CPU - Firmware Rev. History

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THE FIRMWARE FILE NAMED **ALEDA_FW_X.XX.XXX**.IMG IS FOR THE FOLLOW PRODUCTS	
A.LEDA WASH SERIES	A.LEDA WASH K5 (Discontinued) A.LEDA WASH K10 A.LEDA WASH K20
A.LEDA B-EYE SERIES	A.LEDA B-EYE K10 EASY A.LEDA B-EYE K10 A.LEDA B-EYE K20
K-EYE HCR SERIES	K-EYE K10 HCR – K-EYE K20 HCR

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Key

	Grey background	The firmware is not suitable for the fixture.
●	Green background with dot	The firmware is the latest one available for the fixture and includes changes from the previous version for the same fixture.
	Green background	The firmware is the latest one available for the fixture but it does not include any changes from the previous version for the same fixture.
●	White background with dot	The firmware includes changes from the previous version for the fixture but one (or more) newer version(s) is (are) currently available for the same fixture.
	White background	The firmware is suitable for the fixture but it does not include any changes from the previous version and newer versions are available for the same fixture.

Available Firmware upload system		
Fixture-to-Fixture	**FirmwareUpL**oader (C61206 kit)	Web Server

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► CPU Application Firmware

ELECTRONIC BOARD	TYPE **CP0100**	DESCRIPTION CPU board
	CP PART NUMBER **699232** for A.LEDA WASH K5 - K10 and A.LEDA B-EYE K10 - K10 EASY **699236** for A.LEDA WASH K20 and A.LEDA B-EYE K20 and K-EYE K10-K20 HCR	
	IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION ➔ SYSTEM VERSION MENU) CPU brd com.dev	

REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE			K-EYE HCR	
		K5	K10	K20	K10	K10 EASY	K20	K10	K20
2.20.001 *June 2018*	Identification in fixture's Menu: (Board) **CPU brd** (Revis.) Aleda fw **2.20.1** • **A.leda B-Eye K20** • Fixed bug related to the zoom rotation. (This bug was into the version 2.20.000)						●		
2.20.000 *May 2018*	• **K-EYE HCR series** • First official firmware release. • **A.Leda B-EYE and K-EYE series** • Added into the Advanced menu (Password 1976) the function Manual Zoom. It allow to move the zoom out of range to remove the Lens assembly from the fixture (Range -200% to 200%). **WARNING:** This operation must only be carried out by qualified technician. • **A.Leda B-EYE K20** • Fixed bug related to Pan and Tilt movement when the function "Pan/Tilt speed" was selected on "Normal".				●	●	●	●	●

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20
2.17.003 *June 2017*	• Integrated the management of Led driver board (HW4) for A.Leda B-EYE K20						●
2.17.002 *January 2017*	• Improved the CPU management		●	●	●	●	●
2.16.004 *January 2017*	• RDM communication optimized. • Improved the RDM ID functionality. • Added the **RDM unique ID** visualization into the *Information Menu*		●	●	●	●	●
2.15.000 *October 2016*	• Implemented the new password **1976** into the *Advanced Menu* so it is possible to see the history error list of the fixtures. • Added the ***Menu Locking*** into the *Advanced menu*.		●	●	●	●	●
2.11.007 *October 2016*	• Changed the Tilt movement range, during the Reset, to fit the new Tilt sensor hardware.		●	●	●	●	●
2.11.006 September 2015	• In the "Advanced > Zoom Repos" menu, added the possibility to disable the retraction of the zoom assembly if no data is received.				●	●	●
2.11.005 September 2015	• Zoom motors range enhanced • In **A.leda B-Eye K10 EASY**:Option "Reset to default" does not re-enable the secondary fan check anymore as expected.		●	●			

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20
2.10.000 *March 2015*	Identification in fixture's Menu / Identificazione nel menù del proiettore: (Board) **CPU brd** (Revis.) Aleda fw **2.10.0** • In the "Options > Tilt Sensor" menu, added the possibility to disable the Hall sensor check on tilt effect • Group operations enabled in the Web-Server applications • Optimized Pixel Mapping Enablement in the Functions DMX channel.	●	●	●	●	●	●
2.9.014 *February 2015*	• Optimized options set and save procedure, in order to prevent possible loss of settings • Updated RDM protocol management.	●	●	●	●	●	●
2.9.013 *January 2015*	• In the "Setup > Ethernet Interface" menu, added the possibility to manually program the IP address and Subnet Mask • In **A.leda B-Eye models**: optimized Art-Net functionality to assure compatibility with MA consoles.	●	●	●	●	●	●
2.9.011 *December 2014*	• In **A.leda B-Eye models**: optimized reset-to-default function in Option/Setting menu. Now the LEDs calibration are not reset.				●	●	●
2.9.010 *December 2014*	• Added item in Advanced Menu of **A.leda Wash K20** to allow the user to disable the management of power supply's 2nd fan. This allow to perform firmware upgrade on **A.leda Wash K20** manufactured before November, 25th 2013 (before S/N AC019438), where a single fan for power supply is present. • On **All models**: Optimized fixture personality programming via RDM.	●	●	●	●	●	●
2.9.002 *November 2014*	• Improved boards identification procedure to prevent possible problems during firmware updates. • On **A.leda Wash models**: Optimized pixel mapping management in extended mode especially after a parameters "reset do default".	●	●	●	●	●	●
2.9.001 *October 2014*	• Fixed bug relevant to the reset procedure driven by DMX channel on **B-EYE models**.				●	●	●

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20

2.9.000
 	
October 2014
	Identification in fixture's Menu / Identificazione nel menù del proiettore:
	(Board) **CPU brd** (Revis.) Aleda fw **2.9.0**
	
	• Increased firmware upgrade procedure speed.
	• Optimised motors reset sequences (start-up reset and reset from DMX channel are now identical).
	• Improved reliability of "Repeat On DMX" function (signal received from proxy Ethernet and transmitted on DMX line).
	• In **A.leda B-Eye models**:
	  o In Advanced Menu added the LED Calibration Item which allow to adjust the level of Red, Green, Blue and White of any single LED.
	• In **A.leda Wash models**:
	  o Optimized head cooling fan calibration parameters.
	  o Optimized pan and tilt board firmware update procedure.
		●	●	●	●	●	●

2.8.001 *September 2014*	• Improved pixel mapping working reliability after a firmware upgrade.		●	●	●	●	●
2.8.000 *September 2014*	Identification in fixture's Menu / Identificazione nel menù del proiettore: (Board) **CPU brd** (Revis.) Aleda fw **2.8.0** • Added DMX multi-universe management in B-EYEs fixtures. • Added short-cut for Pan/Tilt encoder disabling. • Optimisation of head cooling fan management. • Optimisation of reset/calibration sequence and functionality of several effects, such as: zoom rotation in B-EYE fixtures and CTO in WASH fixtures.		●	●	●	●	●
2.7.004 *June 2014*	• Firmware optimized and checked to be suitable for the whole range of fixtures (Wash K5 excluded).						
2.7.003 *June 2014*	• Increased functional reliability of Zoom movement and rotation. • Optimized functionality of Foreground Strobe and Background Strobe channels of macro set.				●	●	●
2.7.002 *May 2014*	• Optimised speed and acceleration of Zoom movement in **A.LEDA B-EYE K10** and **A.LEDA B-EYE K10 EASY** fixtures.				●	●	

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20
2.7.000 *May 2014*	Identification in fixture's Menu / Identificazione nel menù del proiettore: (Board) **CPU brd** (Revis.) Aleda fw **2.7.0** • **A.LEDA B-EYE series**: o Added new macros o Improved silent mode functionality (by reducing pan/tilt current and zoom movement/rotation acceleration, speed and current). o Improved Tilt homing consistency. o Improved the warning message appearing on the display at power-on, to prevent intense light from going into the fixture through the front lenses. o Implemented Test function. o Smoothed the light beam "brown edge" by slightly rotating the zoom lens during its in-out movement (Note that the "brown edge" can be further reduced in some specific conditions slightly rotating the zoom lens by its dedicated channel). • First official firmware release for **A.LEDA B-EYE K10**. • **A.LEDA WASH K20**: o Implemented the speed reading of the second fan into the fixture base (supplied by the CPU card and used to cool the power supply).		●	●	●	●	●
2.6.050 *April 2014*	• Temporary firmware version for **A.LEDA B-EYE K10** only: - Zoom Rotation speed and direction now identical to model A.LEDA B-EYE K20. - Other minor optimizations.				●		
2.6.049 *March 2014*	• Temporary preliminary firmware version for **A.LEDA B-EYE K10** only.				●		
2.6.003 *March 2014*	• Temporary firmware version for **A.LEDA B-EYE K10 EASY** and **A.LEDA B-EYE K20** only: - improved zoom reset sequence reliability.					●	●

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20
2.6.000 *February 2014*	• Optimized RDM communication. • Optimized WebServer functionality. • Optimized fan "low speed" alarm functionality. • Added Test function in **A.LEDA WASH K5, K10** and **K20**. • Improved memory management to prevent possible loss of user selected option. • First official firmware release for **A.LEDA B-EYE K10 EASY** and **A.LEDA B-EYE K20**. IMPORTANT: in A.LEDA B-EYE K20 a PSU unit p/n ALI00C must be present. If a previous PSU unit p/n ALI003 is present, it is recommended to replace it and in the meantime keep on using the preliminary firmware loaded into the fixture.	●	●	●		●	●
2.3.000 *November 2013*	• Optimized RDM communication. • Added new option "P/T Homing'' on the "Option" menu (opportunity to reset first Pan and subsequently Tilt, opportunity to define 'home' position by default, in absence of DMX signal input).	●	●	●			
2.2.000 *October 2013*	• Optimized RDM communication.	●	●	●			
2.1.000 *September 2013*	• Implemented RDM protocol (via DMX and via Artnet). • Improved the ventilation performance. • Improved "Reset" channel operating. • Added "Special Functions" item in the "Option" menu. • Added "Extended RGBW" item in the "Channel Mode" menu. IMPORTANT: it is necessary to upgrade the CPU configuration file to version 14.0.000 to use this CPU Firmware version and following.	●	●	●			
1.8.006 *March 2013*	• Implemented "Shapes / Macro" channels. • Added new options to the "Function" channel.	●	●	●			
1.8.001 *December 2012*	• Improved the performance of CTO channel. • Improved functionality of fixture-to-fixture firmware uploading.	●	●	●			

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REVISION DATE	DESCRIPTION	A.LEDA WASH			A.LEDA B-EYE		
		K5	K10	K20	K10	K10 EASY	K20
1.7.874 *December 2012*	• Activated CTO channels**.** • Improved the performance of Zoom movement.		●	●			
1.7.607 *September 2012*	• Improved the performance of Zoom movement.		●	●			
1.7.604 *August 2012*	• First official firmware release for **A.LEDA WASH K5, K10** and **K20**	●	●	●			

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