



## PRODUCT CHANGE NOTIFICATION

PCN # [1170102]

CXC HP Software v3.31

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada Contact: Doddy Wijanta Product Specialist – Software and Control 604.415.7350 <a href="mailto:doddy.wijanta@alpha.ca">doddy.wijanta@alpha.ca</a>		<b>2. Product Change Notification Number</b> PCN # 1170102									
<b>3. Issue Date of Change</b> Jan 2, 2017	<b>4. System and Product Description</b> Alpha Technologies, Ltd., is releasing a new software version (v3.31) for use with CXC HP series controllers										
<b>5. New Product ID</b> <table border="1"> <thead> <tr> <th>Controller Series</th> <th>s/w Rev</th> </tr> </thead> <tbody> <tr> <td>CXC HP (all)</td> <td>v3.31</td> </tr> </tbody> </table>		Controller Series	s/w Rev	CXC HP (all)	v3.31	<b>6. Old Product ID</b> <table border="1"> <thead> <tr> <th>Controller Series</th> <th>s/w Rev</th> </tr> </thead> <tbody> <tr> <td>CXC HP (all)</td> <td>v2.x, v3.0 - v3.2</td> </tr> </tbody> </table>		Controller Series	s/w Rev	CXC HP (all)	v2.x, v3.0 - v3.2
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<b>7. Associated Products or Changes Affected</b> <ul style="list-style-type: none"> <li>Controller models: CXC HP, CXCi HP, CXCM1 HP</li> <li>All Alpha systems incorporating CXC HP control including, but not limited to: AMPS HP2, CXPS –C, -HX, -W, -E3, and -E2 series</li> </ul>											
<b>8. Drawing No.</b>	<b>9. Product Change Classification</b> Class D <i>Changes that incorporate minor new features and design improvements that do not affect the existing functionality or interchangeability of a product, or that involve other minor improvements to service testing, or other capabilities.</i>										
<b>10. Reason(s) for Change</b> The software version includes various feature enhancements to the CXC HP controller.											

<p><b>11. Description of Change</b></p> <ul style="list-style-type: none"> <li>• Added <b>Power Save</b> to the DC System</li> <li>• Added <b>Battery logs, Performance logs</b> and full support for <b>Datalogs</b></li> <li>• Added wizards for <b>ADIO</b> Input Calibration</li> <li>• Added fields that represent the hour and the minute of the day for use in custom equations, for when the user wishes to take <b>different actions based on the Time-Of-Day (TOD)</b></li> <li>• Added a time and date control setting to the LCD</li> <li>• Made several simplifications and improvements to the DC System including system functions and disconnects.</li> <li>• Added support for the upload and download of <b>configuration files to the BDFB VI Meter</b></li> <li>• Added user preferences for naming exported or saved files</li> <li>• Fixed a small memory leak that was accumulating when alarms were cleared</li> <li>•</li> </ul> <p>The full changelog for CXC HP v2.0-3.31 can be found in the latest user manual on alpha.ca website at <a href="http://www.alpha.ca/solutions/new-products/controllers-communications-2/cordex-cxc-hp">http://www.alpha.ca/solutions/new-products/controllers-communications-2/cordex-cxc-hp</a></p>	
<p><b>12. Effect of Change</b></p> <p>Change will have no effect to system operation or usability beyond what is stated in section 11</p>	
<p><b>13. Material/Product Affected</b></p> <p>N/A</p>	
<p><b>14. Documentation Affected</b></p> <p>N/A</p>	
<p><b>15. Supplier Implementation Date</b></p> <p>V3.31 will start shipping in Alpha production systems January 2017.</p>	<p><b>16. Modification Completion Date</b></p> <p>N/A</p>



Loose controllers may continue to ship with a legacy software version for the next 6-8 months but can be easily upgraded via the web UI or local USB.	
<b>17. Modification Location</b> N/A	
<b>18. Modification Cost</b> N/A	
<b>19. Location and Quantity of Equipment</b> N/A	
<b>20. Attachments</b> None	
<b>21. Comments</b> None	