Preston Cinema Systems

MDR2 Version History

Current Releases

1.00 - First official version (May 2002)

1.01 - Modified camera run procedure for digital cameras (May 2002)

1.02 - Camera Run bug fixed (June 2002)

õ - Updates to accessory communication support

1.11 - Position stabilization added for systems experience poor radio connections (October 2004)

1.14 - Added support for HU3. Accessory communication finalized (February 2005)

1.15 - Position/Velocity mode remembered for Wireless Microforce remotes. Added support for single channel Focus-Iris remote. (April 2005)

1.18 - Sending back camera status information to HU3. Fixed error in turning motors off prematurely (February 2006)

1.19 - Camera run now supports HU3 speed control. Millennium camera support added (April 2006)

1.23 - Distance command sent from accessories fixed (December 2006)

1.26 - Better motor control and protection (September 2007)

1.27 - Corrupted speed ramp corrupted by interrupt. Fixed (September 2007)

1.28 - New hardware support. Still backwards compatible. New RS232 protocol 1.3 implemented (October 2007)

1.29 - Moviecam support updated and bugs fixed (December 2007)

1.30 - Lost communication to accessories when plugging or unplugging a motor fixed. (Feb 2008)

1.31 - Not always running camera through digital interface fixed (April 2008)

1.32 - Bug introduced in 1.31 fixed (May 2008)

1.34 - Motor protection parameters updated (January 2009)

1.35 - Bug related to video zoom output signal resolved (March 2009)

1.38 - Added support for remotes to soft stop on zoom channel (May 2009)

1.39 - 3D mode detection added. Clearing non-volatile registers by holding Reset for 6 seconds added (July 2009)

1.40 - Support for Cooke lenses connected to accessory port added (August 2009)

1.41 - Cooke zoom lens information corrected. Actual and commanded motor positions now available in accessory port protocol (August 2009)

1.43 - Bugs fixed. Cinetape and Panatape distance corrected (March 2010)

1.44 - New motor protection scheme (March 2010)

1.46 - Another motor protection scheme. Significantly more safe for motors (April 2010)

1.47 - Accessory port timing bug resolved (January 2011)

1.48 - Longer camera run pulse (0.4s) for Arri Alexa intermittent camera run issue (April 2011)

1.50 - Resolved issue where calibration would stall in extremely cold conditions (June 2011)

1.51 - Serial port DATA command modified to send Status as the selection for the bit-7. (November 2012)

1.52 - Communication to the radio changed. Automatic Reset implemented when the new firmware is loaded (Jan. 2013)

1.53 - Fixed the bug related to picking the right span (May 2016)

1.54 - New motor type assignments (December 20116)

1.55 - Fixed the bug with Send_SPAN sending the wrong control byte. (Feb 2017)

1.56 - Fixed the bug where knob distance wouldn't display (March 2017)

1.57 - Added command for acquiring MDR, Bootloader and Transceiver versions. (April 2017)