID system Alternatively you can select an *output aspect ratio* from the standard aspect ratio options provided in the **Aspect Ratio** drop-down menu.
4. If you want to specify a custom aspect ratio, select **Custom** from the menu. With **Custom** selected, the **Custom X** and **Custom Y** fields are enabled. Enter the desired aspect ratio.
5. To rotate the output display, select the desired degree of counter-clockwise rotation from the **Rotation (Counterclockwise)** drop-down menu. The default setting is **0** (zero = no rotation). Other settings are 90, 180, and 270. Use the first and last of these settings if the Player is displaying portrait content or if the display is mounted on its side. Select 180 degrees if the display is mounted upside down.
6. Click *Save* to save your changes.

Network Settings

The next page of the wizard is the network configuration page. This screen is used to configure the Player network settings

Player Networking Overview

The IS-XPT-2100 ("Player") must be connected to a network to update the Player's display content. This requires the following permanent network connections:

- A connection from the PC on which the Inspired Composer application is installed, for content updates
- A connection to the Internet, for News & Weather updates, RSS Feeds, etc. (*optional*)

The location of the Player in the network topology, and the choice of a PC to install the Inspired Composer content management software should be determined accordingly.

Note: To ensure connectivity between the Inspired Composer application and the Player, it is important that the IP address of the Player does not change.

Configure Network Settings

Set the Player Network settings as follows:

1. Enter a name for the Player in the **Host Name** field. The Host Name makes it easier to identify Players in a zero config enabled browser and in Composer.
2. By default, **DHCP** is enabled for the Player, in which case all of the TCP/IP fields are disabled. AMX recommends that you use DHCP and configure your DHCP Server to prevent the Player IP address from changing.
3. To manually configure these settings, de-select **DHCP** and enter the desired *Machine IP, Subnet Mask, Default Gateway and Primary/Secondary DNS* values in the respective fields. Ask your Network administrator for these values.
4. Click *Next* to continue.

Time Zone and Date/Time Settings

Use the options in the *Regional Configuration* page to access the Time Zone, Locale, and current Date & Time settings for the Player:

1. Set the date for the Player by entering a date in the date field or by using the calendar icon.
2. Set the Player time by entering the time in 24 hour notation.
3. Set the Player locale using the Language drop down menu, this affects the way dates are displayed on the Player.
4. Set the Player Time Zone, select the appropriate time zone from the **Time zone** drop-down menu.
5. Click on *Save* to retain the new settings.

Restarting The Player

After saving the Time Zone, Date/Time, and Display settings, the system prompts to restart the Player to apply the changes made in the three sections of the Player configuration wizard. the Player is now ready to start using. Refer to the *IS XPert 2100 Operation/Reference Guide* for further information.

Turn off the Player Diagnostic Screen and Change Player Password

Proceed as follows:

1. Connect to the Player Web Configuration Tool using the IP address on the Player diagnostic screen by entering the following URL into Internet Explorer: <http://<Player IP>>, for example, <http://192.168.81.98>.
2. Login to the Player to change settings as follows:
 - a. Click the *Login* button in the left hand Web Configuration Tool pane.
 - b. Enter the default username and password as follows:
User = Administrator
Password = administrator
3. Click *Liveview* in the left hand pane and select **hide diagnostics** in the right hand pane. The Player should no longer display diagnostic information on the screen.
4. Change the password for the Player by clicking *Change Password* in the left hand pane. Enter your current password and the new password you wish to use. You are now ready to publish content to this Player using Composer.



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