
Industrial Plasma Display Panels – Introduction to the Key Digital HD Xplorer™ Card

OVERVIEW:

Key Digital develops and manufactures technology solutions for high quality video imaging needs. Along with other add-on products, Key Digital built the [HD Xplorer™ with HDMI](#) expansion card to provide multiple digital and analog inputs with a full-function digital video processor. The card converts an input video signal into the native resolution of the Pioneer professional (CMX Series) plasma display monitor panels. Although Pioneer certification for this card is pending, many customers are successfully using it with the industrial panels.

Four HDMI inputs supporting HDCP ensure the panel displays the best possible video image. In addition, there are separate analog video input connectors for RGB(HV), Component Video (YPbPr), S-Video, Composite Video.

The type of businesses currently employing Pioneer industrial panels with the Key Digital HD Xplorer card are as follows:

- Broadcast Studios
- System Integration Solutions
- Home Theater Installations



(Pioneer certification pending)

TECHNICAL DETAILS:

The Key Digital HD Xplorer card for Pioneer industrial plasma panels provides the following support:

- Four (4) HDMI Inputs supporting HDCP
- One (1) RGBHV Input
- One (1) Component (YPbPr) Input
- S-Video Input Supporting NTSC and PAL
- Composite Input Supporting NTSC and PAL
- Analog Audio Stereo Pair Input and Output
- SPDIF Digital Audio Input and Output
- Supports 480i, 480p, 720p and 1080i video input formats
- Has its own On-screen Display and IR Remote that is easy to operate
- Firmware Upgradeable
- Built-in Test Patterns

The HD Xplorer kit includes the following items:

- HDxplorer with HDMI card
- Two (2) Audio Cables
- One (1) Firmware Upgrade Cable
- IR Remote Control with Batteries

ADDITIONAL INFORMATION:

For more information on the Key Digital HD Xplorer with HDMI expansion card, please contact.

[Key Digital](http://www.keydigital.com) ([http:// www.keydigital.com](http://www.keydigital.com))

(914) 667-9700

For questions not answered here or for other information about the plasma panels, refer to the Pioneer Electronics website (www.pioneerelectronics.com). For assistance please contact your Pioneer representative or Pioneer Service at (800) 872-4159 or via email

customer.support@PioneerService.com