**HDCU**

**Version 8.12.00**

**I. Overview**

Filename: HDCU installation package

File Location: //Production Firmware Release\Plex\HDCU\USB Install Files

Date: 03/17/21

**II. Applicable Hardware/Software**

HDCU rev F (Assembly 231441)

**III. Installation**

USB installation files

**IV. New Features and Enhancement**

Updated release for HDCU Cal-Trans truck mount application

**V. Bug fixes**

1. The three-second, button press lock-out, that we put into 8.10.0 at the last minute, was effective only for buttons other than the one first pressed. We improved the code to also lock out the button first pressed.
2. Customer reported Friday that the board sometimes does not auto-tilt when in auto-tilt mode.  Adam discovered that this happens when power is removed from the cabinet but not the handheld.  Added a feature to send the tilt mode setting to the H-Bridge board before every tilt command.
3. Changed “Send Stop”, “Send Start” and “Send Page” bitmaps and timing to update from a single thread as opposed to multiple threads, eliminating timing issues.
4. Improved the auto-tilt buttons response rates – previously had to hold down for several seconds.
5. Added an element to the info screen to indicate which board is currently controlling the message (HDCU whenever the message contains field codes, Character card #1 for all other message types)

**VI. CRC32 / MD-5 Checksums**

See below:

html.tar v8.34.4.1E69DD9A-58C5-45F9-A737-0033022B6C04 996f02dd33cca6ff0794f9e836d09773

compass2017.tar v8.39.74.F73EB8D3-9FAC-4122-9FBF-9AB0405D8D72 8b92c65cdbe961ae585c5bc2fd0ba3f5

rfsA.tar v8.279.65.DD4CEE18-F629-4B8D-A33D-42F46F2CDB1B aeb8546b0db49b497b00f109aaf1c0c1

rfsB.tar v8.279.65.88D39842-5ABE-46FC-9A71-F04D8105B391 fd48ab0f09a0fa1024714ff7f749e516

rfsC.tar v8.279.65.F6C10444-CEF7-439D-AFBA-CEA40556F5C1 3fac312a00ff434c34523046f5cd4260

rfsD.tar v8.279.65.69496C11-F18B-4812-A95B-70791B4635AC 8886a2c910b748ae5d402caf699f02e1

rfsE.tar v8.279.65.1162F84E-92C2-4473-A30A-C270B515C918 1d80098f509f4e0ccb2c4e02711be9ca

rfsF.tar v8.279.65.673BB169-B566-47D3-BED9-29956E260ACE 65714eef2119415dc1feca5b39e2e47f

rfsG.tar v8.279.65.836DC472-7327-40D7-9ACF-EFC90A3CBC6F 23bca5295c4587957e21d18abcdbc0ca

rfs\_oldA.tar v8.279.65.5BF6D554-D38F-4FCC-97CE-C5E7A3B24B34 462bf743f8988cba7da5f97793c9ce21

rfs\_oldB.tar v8.279.65.6907E1AF-4A08-4700-8746-01D30232166E 386e4eebecb06c51986a9657bb1a3383

rfs\_oldC.tar v8.279.65.7C693E89-5A32-488B-9AD3-6B19577A7146 3cdee0e8c0355cdd367c276337cb9628

rfs\_oldD.tar v8.279.65.DB3E2569-80CA-4922-80B6-C89654FC1E87 bc408f056d5ea205d891fa49c6b86b28

rfs\_oldE.tar v8.279.65.FD9FCE33-4D27-4BE7-882A-5FB28072167A 2276a7770227ee18c2b3525cf9575654

rfs\_oldF.tar v8.279.65.E34CE7E3-D64B-4ABF-AB61-39F7FA5D2597 2c54bdb4d2d844b2ed624f79f16a2bd6

rfs\_oldG.tar v8.279.65.3F26C349-C077-4886-9B7A-B3469DB76876 88625761c28c75ad64f8cdbaaddee18a

nginx.tar v8.171.171.A98675FB-8FCA-4C9E-8F1C-DA5236ECCF86 c6c345e3ecc0340da84385cc83760cd9

openssh.tar v8.61.59.A3F49871-437C-48B8-88B3-FF12B45373D5 1cc9b257a672be5afbf102a11e458b9f

tslib\_old.tar v8.20.20.4804943F-60F5-427B-AE09-D1723270753D e49693547dfd703531af69f6a415a707

tslib.tar v8.21.21.BB897E5C-29E2-49F2-9FAC-4355E62DA2B1 501f69f2211c69b3792a55415f099079

net-snmp-arm.tar v8.14.95.8E4494EB-63A7-4A63-96D2-B058077612F7 bae411f981335612670b93ebe5ef76c5

mbio.tar v8.1312.1623.80CAE2E9-E598-47EE-9546-DC644CE30C21 32623574bb6940a12243f64a392161bd

libfonts.tar v8.216.725.ABA3D8AA-7DE2-46E9-83C5-D7A9F92FC934 e25203a1ce9bb1e49478be8608083e6d

MBC.tar v8.12.0.0695CD1F-271B-4B10-B2D6-D3997067368F 808440f565a8b56b4213600d80938922

messages.tar v8.184.213.E58B2B77-F11D-46F3-BB85-D00D95232850 9b2fada9ccfbe63d5beb4df97cceb282

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