

Kramer Electronics, Ltd.

Revision history of firmware for the following machines:

**DL-1101, DL-1801, DL-11601, VCO-1, VCO-8, VCO-16 (FullHD machines)  
DL-1504, VCO-5UHD (4K machines)**

*Note1:* for DL-1504 and VCO-5UHD, versions 1.xx are equivalent to 5.xx of other machines.

*Note2:* intermediate versions not installed in the field, are skipped here.

2019.02	v5.39	Triple Factory reset for P3K. FACTORY command now has modes: <ul style="list-style-type: none"><li>• FACTORY P: reset all but IP settings</li><li>• FACTORY A: reset all, and set IP to 192.168.77.xxx</li><li>• FACTORY: reset all, and set IP to 192.168.1.xxx (default behavior)</li></ul>
2018.05	v5.38	Minor bug fix. Double Factory reset (alternate: pressing Reset button for additional 3 seconds will set IP to 192.168.77.xxx)
2017.10	v5.30	DHCP implemented (by setting all DIP switches to OFF)
2017.07	v5.25	DNS name by default contains 6 last digits from MAC. No signal default pattern selection implemented (Y343 command). Major bug fixes: <ul style="list-style-type: none"><li>• DNS NAME and MODEL got reset by Factory</li><li>• Y commands fixed</li><li>• MON_TYPE? returned invisible chars</li><li>• Conflicting Eth loader and USB loader</li><li>• Audio infoframes corrected for the sampling frequency change on the fly.</li></ul>
2017.06	v5.23	Output mode (Auto, HDMI/DVI) implemented (Y202 command)
2017.05	v5.19	HDCP capability setup implemented (Y105, Y335 command). EDID setup implemented (CPEDID, Y201 command). Overlay stacking for -8 and -16 devices implemented (Y212 command).
2017.04	v5.18	Multiple playback programs implemented.
2017.03	v5.16	EDID signature now starts with KSV and manufacturer HEX code.
The versions below were implemented for FullHD machines only.		
2016.03	v4.18	USB support implemented
2016.03	v3.17	Internal logic implemented
2015.12	v3.xx	initial versions

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