






PRODUCTS	Scenius series Spheriscan series	Sharpy series Supersharpy / Myhos	Alpha 1500 series Alpha 800 series Alpha 700 series Shotlight Wash
----------	-------------------------------------	--------------------------------------	---

## Index

▶▶ CPU application and configuration firmware	2
▶ CPU application firmware .....	3
▶ CPU configuration firmware .....	17
▶▶ MOTOR driver configuration firmware	18
▶ CP101 configuration firmware.....	18
▶ CP103 (silent) and CP108 (silent) configuration firmware.....	20
▶ CP103 and CP108 configuration firmware .....	22

## Key

	Grey background	The firmware is <b>not suitable</b> for the fixture.
	Green background with dot	The firmware is the <b>latest one</b> 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 <u>not</u> 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 newer versions are currently available for the same fixture.
	White background	The firmware is suitable for the fixture but it does <u>not</u> include any changes from the previous version and newer versions are available for the same fixture.

(\*) Fixtures identified by this symbol were discontinued


## ►► CPU application and configuration firmware

ELECTRONIC BOARD	TYPE <b>CP0100</b>	DESCRIPTION CPU electronic board											
	CP PART NUMBER <b>699188</b> , for Alpha 1500 series, Spotlight Wash, Scenius series; <b>699189</b> , for Alpha 700-800 series, Sharpy series, Supersharpy, Mythos; <b>SCH03E/001</b> , for Spheriscan, Spherilight;												
	IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION →SYSTEM VERSION MENU) <div><div><div><div>System version</div><table><tr><td>Board</td><td>Revis.</td><td>Hw.rv</td></tr><tr><td>CPU brd</td><td>2.12.10</td><td>0.2</td></tr><tr><td>com.dev</td><td>0.14</td><td></td></tr><tr><td>0: PT-3f</td><td>0.10</td><td>0.1</td></tr></table></div><div><div></div><div></div></div></div></div>		Board	Revis.	Hw.rv	CPU brd	2.12.10	0.2	com.dev	0.14		0: PT-3f	0.10
Board	Revis.	Hw.rv											
CPU brd	2.12.10	0.2											
com.dev	0.14												
0: PT-3f	0.10	0.1											

## ► CPU application firmware

Filename	Nameroot	Revision	Extension
	HID_FW_	N.N.NNN	.img

Upload system	 Fixture-to-Fixture	 Firmware <b>Up</b> Loader (C61206 kit)	 Web Server
---------------	--	---	--

REVISION DATE	DESCRIPTION	Alpha 700	Alpha 800	Alpha 1500	Sharpy	S.py Wash 330	S.py Wash 330 PC	Supersharpy	Mythos	Speriscan	Spherilight	Scenius Spot	TBA	TBA	TBD	TBD	TBD	TBD	TBD	TBD
<b>2.12.010</b> <i>May, 9<sup>th</sup> 16</i>	Identification in the fixture's user menu (Board) <b>CPU brd</b> (Rev.) <b>2.12.10</b> <hr/> • In <b>Scenius Spot</b> : ○ Movement noise from the zoom / focus lenses at high speed reduced.																			





# HID firmware release 2.x – Revision History

May, 13<sup>th</sup> 2016

Page 6 of 23

REVISION DATE	DESCRIPTION	Alpha 700	Alpha 800	Alpha 1500	Sharp	S.py Wash 330	S.py Wash 330 PC	Supersharpy	Mythos	Speriscan	Spherilight	Scenius Spot	TBA	TBA	TBD	TBD	TBD	TBD	TBD	TBD
2.12.003 Feb, 19 <sup>th</sup> 16	Identification in the fixture's user menu (Board) CPU brd (Rev.) 2.12.3																			
	<ul style="list-style-type: none"> <li>In <b>Speriscan</b>: <ul style="list-style-type: none"> <li>"Pan - tilt shortcut" option removed from the menu;</li> <li>Pan indexing range increased from 360° to 720° (please request the related Update Procedure to <a href="mailto:service@claypaky.it">service@claypaky.it</a>);</li> <li>The mirror pan rotation can now be inverted via the dedicated function in the user menu;</li> </ul> </li> <li>In <b>Speriscan</b> and <b>Spherilight</b>: <ul style="list-style-type: none"> <li>Strobe blade movement range has been unified with that of Scenius Spot (readjusting the mechanical end stop might be needed in some units)</li> </ul> </li> </ul>									●	●									
2.12.002 Jan, 27 <sup>th</sup> 16	Identification in the fixture's user menu (Board) CPU brd (Rev.) 2.12.2																			
	<ul style="list-style-type: none"> <li>In <b>Scenius Spot</b>: <ul style="list-style-type: none"> <li>Lamp cooling system adjusted for optimal color rendering;</li> <li>"Reset to default" function does not cause firmware update failures anymore;</li> <li>Focus / zoom lenses anti-collision system refined;</li> <li>Frost now properly covers all focal planes in all focus / zoom conditions;</li> </ul> </li> <li>In <b>Speriscan</b> and <b>Spherilight</b>: <ul style="list-style-type: none"> <li>Focus / zoom lenses anti-collision system refined;</li> <li>Small refinements introduced to optimize the projection in minimum zoom;</li> </ul> </li> </ul>									●	●	●								



[illegible]









## HID firmware release 2.x – Revision History

**May, 13<sup>th</sup> 2016**

Page 11 of 23

[illegible]





## HID firmware release 2.x – Revision History

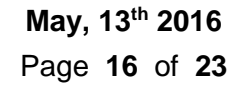
**May, 13<sup>th</sup> 2016**

Page 13 of 23

[illegible]





[illegible]



## ► CPU configuration firmware

Upload system	<input type="checkbox"/>	Fixture-to-Fixture	<input checked="" type="checkbox"/>	Firmware <b>Up</b> Loader (C61206 kit)	<input checked="" type="checkbox"/>	Web Server
---------------	--------------------------	--------------------	-------------------------------------	---	-------------------------------------	------------

REVISION DATE	DESCRIPTION	Alpha 700	Alpha 800	Alpha 1500	Sharp	Sharp Wash 330	Sharp Wash 330 PC	Supersharpy	Mythos	Speriscan	Spherilight	Scenius Spot	TBA	TBA	TBD	TBD	TBD	TBD	TBD	TBD
<b>14.0.000</b> July, 2 <sup>nd</sup> 13	Filename / Nome file : <b>ARM9_HW_14.0.000.img</b>																			
	Identification in fixture's menu: (Board) <b>com.dev (Rev.) 0.14</b>																			
	<ul style="list-style-type: none"> <li>Implemented RDM protocol (via DMX and via Artnet).</li> </ul> <b>IMPORTANT: this version of CPU Configuration file is needed for using the CPU Firmware version 2.1.000 and following</b>	●	●	●	●	●	●	●	●	●	●	●								

## ►► MOTOR driver configuration firmware

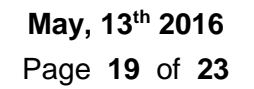
### ► CP101 configuration firmware

ELECTRONIC BOARD	TYPE CP0101	DESCRIPTION PAN-TILT motor driver board
	CP PART NUMBER 699175	
	IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION → SYSTEM VERSION MENU)	

System version

Board	Revis.	Hw.rv
CPU brd	2.12.7	0.2
com.dev	0.14	
0: PT-3f	0.10	0.1

Upload system	<input type="checkbox"/>	Fixture-to-Fixture	<input checked="" type="checkbox"/>	FirmwareUpLoader (C61206 kit)	<input checked="" type="checkbox"/>	Web Server
---------------	--------------------------	--------------------	-------------------------------------	----------------------------------	-------------------------------------	------------

[illegible]

## ► CP103 (silent) and CP108 (silent) configuration firmware

ELECTRONIC BOARD	TYPE	CP PART NUMBER	DESCRIPTION												
	CP0103-4	699198	6-Stepper motor driver board (for silent version)												
	CP0108-4	699199	8-Stepper motor driver board (for silent version)												
	CP0108-5	SCH010	8-Stepper motor driver board (compact dimensions, for silent version)												
	CP0108-5	SCH02E	8-Stepper motor driver board (with heatsink, compact dimensions, for silent version)												
IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION →SYSTEM VERSION MENU)															
<div><div>System version</div><table><tr><th>Board</th><th>Revis.</th><th>Hw.rv</th></tr><tr><td>0: PT-3f</td><td>0.10</td><td>0.1</td></tr><tr><td>1: 6-ch</td><td>0.11</td><td>0.2</td></tr><tr><td>2: 8-ch</td><td>0.11</td><td>0.2</td></tr></table></div>				Board	Revis.	Hw.rv	0: PT-3f	0.10	0.1	1: 6-ch	0.11	0.2	2: 8-ch	0.11	0.2
Board	Revis.	Hw.rv													
0: PT-3f	0.10	0.1													
1: 6-ch	0.11	0.2													
2: 8-ch	0.11	0.2													



## ► CP103 and CP108 configuration firmware

ELECTRONIC BOARD	TYPE	CP PART NUMBER	DESCRIPTION												
	CP0103	699173	6-Stepper motor driver board												
	CP0108	699174	8-Stepper motor driver board												
	IDENTIFICATION ON FIXTURE'S DISPLAY (INFORMATION ➔ SYSTEM VERSION MENU)														
<div><div><div>System version</div><table><tr><td>Board</td><td>Revis.</td><td>Hw.rv</td></tr><tr><td>0: PT-3f</td><td>0.10</td><td>0.1</td></tr><tr><td>1: 6-ch</td><td>0.11</td><td>0.2</td></tr><tr><td>2: 8-ch</td><td>0.11</td><td>0.2</td></tr></table></div></div>				Board	Revis.	Hw.rv	0: PT-3f	0.10	0.1	1: 6-ch	0.11	0.2	2: 8-ch	0.11	0.2
Board	Revis.	Hw.rv													
0: PT-3f	0.10	0.1													
1: 6-ch	0.11	0.2													
2: 8-ch	0.11	0.2													

