

Preston Cinema Systems

HU3 Version History

Legacy Release

- 1.36 - Last software published that supports 6 point lens calibration. Very stable. Still supports 3D lens tweak and 3D rig control.

Current Releases

- 2.00 - Major update to focus lens mapping with 10 calibration points and powerful new algorithms. Supports Leica Summilux-C and anamorphic lenses. Lens organization changed to be selected by Manufacturer, Series, focal length and last digits of the serial number. As lenses are entered, they are sorted by focal length within a series for easier lens management. Lens data from legacy releases is not compatible and will be erased upon installation of version 2.00. 3D functionality now found on different HU3 software version (April 2012)
- 2.01 - Bug resolved regarding the 10th calibration point suggestion. (April 2012)
- 2.02 - New 65mm Leica support added. Added marks available at far distances 12ft to 400ft (May 2012)
- 2.03 - Sorting bug resolved. Network scanning fixed. (May 2012)
- 2.04 - Ability to add a note (14 character) to lens name extended to all lenses. (May 2012)
- 2.05 - Changed how notes are entered. Leica 29mm added (June 2012)
- 2.06 - Bugs with Leica lenses addressed (June 2012)
- 2.07 - Added 21+ and 23+ to calibration marks. Alters previous lens data such that lenses have to be recalibrated. Sorry guys! (June 2012)
- 2.08 - Fixed Leica lenses suggesting wrong calibration points due to previous version. (July 2012)
- 2.09 - Support for PV eclipse (September 2012)
- 2.10 - Bug related to footage total fixed (November 2012)
- 2.11 - Radio channels extended to 59 (requires radio firmware upgrade) (Jan. 2013)
- 2.12 - 1/x function overrides curve fitting below close focus to stop hyper non-linear motor movement. (March 2013)
- 2.13 - MDR3 support. Channel scan extended to 59. (July 2013)
- 2.14 - Added messaging between HU3 and the Host. (July 2013)
- 2.15 - AUX motor assignment added to the Menu/Mode/Set-up when connected to MDR3. No more Custom and Snorkel modes. Needs MDR3-1.04 or higher (Oct. 2013)

- 2.15C - Eliminated jump when transitioning from calibrated region to uncalibrated region (Bellow the fist calibration point). (Sep. 2014)
- 2.16 - Fixed bug with the lens calibration where the first cal. point was above 8' Iris and Zoom calibrations added.
Focus, Iris and Zoom calibration indicated with F,I,Z icons next to the lens name
Auto Focus On/Off added (replacing Marks).
Auto Focus Width and AF Position added using navigation keys.
Auto Focus Near Limit and Far Limit added
Auto Focus Hold function added and assigned to ENTER button in AF mode.
Fixed the bug with the Lens Name being corrupted after the calibration.
Receiving distance from different Distance Clients added.
Added lens sorting for MyList(A,B,C).
Panavision Primo 70 lenses added. (April 2015)
- 2.17 - Added functionality regarding the Light Ranger.
 - 2.171 Lens Menu improvements.
 - 2.172 Minor bug fixes
 - 2.173 Added lens data synchronization between HU and MDR-3
 - 2.174 Fixed the bug with the HU-3 made before 2007 where bigger font wouldn't display correctly. (May 2015)
- 2.18 - Changed the way Near Limit and Far Limit for the Light Ranger are entered. (May 2015)
 - 2.181 Changed the way AF limits are handled. (May 2015)
 - 2.182 AF red rectangle positioning changed. Sniper distance client added. (June 2015)
 - 2.183 Changed the way LR distance is displayed. Display shows ** for the distances outside the AF limits (June 2015)
 - 2.184 Added possibility to toggle AF mode when Enter was pressed. AF mode turned off on power up. (August 2015)
 - 2.185 Distance Client list handled differently to prevent the wrong Distance Client showing on the screen. (August 2015)
 - 2.186 Added indication that soft reset had occurred. Bug with Lens edit fixed. Bug with FIZ assignments fixed. Needs MDR-3 V2.184 or higher. (Sept 2015)
 - 2.187 Bug with FIZ assignments with MDR-2, introduced in V2.186, fixed. (Nov. 2015)
 - 2.188 Left/Right navigation kes used to move red rectangle if LR detected regardless of the AF mode On/Off state.
 - 2.189 Bug with Camera selection not working with MDR-III and Video interface present fixed. Added support for MDR-4. Fixed bug with AF showing when LR was not present. Bug with Lens calibration data fixed where HU wasn't sending Lens Data after calibration. (Feb. 2016)
- 2.19 - Added ability to reverse the Iris slider direction. (April 2016)
 - 2.191 Bug with Host display not switching from MDR-4 to MDR-2 fixed. Added sending LD to MDR-4 (April 2016)
 - 2.192 Added sending LD to MDR-4 when MDR status doesn't match. Fixed bug with empty "Other" lens list fixed. Changed the way LD is sent to MDR. Sending FIZ changed for MDR-4 as a function of the Iris Assignment. Fixed bug when FarLimit was set to infinity. Fixed bug with positioning the red rectangle. (April 2016)

- 2.193 Two new Panavision Primo 70 lenses added: 14mm and 24mm. (May 2016)
- 2.20 - When calibrating zoom maximum MidFocalLength limited to 500mm. Bug with Iris jitter fixed. (June 2016)
- 2.22 - Fixed the bug that was corrupting Zoom and Iris calibrations when the number of lenses was bigger than 64 as well as when lenses were deleted. On the first run, and ONLY on the first run, of this version all Zoom and Iris calibrations will be erased. Added focus knob distance as the Fshow option when LR or any other distance client is present. Doubled the speed of key repeat to 4 per second. Added warning if the infinity is on the wrong side when loading a lens. (October 2016)
- 2.23 - Fixed the bug with the camera selection not being available for MDR-2 host. Camera selection is still not available if FX box is present, because FX box dictates camera selection. (October 2016)
- 2.24 - Added new functionality to Up and Down navigation keys when Light Ranger is used by enabling them to change the size of the selection zone (red rectangle). This change requires the change in the protocol and requires MDR-3 firmware V 1.094 or higher. This protocol change doesn't have an effect on cases without the Light Ranger. (November 2016)
- 2.25 - Removed the bug when pressing Focus Set button caused the Near/Far Focus to be set, even if the LR was not present. Remembers independently settings for Focus knob map and Near/Far distances when using LR. (Dec. 2016)
- 2.26- Minor bug fixes (Jan. 2017)
- 2.27- Fixed minor bug related to AF mode after Hand Unit Master Reset (Feb. 2017)
- 2.28- Fixed the bug with the Lens List that had 255 lenses. Fixed the bug in the communication with the PC where Iris and Zoom were corrupted when transferring from the PC to the Hand Unit (March 2017)