

# Release Notes

## Firmware Version(s):

mini V1.07

mini+ V1.24

## Release Date:

15 Mar 2021

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- **NOTE:** The XTOOL firmware installer for mini device is now self-contained within XTOOL– no separate BIN file is required.
  - Unpack the ZIP/DMG
  - Install XTOOL for mini (agree to rights/privileges elevation if requested)
  - Run XTOOL for mini (agree to rights/privileges elevation if requested)
  - Click connection, enter IP address of mini
  - XTOOL will show state of connected mini and version available for update
  - Click Upgrade
- **Update:** TBAR Mode CUT
  - CUT is now available in TBAR mode by selecting CUT in the 'S' MIX (Transitions) menu. When selected, CUT is triggered on the contact at the transition end point., and no fade will occur during TBAR crossing, with the CUT occurring instantly as the TBAR is homed.
- **Update:** Factory Reset
  - Following Factory RESET, to improve consistency, default performance now assures the main output can be switched without needed to select the layer in PIP regardless of setting prior to reset:
    - PGM Main/Background [A] is HDMI2
    - PIP [B] is HDMI1
    - In the 'S' PIP menu layer selected is [A]
- **Fix:** Chroma Key Black Screen at Off
  - When turning off Chroma Key PIP is now turned off and main [A] PGM remains (no longer is a unintended black screen when Chroma Key is disabled)
- **Update:** Minor improvements in overall performance and stability

## Firmware Version(s):

(mini V1.06)

mini+ V1.23

## Release Date:

5 Feb 2021

## Applicable Models:

(mini)

mini+

## Changes/Fixes/Enhancements Included:

- **NOTE:** The XTOOL firmware installer for mini device is now self-contained within XTOOL– no separate BIN file is required.
  - Unpack the ZIP/DMG
  - Install XTOOL for mini (agree to rights/privileges elevation if requested)
  - Run XTOOL for mini (agree to rights/privileges elevation if requested)
  - Click connection, enter IP address of mini
  - XTOOL will show state of connected mini and version available for update
  - Click Upgrade
- **New [mini+]:** Chroma Key Enhancements
  - This build introduces includes enhancements that improve performance and in conjunction with new control features for Chroma Key in the XPOSE mini desktop apps (minimum Version 1.0.0.9).
- **Update:** Minor improvements in overall performance and stability

### **Firmware Version(s):**

mini V1.06

mini+ V1.22

### **Release Date:**

11 Jan. 2021

### **Applicable Models:**

mini

mini+

### **Changes/Fixes/Enhancements Included:**

- **IMPORTANT NOTE:** *Minimum XTOOL version required is now **V1.01.10** (packaged with firmware)*
- *Fix:* Resolved potential firmware deadlock in isolated situations (revision 2)
- *Fix:* Resolves an issue at power on where, if the USB3.0 output resolution was set to other 1080p, the mini device would not be identified by the connected computer until the setting was manually changed/reset from the mini menu.
- *Update:* *Minor improvements in overall performance and stability*

## Firmware Version(s):

mini V1.04

mini+ V1.20

## Release Date:

06 Jan. 2021

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- *New:* PIP mode adds A/B layer selection to realize the switch of A/B layer signal source: enter the PIP menu option, press the volume adjustment knob to realize the switch of A/B layer (the switch of main layer and sub-layer)
- *Update:* Modify the button light display: the light color of the input source corresponding to the selected layer in PIP mode
  - The main output signal source lights up in red, and the current selected signal source in the preview is flashing green
- *Update:* Names for Audio Output signal options have been improved. (from V1.02 / V1.18, not documented previously). Options are:
  - "AFV" – Auto Follow Video. Audio output is the same as the video source in use
  - "LINE IN" = Audio from external source via the mini-Jack
  - "HDMI1"
  - "HDMI2"
  - "HDMI3"
  - "HDMI4"
- *Update:* Modify the English audio menu options to: AFV, LINE IN, INPUT1, INPUT2, INPUT3, INPUT4
- *Update:* [mini+] Added PTZ camera protocol, automatic identification of standard and non-standard camera control
- *Fix:* Modify the switch of the sound column display, fix the problem that the sound column cannot be saved after it is closed
- *Fix:* Modify the PVW signal source window recognition: the yellow frame shows the signal source of the current layer of PST, the red frame shows the signal source corresponding to the main output
- *Fix:* Resolved potential firmware deadlock in isolated situations (revision 2)

# Release Notes

## Firmware Version(s):

mini V1.03

mini+ V1.19

## Release Date:

14 Dec. 2020

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- *New:* PIP mode adds A/B layer selection to realize the switch of A/B layer signal source: enter the PIP menu option, press the volume adjustment knob to realize the switch of A/B layer (the switch of main layer and sub-layer)
- *Update:* Modify the button light display: the light color of the input source corresponding to the selected layer in PIP mode
  - The main output signal source lights up in red, and the current selected signal source in the preview is flashing green
- *Update:* Modify the English audio menu options to: AFV, LINE IN, INPUT1, INPUT2, INPUT3, INPUT4
- *Update:* [mini+] Added PTZ camera protocol, automatic identification of standard and non-standard camera control
- *Fix:* Modify the switch of the sound column display, fix the problem that the sound column cannot be saved after it is closed
- *Fix:* Modify the PVW signal source window recognition: the yellow frame shows the signal source of the current layer of PST, the red frame shows the signal source corresponding to the main output
- *Fix:* Resolved potential firmware deadlock in isolated situations

## Firmware Version(s):

mini V1.02

mini+ V1.18

## Release Date:

1 Dec. 2020

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- *New:* PIP mode adds A/B layer selection to realize the switch of A/B layer signal source: enter the PIP menu option, press the volume adjustment knob to realize the switch of A/B layer (the switch of main layer and sub-layer)
- *Update:* Modify the button light display: the light color of the input source corresponding to the selected layer in PIP mode
  - The main output signal source lights up in red, and the current selected signal source in the preview is flashing green
- *Update:* Modify the English audio menu options to: AFV, LINE IN, INPUT1, INPUT2, INPUT3, INPUT4
- *Update:* [mini+] Added PTZ camera protocol, automatic identification of standard and non-standard camera control
- *Fix:* Modify the switch of the sound column display, fix the problem that the sound column cannot be saved after it is closed
- *Fix:* Modify the PVW signal source window recognition: the yellow frame shows the signal source of the current layer of PST, the red frame shows the signal source corresponding to the main output

## Firmware Version(s):

mini V1.00

mini+ V1.16

## Release Date:

25 Nov. 2020

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- **NEW:** When using a PIP, it is now possible to change the main/background as well as the PIP source. Press the left adjustment knob adjacent to “S” to switch between the PIP and main layer selection.
- **UPDATE:** Interlaced inputs are now fully supported.
  - **FIX:** Resolved compatibility issues with 1080i50 experienced by some users.
  - **NEW:** Added support for 1080i60 resolution.
  - **Note:** 1080i is only available on input 1 and not supported on other inputs.
- **UPDATE:** The “S” button now remembers the previous setting and will open the last menu selected.
- **UPDATE:** DHCP is now added to the onboard menu, allowing mini/mini+ to automatically be allocated an IP address from the network.
  - Setting for DHCP is already available in the mini App - adding DHCP onboard mini/mini+ resolves the potential issue where DHCP was set via the app and the mini was not able to set a manual IP address as a result.
- **UPDATE:** [mini+] When a PTZ camera is connected, auto identification of settings is now performed, reducing the need to make for manual settings adjustments on cameras and improving overall compatibility. (PTZ camera control is compatible with SONY, LUMENS, AVER and RGBlink)
- **FIX:** Improved the performance of some transition effects (Iris & Zoom Thru in particular) that may have not been smooth in some situations.
- **FIX:** Resolved an issue where the VU audio bar display on the PVW might not show correctly.
- **FIX:** Resolved an issue where screen tearing might be apparent when output is to 1080p24/25.
- **FIX:** Resolved an issue where the PGM source was not retained following a reboot in some instances.
- **FIX:** VU audio bar display settings are now retained following a reboot.
- **FIX:** Resolved issue where the selected source for PVW may, in some circumstance, not have on the display the expected yellow frame/not follow the signal source when switching.
- **FIX:** Resolved an issue where a Test Pattern selected for HDMI/PVW may have resulted in an unexpected display on the HDMI output.

## Firmware Version(s):

mini V0.40

mini+ V1.08

## Release Date:

27 Oct 2020

## Applicable Models:

mini

mini+

## Changes/Fixes/Enhancements Included:

- **NEW:** Added support for Output Resolutions 720p50 and 1080p24/25/30/50
  - *Note: USB streaming resolutions/refresh rates are dependent on host (computer) system protocol support. 720p50/60 & 1080p30/50/60 are the most widely supported*
- **NEW:** Audio Output Menu added allowing selection of input source to be used for output
- **UPDATE:** Previously the Multi view Preview (PVW) layout was arranged for maximum viewing area with video displayed as stretch-to-fill. With this update, the PVW layout has been adjusted to be standard 16:9 panes with video now always shown in the native/set ratio. Resolutions that are not 16:9 will show black bars left & right with video shown in the expected ratio as “fill vertical” (not stretched).
- **UPDATE:** Press the volume knob to display and then adjust volume level. To prevent inadvertent volume changes, pressing volume knob prior to turning/adjusting level is required before volume level can be made.
- **UPDATE:** Improved network communication performance between the mini & software/app running connected computer
- **FIXED:** LCD display flicker in certain situations when using Menu
- **FIXED:** Resolved performance issues with transitions when using T-bar with non 1080p60 sources