

Ki Pro Mini Q&A

3/2011

KiPROmini

1. What is Ki Pro Mini?

Ki Pro Mini is a small form-factor, lightweight, 10-bit video recorder that can be connected to a wide variety of SDI and HDMI enabled video sources.

- Ki Pro Mini is small enough to be mounted to a camera in a variety of ways.

- Ki Pro Mini uses small, readily available Compact Flash (CF) media

- Ki Pro Mini records to:

- Apple ProRes 422 (HQ)
- Apple ProRes 422
- Apple ProRes (LT)
- Apple ProRes (Proxy)

- Ki Pro Mini can also accept audio via:

- Embedded SDI
- Embedded HDMI
- 2x balanced analog audio inputs.

- Ki Pro Mini features timecode input via SDI embedded timecode as well as via LTC input.

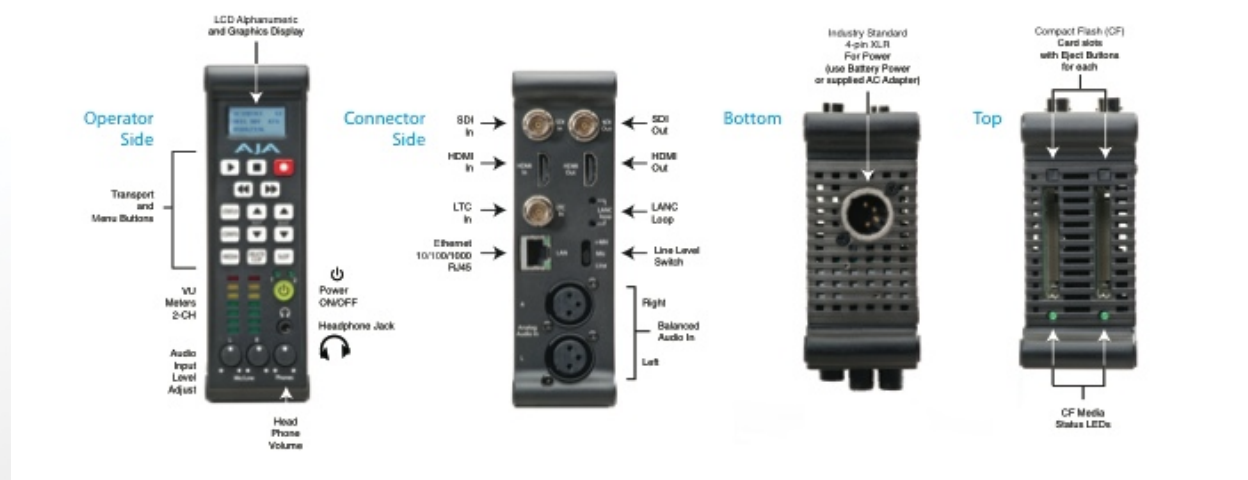


Because it matters

AJA
VIDEO SYSTEMS

Ki Pro Mini Q&A

3/2011



2. What makes Ki Pro Mini different from Ki Pro?

Ki Pro Mini and Ki Pro share much in common, but they differ in some specific ways too.

- Ki Pro Mini is extremely portable and can be mounted on-board cameras alongside battery packs and more. Ki Pro, while small and portable, cannot mount in as many configurations.
- Ki Pro ships with 250GB of AJA storage; Ki Pro Mini uses industry standard Compact Flash (CF), but media is not provided with the product.
- Ki Pro performs Up/Down/Cross conversion; Ki Pro Mini does not.
- Ki Pro features 9-pin serial connectivity; Ki Pro Mini does not.
- Ki Pro offers both analog and digital video I/O; Ki Pro Mini is all digital.
- Ki Pro offers additional analog audio connectivity beyond what Ki Pro Mini provides.
- Ki Pro has 802.11 wireless capabilities that Ki Pro Mini does not.

3. Why choose Ki Pro Mini over Ki Pro?

Ki Pro Mini's smaller size and lighter weight are better suited to many of the smaller cameras being used today. With these cameras, the smaller form-factor is more important than long recording times, up/down/cross conversion or analog video I/O capabilities.

Because it matters



Ki Pro Mini Q&A

3/2011

4. Why choose Ki Pro over Ki Pro Mini?

In some situations, extended recording times are a requirement that trumps a smaller sized recorder. Ki Pro can be configured to use large capacity Storage Modules that can allow for hours and hours of high-quality recording.

Ki Pro offers more interaction with post production via its 9-pin serial control interface. For use with legacy analog equipment, Ki Pro is a nice bridge to such devices without the need for analog-digital converters. Ki Pro also offers hardware-based 10-bit up/down/cross-conversions, to control raster sizes at the time of recording or during output.

5. How is Ki Pro Mini constructed?

Ki Pro Mini is made out of rugged aircraft-grade aluminum, ensuring strength combined with low weight that can withstand typical field environments.

6. What are some unique ways a Ki Pro Mini could be mounted?

Ki Pro Mini's multi-purpose mechanical design and small form factor allow flexibility in mounting to the camera or tripod using industry standard mounting plates or hot-shoe adapters.

The optional Ki Pro Mini Mounting Plate offer a wide variety of hole patterns for mating both sides of the unit with virtually any camera accessory bracket.

The plate can be attached to the Ki Pro Mini via 4 supplied 1/4"-20 screws. A large number of screw holes in the plate allow you to mate Ki Pro Mini to 3rd-Party battery plates, hot-shoe adapters and other mounting applications.

For instance, since Ki Pro Mini is quite small, it can even be discretely mounted to an on-board camera monitor. Due to it's light weight, Ki Pro Mini could be mounted alongside a POV camera on the end of an arm or pole. Because Ki Pro Mini uses rugged solid-state Compact Flash (CF) media, Ki Pro Mini could be used in car mounts or other extreme sports applications.

Because it matters



Ki Pro Mini Q&A

3/2011

See the Ki Pro Mini Mounting Guide for more details:

<http://www.aja.com/products/kipro/ki-pro-mini/ki-pro-mini-description.php>



7. Can any type of Compact Flash media be used?

AJA has done extensive testing to certify certain CF cards with Ki Pro Mini.

The most current list of supported cards can be found on the AJA website here:

http://www.aja.com/pdf/KiProMini_qualifiedCF_cards.pdf

Only certified CF cards should be used with Ki Pro Mini to ensure error-free recording and playback.

Because it matters



Ki Pro Mini Q&A

3/2011



8. How do I get Ki Pro Mini media to interface with my computer?

Ki Pro Mini Compact Flash media can be inserted into a variety of Compact Flash (CF) readers. Compact Flash (CF) readers can be connected to the host computer via FireWire or USB, depending on the manufacturer/model. Remember that many Compact Flash readers will not provide sufficient bandwidth for the playback of the recorded files; files should be copied to sufficiently fast storage for playback.

Like the media on Ki Pro, the CF media from Ki Pro Mini is extremely Mac-friendly as it is formatted as a native HFS+ Mac volume. The ProRes files recorded are native QuickTime, and are ready-to-edit within Final Cut Pro or Avid Media Composer 5.5, NewsCutter 9.5 or virtually any QuickTime compatible application.

9. How is the Ki Pro Mini powered?

Power is supplied through the same 12V 4-pin XLR as used on the Ki Pro. This can be supplied either by battery power or from the supplied power adapter. The power adapter provided with Ki Pro Mini is the same as Ki Pro, for maximum flexibility.

Because it matters



Ki Pro Mini Q&A

3/2011

10. How do I upgrade or change settings on the Ki Pro Mini?

Just like Ki Pro, you can upgrade firmware by downloading the software from www.aja.com and through the ethernet connection on Ki Pro Mini, uploading the new firmware to the Ki Pro Mini.

Ki Pro Mini also has the same web-based UI allowing control from virtually any web browser.

11. The Ki Pro Mini appears to have the same intuitive front panel button and menu controls of the Ki Pro, is that the case?

Just like Ki Pro, control options are flexible and familiar, with both front panel and web browser interfaces provided (Ethernet 10/100/1000 via an RJ45 connector).

Ki Pro Mini UI

Ki Pro Mini's UI is made up of 15 buttons and a back-lit display. The display supports a flat menu structure with no sub-menus. This keeps menu navigation clear, quick and intuitive.

There are 4 different menu groups – TRANSPORT, STATUS, CONFIG, and MEDIA.

TRANSPORT is the default menu.

The other menus, STATUS, CONFIG, and MEDIA, are "button accessed" meaning they are entered when their associated button is depressed. Once entered, their button is illuminated and the display will change to the associated menu.

When in any "button accessed" menu, cycling it off will return to the default TRANSPORT menu.

The STATUS menu has 2 page types – I/O status and Alarms.

Successive pushes of the SELECT Up or SELECT Down button will cycle through I/O Status, and Alarms.(Depress STATUS again to return to the TRANSPORT menu).

The CONFIG and MEDIA menus toggle between On and Off when their buttons are depressed. The CONFIG and MEDIA menus can only be entered from the STOP mode.

Because it matters



Ki Pro Mini Q&A

3/2011

Pressing any transport button (PLAY, STOP, RECORD, FF, REV) while in any “button accessed” menu will return you to the default TRANSPORT menu (in addition to performing the transport function).

Any “exit” from an uncompleted CONFIG or MEDIA operation will be considered as an abandonment of that operation and no change will take effect.

The CONFIG and MEDIA menus are where set-ups and adjustments are made. When in these menus, parameters are selected with the SELECT up/down buttons and, once selected, the parameter can be adjusted with the ADJUST up/down buttons. Parameter adjustments (using the ADJUST up/down buttons) take effect immediately (no “Enter” button is provided or required). The various parameters in these menus are numbered to provide a simple navigation method. The CONFIG and MEDIA menus also remember which parameter they were on when exited, and will return to that same parameter when the menu is re-entered.

Ki Pro Mini web-browser control

All of these features and more can also be directly accessed by any web browser on any platform when the Ki Pro Mini is connected to a network or computer directly through the ethernet connection.

12. What is the cost and availability of Ki Pro Mini?

The Ki Pro Mini retails for US \$1995.00 and is available now. AJA is in the process of clearing a significant backlog of pre-ordered units, so actual delivery time may vary. Contact your local reseller or AJA Sales.

13. Where do I go for more information on the Ki Pro Mini?

More information can be obtained from your local reseller or you can visit the AJA website:

<http://www.aja.com>

Or you can call or email AJA Sales directly for more information: sales@aja.com

Because it matters



Ki Pro Mini Q&A

3/2011

14. What is the warranty period for the Ki Pro Mini?

The warranty period for the Ki Pro Mini is a generous 3 years, the standard international warranty period for all AJA Acquisition products.

Because it matters

