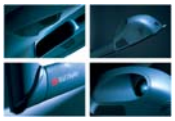
3M Digital Wall Display Series 9000

Release Note



Sept/2006 – 3M™ Digital Wall Display DCB Software Ver 2.1 Release Notes

Background

This bulletin includes information for the *Plus* version of the 3M™ Digital Wall Display DCB Software.

Features of 3M DCB Version 2.1 Software Production Release

- Chinese and Japanese languages added.
- Overscan now applied to video inputs to reduce noise in image borders.
- Magnify feature added. User can cycle through 1.2x, 2x, 3x magnification factors.
- 1080i on component video now allowed.
- PAP (side by side) added.
- POP (top and bottom) added.
- Splash Screens now appear approximately ten seconds after no input is detected.
- Full support for controller applications implemented.
- RS232 Command Codes Updated (Refer to Technical Bulletin #8)
- Event log implemented.
- Fixed bug that prevented recognition of XGA signals on DVI-A input

Limitations of 3M DCB Version 2.1 Release

- Video processing limitation of T2 hardware prevents high resolution formats from being presented in both main or PIP, PAP and POP applications. This problem manifests as “ghosting,” “flashing,” “juddering,” and “stuttering.”
- Changing XGA refresh rate between 70 and 75 Hz is not always detected. It causes a jittery image and can be corrected by pushing the B button.
- Current Main Input displayed in upper right corner of menu, is sometimes black, not white.
- If PIP is off, PIP Mode selection box in menu is blank.
- Menu always displays PIP Location as Bottom Right.
- Menu flickers with rapid navigation.
- Rapidly toggling Menu on and off followed by Magnify or Freeze will turn on Menu instead of the requested function.
- Pushing a remote control button occasionally causes blank screen. Pushing the same button again restores normal operation.
- Occasionally, arm closes immediately after opening.
- Upon power-up with different input, No Signal Detected message box sometimes appears on top of good image. Cleared by pressing the A or Menu button.
- User selected aspect ratio for any input is never preserved across input changes or PIP changes.
- When input is DVI-D, turning PIP on or off, changing PIP mode, or swapping occasionally blanks screen, turns the Standby button Red, and flashes 1 and all 4 on diagnostic LEDs.
- When VGA is disconnected, auto-switch to DVI-D shows flickering image.

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Limitations of 3M DCB Version 2.1 Release, continued

- When Component is disconnected, auto-switch to S-Video or RCA Video does not display the input message box.
- Computer cursor can be moved with remote control's navigation nub even when arm is closed.
- Leaving the Verbosity setting at High causes "hiccups" (momentary display of corrupted images) when PIP is turned on or off, PIP mode is changed, either input is changed, or swapped. Input switching time is increased.
- Some translations in On Screen Display are shifted to the far right or do not display properly.
- Occasionally, the splash screen is corrupted.
- Turning PIP on or off when Timer is active occasionally corrupts the timer.
- English PIP>Input>RCA Video entry extends beyond box.
- B button on remote control does not auto-detect position of video inputs.

Download Updater Software

The 3M DCB Version 2.1 Software utility can be downloaded from the 3M 9000 Digital Wall Display information site at:

http://solutions.3m.com/wps/portal/3M/en_US/Meetings/Home/Solutions/Product_Catalog/Digital_Wall_Display/Software

Additional Information

If you have any questions about this bulletin or any 3M Visual System product, please contact the nearest location below.

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