

# RELEASE NOTES FIRMWARE UPGRADE FOR ALPA 12 FPS & ALPA SILEX

**Version** 4.03

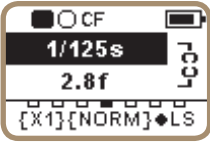
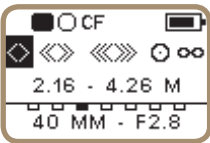
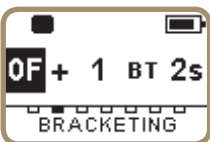

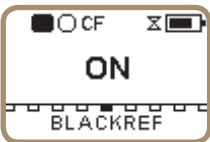

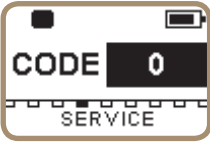

**Release Date** 28 April 2017

**Main Topics**

Introduction ALPA Silex; operating Hasselblad H lenses (new and old); operating additional Nikon E lenses with electromechanical aperture; new shutter priority modes (leaf shutter; focal plane shutter; video); black-reference on/off; wheel direction can be changed; preparation for Sinar eShutter 250

**SCREEN / WIDGET**

**WHAT IS NEW?**

LEVEL 1		<p>Enhanced compatibility with all Hasselblad H lenses; new "orange" lenses up to 1/1000s with internal leaf shutter.</p> <p>Aperture control now available for most Nikon E (electromechanical aperture) lenses and also new Hasselblad H lenses.</p> <p>Indication of NO SHUTTER, if operated by ALPA Silex without a lens with integrated electr. leaf shutter.</p> <p>The main exposure screen shows the new shutter priority mode like LS, FPS, VID.</p>
		<p>Controlled Focus now also available for most non manual focus Nikon E lenses.</p> <p>Indication of calculated focal length when using Hasselblad converter H 1.7x.</p> <p>Enhanced compatibility with Hasselblad H lenses.</p>
		<p>The bracketing will now consider the delay time of the black-reference depending on the setting in BLACKREF.</p>
		<p>New priority modes available depending on the hardware used.</p> <p>EXTERN LS: Standard mode for the ALPA 12 FPS and ALPA Silex; if a lens with built in electr. leaf shutter is present, exposure is executed with the leaf shutter down to the fastest exposure time; if operated on an ALPA 12 FPS the internal focal plane shutter of the FPS takes over down to the shortest 1/4000s. "No Shutter" is shown on the Silex screen if no leaf shutter lens is present.</p> <p>INTERN FPS: New mode for the ALPA 12 FPS; external leaf shutters are disabled and all exposure times will be executed by the built in focal plane shutter of the ALPA 12 FPS; not available for ALPA Silex.</p> <p>VIDEO: New mode for FPS &amp; Silex; in basic position all shutters are opened and the aperture is constantly stopped down, changes get tracked. If the shutter gets tripped a complete exposure is executed and again all shutters will stay open and aperture is stopped down.</p>
LEVEL 2		<p>The consideration of a black-reference can now be selected. If ON, the exposure cycle will add the potential waiting time for a black-reference (also in bracketing); a corresponding indication on the exposure screen is shown with longer exposure times. If OFF, no additional waiting time is added to the exposure cycle.</p>
		<p>The turn-wheel direction for increasing/decreasing values can now be configured.</p>
LEVEL 3		<p>Click on the turn-wheel for entering the SERVICE level where you can find additional information like exposure count, MAC address, date &amp; time.</p>
		<p>The dates and time setting can now be found in the SERVICE level.</p>

## LENS OVERVIEW

MODE / FUNCTION	ALPA COPAL Hasselblad V Mamiya 645 manual	CANON EF	NIKON E	CONTAX 645	HASSELBLAD H	ROLLEI 6000
<b>Lens or Lens Module</b>	SB 34: 180.888.017 FPS SB 17: direct HB V: 180.888.710* M645: 180.888.510*	180.888.310	180.888.110	fix: 180.888.612 shift: 180.888.630*	fix: 180.888.812 shift: 180.888.830*	fix: 180.888.910* shift: 180.888.930*
<b>FPS Silex ELA</b>	FPS: 010.888.010	FPS: 010.888.010 Silex & ELA: 030.010.010 & 450.010.817	FPS: 010.888.010 Silex & ELA: 030.010.010 & 450.010.817	FPS: 010.888.010 Silex & ELA: 030.010.010 & 450.010.817	FPS: 010.888.010 Silex & ELA: 030.010.010 & 450.010.817	FPS: 010.888.010 Silex & ELA: 030.010.010 & 450.010.817
<b>Aperture</b>	manual via Copal shutter, aperture not displayed	controlled by FPS, aperture on display	controlled by FPS for E lenses [1], ap- erture on display; manual with all manual aperture lenses, aperture not displayed	controlled by FPS, aperture on display, the aperture ring is disabled	controlled by FPS, aperture on display	controlled by FPS, aperture on display (some older lenses manual preset via lens only)
<b>Focal Plane Shutter</b>	T, 128-1/4000s	T, 128-1/4000s	T, 128-1/4000s	T, 128-1/4000s	faster than 1/800s	faster than 1/500s [3]
<b>Copal Leaf Shutter (ALPA only)</b>	T, B, 1-1/500s via Copal shutter [2]	n/a	n/a	n/a	T, 128-1/800s T, 128-1/1000 [5]	T, 128 - 1/500s
<b>Focus Control via Camera and Remote</b>	n/a	yes	yes [4]	yes	yes	n/a
<b>Display Distance</b>	n/a	yes [4]	yes [4]	yes	yes	n/a
<b>Display Focal Length</b>	n/a	yes [4]	yes [4]	yes	yes	n/a
<b>Display Aperture</b>	n/a	yes [4]	yes [4]	yes	yes	yes [4]

### Remarks

[1] Only lenses with electronic aperture control are supported for aperture control. The lenses aperture ring is disabled. Use the control wheel of your ALPA 12 FPS/Silex. Type "G" lenses not supported.

[2] Please open the FPS shutter permanently and use the Copal flash sync post for synchronizing your digital back and NOT the A or B connector of your ALPA 12 FPS/Silex.

[3] For precision reasons the leaf shutter of Rollei PQS is only used for exposure times 1/500 s and slower.

[4] Only with newer or premium lenses; focus control with non manual focus lenses.

[5] Only new "orange" lenses.

\* Ask for availability and/or combination of adapters possible or needed