

QUICK START GUIDE

PIX-E5 / PIX-E5H

Field Recording Monitor



VIDEO  **DEVICES**

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

Welcome

Thank you for purchasing the Video Devices PIX-E5 or PIX-E5H recording field monitor. These recording field monitors are extremely versatile devices with many advanced features and capabilities.

The PIX-E5 features both HDMI and SDI inputs and outputs, while the PIX-E5H has HDMI I/O only. Because this guide was written for both monitors, some features—like those related to SDI—described in this guide apply only to the PIX-E5, not the PIX-E5H.

Your purchase includes:

QUANTITY	ITEM
1	PIX-E5 or PIX-E5H recording field monitor
1	PIX-E PSU (power supply unit)
1	USB boot cable (USB A to USB A)*
1	1 ¼-inch tall mount extender (¼-inch, 20-thread)
1	Warranty card
1	PIX-E5 / PIX-E5H Quick Start Guide
>1	Video Devices promotional stickers

** Do not discard the USB boot cable. In the extremely unlikely event that power is lost during a firmware update and the monitor becomes inoperable, the USB boot cable and a computer may be used to reinstall firmware and recover operation. Should this occur, contact Customer Support for proper recovery procedures.*

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 to access the guide.

Full User Guide



www.videodevices.com/download/guides/PIX-E5ug_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 monitor 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.

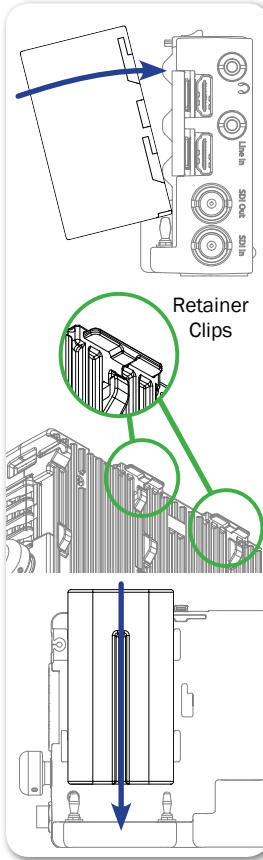
To remove a battery:

- ▶ 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.
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).



Retainer Clips

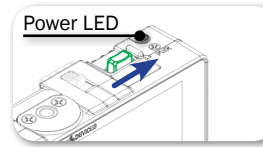
2. Power Up

To turn on the monitor:

- ▶ Slide the Power switch to the right.

The green power LED will illuminate, and the Video Devices splash screen appears on the 5-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 to just a few seconds. QuickBoot is enabled for two hours after powering down the monitor. Each time the monitor is turned off, this timer is reset. During this time, boot times are reduced, but after two hours, QuickBoot is deactivated and powering on the monitor will result in a normal, longer boot process.



3. Touch Screen and Buttons

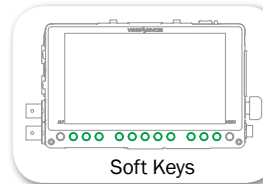
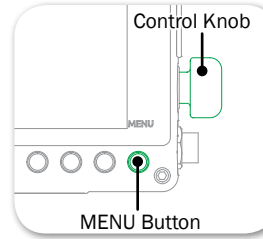
The monitor's user interface features the best of both worlds in navigation options. Tap the touch screen for quick adjustments or, keep the screen free of fingerprints by using tactile controls, such as soft key buttons and a Control knob.

To view the Main Menu:

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

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

Between the MENU and ALT 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-E5/PIX-E5H User Guide.

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

Input/Output ports are located on the left panel of the unit; however, the types of ports available on the PIX-E5 differ from those on the PIX-E5H. The PIX-E5 (pictured) can record and display signal from HDMI or SDI sources. The PIX-E5H (not shown) is an HDMI only device.

When the device is fully booted, if present, the active video input signal 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 (PIX-E5 only):

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 or HDMI.

5. Set up Audio

The PIX-E5H monitor can record up to six channels of audio (Line In and HDMI) to QuickTime (.mov) files, while the PIX-E5, with its additional 3G-SDI input, can record up to eight.

The PIX-E5H can record up to eight channels with the optional PIX-LR audio interface accessory, which provides additional XLR I/O.

You may customize your audio setup by adjusting which channels are armed, modifying their names, configuring input sources, and setting gain levels.

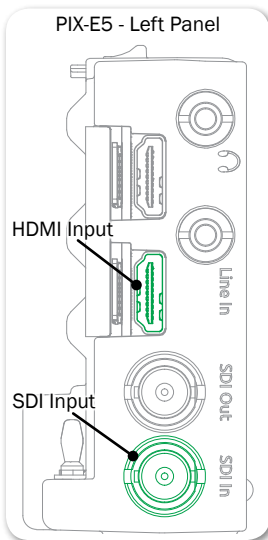
To set up audio:

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 the level you want.*

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.



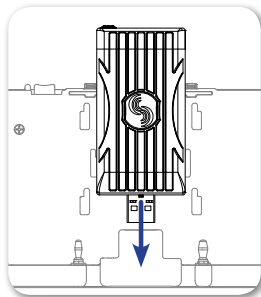
6. Attach and Format Storage

PIX-E monitors can accept a SpeedDrive and a high-capacity SD memory card. Both PIX-E5 and PIX-E5H write Apple ProRes video files to SpeedDrive media. The SpeedDrive and/or the SD card may be used to save and load custom settings.

Note: The drive(s) must be formatted by the PIX-E5 or PIX-E5H 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 right 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 drive you want to format. Sub-options include: SpeedDrive, SD Card, or Both drives.
5. A cautionary 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.

Note: The SpeedDrive is an enclosure for non-proprietary mSATA SSDs, which may be purchased separately in sizes from 128 GB to 1 TB. Visit www.videodevices.com/support/approved-media for a list of approved media.

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 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 and covers 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

The PIX-E5 and PIX-E5H works with various accessories to further enhance your field monitoring and recording experience. They may be purchased separately or as part of the PIX-E 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 (128 GB to 1 TB). It 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 devices to cameras, tripods, etc. It 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-E5 HOOD		Attaching to the monitor via magnets, this light-weight, removable hood is used to reduce glare on the LCD screen during operation in direct sunlight.
PIX-E CASE		Made from durable plastic and filled with custom, cutout foam inserts, it is designed to take the beating so your monitor is protected during transport. The PIX-E KIT also comes in this 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.

	Declaration of Conformity	

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 with detachable Storage Drive
 Model Number: PIX-E5, PIX-E5H, SpeedDrive
 Description: Camera-mount recording field monitors with 5-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



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

July 24, 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-E5 or PIX-E5H 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 Sound Devices products contact Sound Devices, LLC at:

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