

QUICK START GUIDE

PIX-E7

Field Recording Monitor



VIDEO  **DEVICES**

VIDEO PRODUCTION TOOLS BY **SOUND**  **DEVICES**

Welcome

Thank you for purchasing the Video Devices PIX-E7 recording field monitor. This recording field monitor is extremely versatile, with many advanced features and capabilities, such as both HDMI and SDI inputs and outputs.

Your purchase includes:

QUANTITY	ITEM
1	PIX-E7 recording field monitor
1	PIX-E PSU (power supply unit)
1	USB boot cable
1	Product registration card
1	PIX-E7 Quick Start Guide
>1	Video Devices promotional stickers

This Quick Start Guide provides the necessary steps to setup and begin using your monitor right out of the box. It also provides a brief overview of features, warranties, and licensing information.

Read & Register

Sound Devices, LLC strongly encourages you to register your product. Registration ensures you will receive timely product updates.

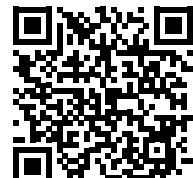
For a full description of all product features, user-based procedures, specifications, and any safety information, please refer to the product’s User Guide located on the Video Devices website. Use the QR code or respective link below to access the guide.

Full User Guide



www.videodevices.com/download/guides/PIX-E7ug_en.pdf

Register Your Product



www.videodevices.com/support/registration/

Email Support



support@sounddevices.com

Call Support



1-608-524-0625
1-800-505-0625

1. Attach Power

The PIX-E7 has two powering options. It may be powered from an external DC power source, using the PIX-E PSU (power supply unit) included with the monitor. It may also be powered with one or two removable, rechargeable, lithium-ion batteries, such as the Sony® L Series batteries (not included).

To mount an L Series battery:

1. Position the battery so its two terminals line up with the tips of the two gold-plated pins on the monitor.
2. Press the battery against the monitor to depress the spring-loaded retainer clip and slide the battery onto the pins. The retainer clip will spring up with a click to let you know the battery is secure.

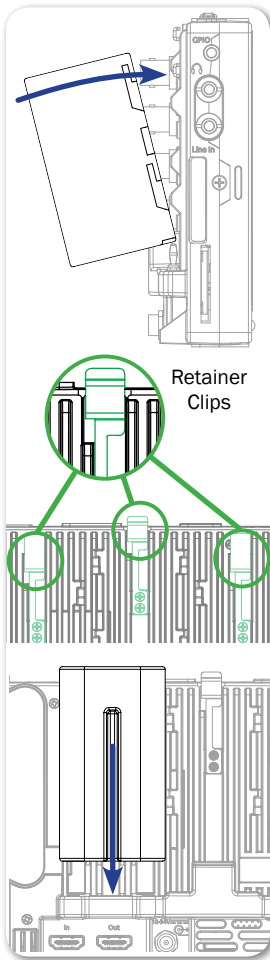
To remove a battery:

- ▶ Depress the retainer clip and slide battery off of pins.

To connect external power:

1. Plug one end of the PIX-E PSU into the monitor's DC input, centered at bottom of back panel.
2. Screw the connector in place to secure it.
3. Plug the other end of the PIX-E PSU into a standard AC wall outlet.

When on, the monitor displays the voltage levels of all available power sources as part of the on-screen display (OSD).



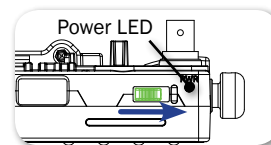
2. Power Up

To turn on the monitor:

- ▶ Slide the Power switch to the right.

Located on the top panel next to the Power switch, the green power LED will illuminate, and the Video Devices splash screen will appear on the 7-inch LCD.

Note: PIX-E monitors have a very powerful processor and operating system, so it takes up to 45 seconds to boot the first time. However, the QuickBoot™ feature reduces subsequent boot times throughout the rest of the day to just a few seconds. To use QuickBoot, keep a power source connected and use the Power switch to turn the monitor on and off.



3. Touch Screen and Buttons

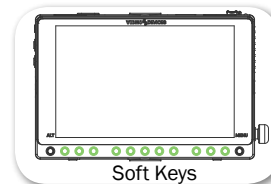
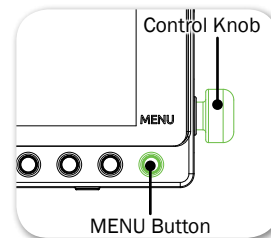
The monitor's user interface features the best of both worlds in navigation options. Tap the touch-screen for quick adjustments or, keep the screen free of fingerprints by using tactile controls, such as soft key buttons and the Control knob.

To view the Main Menu:

- ▶ Press the MENU button. You can then use the touchscreen or Control knob to navigate the menu.

Note: Press the MENU button to exit and return to live view.

Between the ALT and MENU buttons are 11 soft key buttons. Text labels above the soft key buttons indicate each button's current function. Their primary functionality is set to toggle monitoring tools on/off, such as: peaking, zebras, scopes, and more. However, the soft key buttons are multi-functional; their alternative functionality includes accessing the File List and Audio screens, and acting as transport controls for recording and playback.

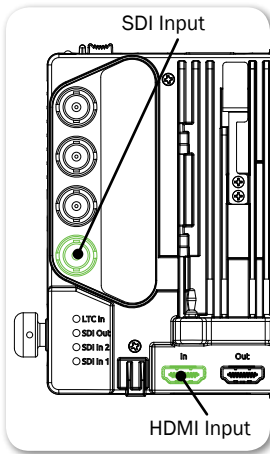


Press and hold the MENU button or soft key buttons to open menus that are superimposed over the image and provide access to commonly used settings. For more information, see “8. Using the Monitoring Tools” later in this guide, and the “Menus and Navigation” chapter of the PIX-E7 User Guide, online.

To toggle between monitoring and recording soft key functions:

- Press the ALT button. The displayed soft key labels above the buttons will change, indicating their current function.

Note: The Display soft key label appears as both a primary and alternate soft key function. Use the Display soft key button to hide or reveal OSD elements, such as soft key labels or information bars.



4. Connect Video Signal

Video Input/Output ports are located on the monitor’s back panel. The PIX-E7 can record and display signal from HDMI or SDI sources.

When the device is fully booted, the active video input signal, if present, will be displayed full screen.

To connect video signal:

1. Attach one end of a video cable to the appropriate output connector on your camera.
2. Connect the other end of the video cable to the appropriate input of the monitor.

To select the video input source to be monitored on the LCD:

1. Press the MENU button.
2. Turn and press the Control knob to select Video I/O > Video Input.
3. Select a video input: SDI 1, SDI 2, or HDMI, accordingly.

5. Set up Audio

The PIX-E7 monitor can record up to eight channels of audio (via Line In, HDMI, and SDI) to QuickTime (.mov) files. You may customize your audio setup by adjusting which channels are armed, modifying their names, configuring input sources, and setting gain levels.

To set up audio:

1. Press ALT to toggle the soft key functionality so that AUDIO appears as a soft key label.
2. Press the AUDIO soft key button to view the Audio screen.
3. Use the Control knob to scroll up or down vertically, and press it in to select a channel.
4. Use the Control knob to scroll right or left horizontally, and press it to select a setting you want to modify.
5. Use the Control knob to adjust your chosen audio setting accordingly.
6. When finished modifying Audio settings, press MENU or ALT to exit the Audio screen.

To adjust your headphone settings:

⚠ *Be careful of high headphone levels when plugging in your headphones to the monitor’s 3.5 mm headphone output. It is recommended you adjust HP Gain to OFF before plugging in your headphones; then, with headphones on, carefully raise the gain until you reach your preferred level.*

1. Press and hold the MENU button.
2. Touch HP Source. Touch the option you want to use to route audio to your headphones.
3. Touch HP Gain. By default, this level is set to 0 dB.
4. Press MENU to exit.

6. Attach and Format Storage

PIX-E monitors can accept a SpeedDrive™ and a high-capacity SD memory card. PIX-E7 records Apple® ProRes video files to SpeedDrive media. The SpeedDrive and/or SD card may be used to save and load custom settings.

Note: The drive(s) must be formatted by the PIX-E7 before using with the monitor.

To attach a SpeedDrive:

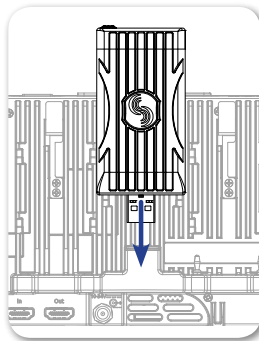
1. Position the SpeedDrive so that the USB plug lines up to the USB connector on the back of the monitor.
2. Depress the spring-loaded retainer clip and slide the SpeedDrive into the USB connector. The retainer clip will spring up with a click to let you know when the SpeedDrive is secure.

To install an SD card:

- Slide the SD card into the SD Memory Card slot on the left panel of the monitor.

To format a drive:

1. Connect the drive to be formatted; ensure the SD card is inserted or the SpeedDrive is attached.
2. Press the MENU button.
3. Turn and press the Control knob to select Recorder & Drives > Erase/Re-format Drive.
4. Turn and press the Control knob to select the sub-option associated with the preferred drive. Sub-options include: SpeedDrive, SD Card, or Both drives.
5. A confirmation dialog will appear on screen asking if you want to continue. Turn and press the Control knob to select Yes to continue. An on-screen keyboard appears.
6. Either accept the default volume name (PIX-E) or use the keyboard to enter a new volume name.
7. Select OK to continue.



7. Recording and Playback

PIX-E monitors record edit-ready Apple ProRes QuickTime (.mov) files to SpeedDrive mSATA SSD media.

To begin recording:

- Press the Record (REC) soft key button.

Note: If the transport controls (REC, STOP, PLAY) are not visible, press ALT to switch the soft keys to their alternative functionality.

While recording, the REC soft key label appears red as does the timecode, file name, and absolute time—all three of which are located in the Information bar. Also, the LED on the SpeedDrive illuminates amber while files are being written to the drive.

⚠ *Do not remove the SpeedDrive while its LED is illuminated.*

To play recorded video files:

1. Press the Files soft key button and use the Control knob to select a file.
2. Press the Play soft key button. While playing, the Play soft key button switches to Pause. You can also press the Stop soft key button to stop playback.

8. Using the Monitoring Tools

To activate a monitoring tool:

- Press the soft key button for the chosen monitoring tool, such as PEAK for peaking. Each soft key label appears green when the monitoring tool is activated.



Each monitoring tool has settings associated with it, which may be viewed and adjusted via a menu that appears superimposed over the image, covering only the lower portion of the screen.

To view or adjust a monitoring tool's settings:



1. Press and hold the soft key button associated with the monitoring tool.
2. Use the touch screen or Control knob to select and modify settings accordingly.

Accessories

There are various accessories that can further enhance your field monitoring and recording experience. These accessories may be purchased separately or as part of the PIX-E7 KIT.

ACCESSORY	PHOTO	DESCRIPTION
PIX-LR		The PIX-LR is an audio interface accessory that provides PIX-E recording monitors with XLR I/O, Sound Devices -caliber mic preamps, hyper-accurate LED metering, and dedicated transport and gain controls.
SpeedDrive		This media enclosure ships either with a 240 GB mSATA SSD drive installed or as an enclosure only, letting you purchase your own mSATA drive of variable sizes. A list of approved media is available online at: http://www.videodevices.com/support/approved-media The SpeedDrive can also double as a USB 3.0 drive for high-speed transfers.
PIX-ARM		The PIX-ARM, with its 1/4-inch screws, mounts PIX-E devices to cameras, tripods, etc. It also includes a hot shoe mount for DSLRs. The center knob will lock all three articulation points simultaneously for quick adjustments of orientation and position.
PIX-E7 CASE		Made from durable plastic and filled with custom, cutout foam inserts, the case is designed to take the beating so your monitor is protected during transport. The PIX-E7 KIT also comes packaged in the case and includes additional accessories, such as adapters, cables, drives, etc.

This table is not an all-inclusive list of accessories available for use with the PIX-E monitors. For the most up-to-date product accessory information, visit the Video Devices website at: www.videodevices.com.

SOUND  DEVICES	Declaration of Conformity	
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Manufacturer's Name: Sound Devices, LLC
Manufacturer's Address: E7556 State Road 23 and 33
Reedsburg, WI 53959 USA

Declares under sole responsibility that the product as delivered

Product Name: PIX-E Recording Field Monitor
Model Number: PIX-E7 (includes auxiliary equipment: SpeedDrive, external AC adapter, and external Lithium battery packs)
Description: A camera-mount recording field monitor with 7-inch LCD.
Product Options: This declaration covers all options of the above product

complies with the essential requirements of the following applicable European Directives, and carries the CE marking accordingly:

EMC Directive (2014/30/EU)
EN 55022:2010
EN 55103-2:2009
Low Voltage Directive (2014/35/EU)
EN 60065:2014
RoHS Directive (2011/65/EU)
WEEE Directive (2012/19/EU)



This Declaration of Conformity applies to the above-listed product(s) placed on the EU market after:

December 10, 2015

Date



Matt Anderson
President

Software License

End-user License Agreement for Embedded Software / Firmware

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Governing Law

This agreement and limited warranty are governed by the laws of the state of Wisconsin.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Part 15.19 (a) (3)

Warranty and Service

Sound Devices, LLC warrants the PIX-E7 against defects in materials and workmanship for a period of ONE (1) year from date of original retail purchase. Users who register their product directly with Sound Devices Technical Support by mail, online, or phone, will receive an additional ONE (1) year of warranty coverage, extending the complete warranty period to TWO (2) years from the date of original retail purchase. In order to extend the warranty coverage period, registration must be completed within the initial ONE (1) year warranty period. Products must be purchased through authorized Sound Devices resellers to qualify for Warranty coverage.

This is a non-transferable warranty that extends only to the original purchaser. Sound Devices, LLC will repair or replace the product at its discretion at no charge. Warranty claims due to severe service conditions will be addressed on an individual basis.

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Sound Devices, LLC
Service Repair RMA #XXXXX
E7556 State Road 23 and 33
Reedsburg, WI 53959 USA
telephone: (608) 524-0625

Technical Support / Bug Reports

For technical support and bug reporting on all Video Devices products contact Sound Devices, LLC at:

E-mail: support@sounddevices.com
Website: www.videodevices.com/support

Phone: +1 (608) 524-0625
Toll-free: +1 (800) 505-0625 — in USA only
Fax: +1 (608) 524-0655

Sound Devices hosts a user support forum. The URL is: <http://forum.sounddevices.com>

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