



## **TVM/VTM Release Notes**

### **Version 7.40**

Download Filename: vtx\_r0740\_flu.zip

Release Date: 03/11/2016

## **RELEASE SUMMARY**

TVM/VTM V7.40 is a minor release with one new feature.

## **UPGRADING MODULE FIRMWARE**

Please refer to the document "TVM\_VTM\_Flash\_Upgrade\_Procedure\_RevF.pdf" for the upgrade procedure

**Note:** When upgrading, do not power off the unit.

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### **Features**

- Follow AFD feature added to the Anamorphic Display menu

### **Fixed Items**

1. FB:124076 TVM-VTM series does not display whether a 3G signal is Level A or B on the status bar
2. FB:118016 Follow AFD feature request for TVM/VTM series
3. FB:96370 TVM/VTM series safe-area markers
4. FB:98741 TVM/VTM series shows only one line of captioning on CC708
5. FB:111561 TVM/VTM series: Subtitles presentation lagging
6. FB:120221 VITC freezes momentarily when CC data being displayed
7. FB:120220 TimeCode not being displayed when sourced by VSG series products
8. When SDI input cable is connected to VTM /TVM device, the OP47 is lagging after device power-up.



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### Known Limitations

- None

## Previous Release

### Version 7.35

#### Features

- Rebranding with new company logo

#### Known Limitations

- None

### Version 7.34

***Important:** Compare the ABOUT screen to the table below to determine whether the modules were successfully updated. It may be necessary to repeat the update process two or three times until all of the modules are updated.*

## New Supported Options/Enhancements Since Version 7.30

N/A

#### Fixed Items

1. Problems detecting 3Gbps format.
2. Teletext not working properly.
3. Audio phase display mismatch between groups.
4. TVM-VTM-3GB signal generator SD output incorrect.
5. TVM-VTM-JEM2 and TVM-VTM-JEM3 signal generator SD output incorrect.
6. TVM-VTM-JEM2 and TVM-VTM-JEM3 embedded audio not displayed with SD input.



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7. Unit locks up while performing Loudness measurement.

## **Open Items**

### *Dolby E VANC*

1. Dolby E line number alarm is missing from web interface.

### *USB*

1. USB mouse control is not implemented.
2. USB Keyboard - The following non-numeric keys will not function correctly: INSERT, HOME, PAGE UP, DELETE, END, PAGE DOWN and the four ARROW keys.

### *Gamut and SDI Data Freeze*

1. The color of the threshold rings always responds to live video.
2. Graphical Display Engine (GDE) OPT 10 – to view frozen Gamut SDI data when a vector pane is also displayed, the vector pane must display the frozen SDI data.

### *TVM-VTM-ACV-2*

1. TVM-VTM-ACV-2 input board - when in C/D overlay mode and the composite signal is removed from a D input a vertical line will appear on the right side of the waveform display.
2. TVM-VTM-ACV-2 input board - cycle power if the composite vector in C/D overlay mode fails to display one of the input channels properly or shows the phase incorrectly relative to the other channel.

### *TVM-VTM-JEM*

1. 2K formats are not supported.

### *Miscellaneous*

1. Before a flash update is initiated, cold start the unit.
2. Data Analyzer for Dual Link and 3Gb formats can only be invoked when a TVM/VTM-OPT 3GB or TVM/VTM-OPT EJ3 input option board is installed.
3. Graphical Display Engine (GDE) OPT 10 – When monochrome picture is selected, thumbnail will display in color.
4. Graphical Display Engine (GDE) OPT 10 with an Opt SD input board - Waveform in the lower right pane may disappear after preset \*8 (factory default) is loaded when the unit is in the factory default state. Waveform is restored when entering and exiting full screen display mode.
5. The waveform and vector display will flicker when waveform is in vertical sweep mode and input overlay (A/B, C/D).
6. Alarm Reporting Matrix LOG column has not been implemented.



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7. Naming of presets must be done before the preset is stored otherwise the name will not be associated with the preset.
8. LTC continuity alarm will not alarm if the timecode does not advance.
9. Thumbnail picture, when part of a full screen display, may drop frames of video.
10. PEAK LOWER Alarm for PAL could be off by 30 millivolts.
11. Timing reference display may show inaccurate results for 3Gbps formats.

## ABOUT Screen For Version 7.34

MODULE	DEVICE	VERSION
CPU	Firmware	7.34
VPR	OPT 10	1.23
VPR	OPT 40	1.70
VPR	OPT 50	1.01
Slot 1	EYE-1; EYE-2; OPT EYE-S; OPT EYE-H	1.40
	Firmware	N/A
Slot 1	OPT JEM	2.06
	Firmware	1.11
Slot 1	OPT JEM-2; OPT JEM-3	1.11
	Firmware	3.17
Slot X	OPT ASI	1.19
Slot X	OPT 3Gb	1.52
Slot X	OPT HD/SD; SDI-H; SDI-S	1.52



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MODULE	DEVICE	VERSION
Slot X	OPT-SD	1.25
Slot 2	ACV-2	1.22
AUDIO SLOT	A3-OPT 2 or 3 or 5	1.21
	DSP	1.01
AUDIO SLOT	A3-OPT 3TL or 5TL	1.08
	DSP	3.02
	DOLBY (if installed)	2.1.2.7

## Version 7.30

**Important:** Compare the ABOUT screen to the table below to determine whether the modules were successfully updated. It may be necessary to repeat the update process two or three times until all of the modules are updated.

If any problems or questions arise due to the items listed below, telephone the Customer Service Department at **1 888-534-8246** for further clarification.

## New Supported Options/Enhancements Since Version 7.29

N/A

## Fixed Items

1. Amplitude of ASI 270Mbps, when displayed as eye pattern, is now correct.
2. Eye automeasure display is no longer missing on TVM-VTM-JEM video input option.

## Open Items

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VPR	OPT 50	1.01
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	Firmware	N/A
Slot 1	OPT JEM	1.31
	Firmware	1.11
Slot 1	OPT JEM-2; OPT JEM-3	1.09
	Firmware	3.17
Slot X	OPT ASI	1.19
Slot X	OPT 3Gb	1.50
Slot X	OPT HD/SD; SDI-H; SDI-S	1.50
Slot X	OPT-SD	1.25
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## New Supported Options/Enhancements Since Version 7.23

Added Dolby CRC alarm.

Added ability to update Dolby CAT552 card to latest software version.

## Fixed Items

1. Analog or AES audio inputs no longer drop out on a TVM/VTM-A3-OPT 3TL or TVM/VTM-A3-OPT 5TL audio option with video input on a TVM/VTM-OPT-EJ2 or TVM/VTM-OPT-EJ3 video input option.
2. Audio no longer drops out Entering MLT mode.
3. 1080i and 1080p picture in quadrant mode is correct when monitor aspect ratio is 16:9.
4. GPI output 1 works correctly when GPI output 2 is set to follow input.
5. Improved EDH alarm reporting on TVM/VTM-OPT 3GB, TVM/VTM-OPT-EJ2, and TVM/VTM-OPT-EJ3.
6. 2K formats displayed as picture are now correct.
7. Picture Line select cursors are correct with TVM/VTM-ACV2.

## Open Items

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