

<b>GLP Firmware Change Log</b>		
<b>Product:</b>	<b>impression S350, impression E350 and impression S350 Wash</b>	
<b>Date:</b>	<b>January 31, 2020</b>	

<b>Main changes from V50 to V53</b>		<b>2020-02-03</b>
FEATURES	<ul style="list-style-type: none"> <li>• Improved fan regulation in regulated fan mode which leads to less noise when intensity/ dimmer is between 0 – 40 %</li> <li>• Added RDM PIDs for Art-Net and sACN universes</li> <li>• Added RDM PIDs for Default settings and factory backup.</li> <li>• Added RDM PIDs for Dimmer Curve, Fan Speed, No DMX</li> </ul>	
BUG FIXES	<ul style="list-style-type: none"> <li>• Solved: Some settings menus showed the optional available settings, but the current active setting was not marked active. Now submenus will start with the active setting.</li> </ul>	
UPDATE PROCESS	<p>Update can be done with D3Prog Version 38 or higher. When importing the hex file into a D3Prog (version 38 or higher) please make sure that you choose the file type Intel standard file (Hex- file) before uploading the files to the programmer.</p> <p>Fixtures can be updated daisy chain via RS485/DMX. Please make sure that no other DMX receivers or consoles are active on the line.</p>	
<b>INFO / Warning</b>	<p><b>RDM PID Load Factory backup will set all settings including DMX Address, DMX Mode and Input protocol back to delivery setup !!!</b></p> <p><b>Same with grandMA2 Factory Defaults which is working from grandMA V3.8.0.0 on correctly and will restore factory defaults within 1 click !!!</b></p> <p><b>RDM PID Load Settings Defaults will set all settings to defaults except DMX Address, DMX Mode and Control Protocol including Art-Net and sACN universes and IP information.</b></p>	
Version Details	<p><b>S350_DMX_Main_V053</b>  <b>S350_DMX_Effect-Engine_V48</b>  S350_DMX_LED_V32  S350_DMX_PT_V32  S350_DMX_Fan_V18  <b>S350_DMX_Network_V29</b></p>	

<b>Main changes from 48/46/32/25 to 50/46/32/27</b> <span style="float: right;"><b>2019-05-20</b></span>	
<b>(Main/ Effect_Engine/ LED/ Network)</b>	
FEATURES	<ul style="list-style-type: none"> <li>N/A</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>Solved: In some circumstances fixtures parameters react with delay.</li> <li>The optional CRMX caused problems with too much data traffic and therefore fixtures resets from time to time, randomly</li> </ul>
UPDATE PROCESS	<p>Main and Network Driver have to be updated in sequence (D2Prog Version 38 or higher). Or in one single file (D3Prog, Version 38 or higher). When importing the hex files into a Dprog (version 38 or higher) please make sure that you choose the file type Intel standard file (Hex- file) before uploading the files to the programmer.</p> <p>Fixtures can be updated daisy chain via RS485/DMX. Please make sure that no other DMX receivers or consoles are active on the line.</p>
INFO	Update is strongly recommended
Version Details	<p><b>S350_DMX_Main_V050</b>  <b>S350_DMX_Effect-Engine_V46</b>  <b>S350_DMX_LED_V32</b>  S350_DMX_PT_V32  S350_DMX_Fan_V18  <b>S350_DMX_Network_V27</b></p>

<b>Main changes from 46/41/32/25 to 48/46/32/25 2019-04-18</b> <b>(Main/ Effect_Engine/ LED/ Artnet)</b>	
FEATURES	<ul style="list-style-type: none"> <li>N/A</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>Solved: In some very seldom circumstances fixtures react on glitches on the DMX line and show an unexpected movement on Pan/Tilt.</li> </ul>
UPDATE PROCESS	<p>Main, Effect and Pan-Tilt driver have to be updated in sequence (D2Prog Version 38 or higher). Or in one single file (D3Prog, Version 38 or higher). When importing the hex files into a Dprog (version 38 or higher) please make sure that you choose the file type Intel standard file (Hex- file) before uploading the files to the programmer. Fixtures can be updated daisy chain via RS485/DMX. Please make sure that no other DMX receivers or consoles are active on the line.</p>
INFO	Update is not Show critical
Version Details	<p><b>S350_DMX_Main_V048</b>  <b>S350_DMX_Effect-Engine_V46</b>  <b>S350_DMX_LED_V32</b>  <b>S350_DMX_PT_V32</b>  S350_DMX_Fan_V18  <b>S350_DMX_ArtNet_V25</b></p>

<b>Main changes from 39/41/27 to 46/41/32/25</b>		<b>2019-03-21</b>
<b>(Main/ Effect_Engine/ LED/ Artnet)</b>		
FEATURES	<ul style="list-style-type: none"> <li>• Artnet / sACN implemented</li> <li>• Serial Number Custom PID implemented for RDM</li> </ul>	
BUG FIXES	<ul style="list-style-type: none"> <li>• Solved: Prism jumping out of its position this and then</li> <li>• Solved: LED flickering in the very low dimmer range</li> <li>• Solved: Speed mode fast was active for all effects – corrected to have an effect on Pan/Tilt, only.</li> </ul>	
UPDATE PROCESS	<p>Advice: This Firmware can be updated by using the new D3Prog with Firmware 36 or higher as single update – and all drivers coming in one hex file. This update process is recommended. All File-Slots of need to be empty before uploading the one hex file on the DProg V36. Please delete all existing files before uploading the new one hex file on the DProg V36.</p> <p>Update in sequence – one firmware file after the other - can be done with D3Prog Version 31, still.</p> <p>When importing hex files to a d3prog make sure that you choose the correct file type : intel standard file (Hex file) before uploading the files to the programmer</p> <p>Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line.</p>	
INFO	<p><b>Major Update –</b> <b>This update is strongly recommended to use the fixtures in cross rental.</b> <b>!!! Attention !!!</b> <b>This software may only be installed on devices with the latest hardware version (latest Optical Lens System). If you are not sure if your device meets the latest hardware version, contact GLP Service.</b></p> <p><b>!!! Update is show critical !!!</b> <b>The Update will change the optical performance and focus values will be different after update.</b></p>	
Version Details	<p><b>S350_DMX_Main_V046</b> <b>S350_DMX_Effect-Engine_V41</b> <b>S350_DMX_LED_V32</b> S350_DMX_PT_V31 S350_DMX_Fan_V18 <b>S350_DMX_ArtNet_V25</b></p>	

<b>Main changes from 28/40/27 to 39/41/27</b>	
FEATURES	<ul style="list-style-type: none"> <li>• Manual Control added</li> <li>• Capture Manual DMX Settings and use as Stand-alone or instead DMX Hold</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>• Color/Gobo Shortway: In some circumstances C/G shortway was not working correctly</li> <li>• Movement disabled during working in the display menu improved. Movement will restart with 3s delay after returning back to DMX address.</li> </ul>
UPDATE PROCESS	<p>Main and Effect driver have to be updated in sequence. When importing the 2 hex files to a d3prog please make sure that you choose the file type Intel standard file ( Hex- file) before uploading the files to the programmer. Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line.</p>
INFO	Update is not Show critical
Version Details	<p>S350_DMX_Main_V039  S350_DMX_LED_V27  S350_DMX_Effect-Engine_V41  S350_DMX_PT_V31  S350_DMX_Fan_V18  S350_DMX_ArtNet_V12</p>