

<b>GLP Firmware Change Log</b>		
<b>Product:</b>	<b>GLP KNV Dot/Line – PSU V38</b>	
<b>Date:</b>	<b>August 20, 2021</b>	

<b>Main changes from V34 to V38</b>	<b>2021-08-20</b>
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FEATURES	<ul style="list-style-type: none"> <li>n/a</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>Fixed: Delay on Dimmer when control protocol is Art-Net or sACN</li> <li>Fixed: Delay on Dimmer when control protocol is DMX</li> <li>Fixed: Display freezing</li> <li>Fixed: fixtures lose settings</li> </ul>
UPDATE PROCESS	<p>Update can be done with D3Prog Version 38 or higher. When importing the bin file into a D3Prog (version 38 or higher) please make sure that you choose the file type BIN before uploading the file 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> <p><b>After updating the PSU all connected Dot or Lines should be updated as well. This can be started in the menu &gt; service &gt; advanced &gt; fixture upgrade &gt; upgrade all.</b></p>
<b>INFO / Warning</b>	<p><b>Major Update –</b>  <b>This update is strongly recommended, because of fixing the delay issues.</b>  <b>! Update is show critical!</b></p>
Version Details	KNV_PSU_V38.bin

<b>Main changes from V23 to V34</b>	<b>2021-07-29</b>
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FEATURES	<ul style="list-style-type: none"> <li>Added most important information to the Main Display View e.g. protocol mode with respective details, dimmer curve, PWM frequency and pixel limit settings.</li> <li>Factory Backup is now available via RDM  <b>Take care because all settings will be reset to factory delivery setup</b> and fixtures will change all values to default including start address, control mode and control protocol !!</li> <li>The PSU will now detect if connected Dots and Lines are on the corresponding software. If not, the display will show “UPDATE”. This could be started in the service menu/advanced then at any time.</li> </ul>
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BUG FIXES	<ul style="list-style-type: none"> <li>Fixed PWM settings. PWM can be set via display and DMX now. 2400Hz, <b>3000Hz(default)</b>, 4800Hz, 9600Hz and 25kHz is available</li> <li>Pattern layer priority and fx crossfades working.</li> <li>Pixel Limit settings are now shown and working correctly</li> </ul>
UPDATE PROCESS	<p>Update can be done with D3Prog Version 38 or higher. When importing the bin file into a D3Prog (version 38 or higher) please make sure that you choose the file type BIN before uploading the file 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> <p><b>After updating the PSU all connected Dot or Lines should be updated as well. This can be started in the menu &gt; service &gt; advanced &gt; fixture upgrade &gt; upgrade all.</b></p>
<b>INFO / Warning</b>	<p><b>Major Update – This update is strongly recommended if use the fixtures in cross rental. ! Update is show critical ! The Update could change the output as pixel limit settings, crossfade and priority settings working now as expected.</b></p> <p><b>PWM Default is changed to 3000Hz so if you want to use 2400Hz you need to change this back in the settings or via DMX in the control channel.</b></p>
Version Details	KNV_PSU_V34.bin

<b>Main changes from V21 to V23</b>		<b>2019-11-22</b>
FEATURES	<ul style="list-style-type: none"> <li>Modified main display view</li> <li>Implemented all DMX Modi</li> </ul>	
BUG FIXES	<ul style="list-style-type: none"> <li>Fixed: DMX address setting upper limit was too low.</li> </ul>	
UPDATE PROCESS	<p>Update can be done with D3Prog Version 38 or higher. When importing the bin file into a D3Prog (version 38 or higher) please make sure that you choose the file type BIN 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>	<b>Major Update – This update is strongly recommended if use the fixtures in cross rental. ! Update is show critical !</b>
Version Details	KNV_PSU_V23.bin
<b>Main changes from V17 to V21</b> <span style="float: right;"><b>2019-11-07</b></span>	
FEATURES	<ul style="list-style-type: none"> <li>• Display Art-Net and sACN univers in main display</li> <li>• Implemented all DMX Modi</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>• Solved: Cannot store custom IP-Address</li> <li>• Solved: RDM MS Pixel Rotate is not working correctly</li> <li>• Solved: FX Fade on pattern crossfades is not working</li> <li>• Solved: PSU freezes in very seldom circumstances</li> </ul>
UPDATE PROCESS	<b>See above</b>
<b>INFO / Warning</b>	<b>Major Update – This update is strongly recommended if use the fixtures in cross rental. ! Update is show critical !</b>
Version Details	KNV_PSU_V21.bin
<b>PREMIER RELEASE V17</b> <span style="float: right;"><b>2019-10-09</b></span>	
Version Details	KNV_PSU_V17.bin