

3M™ Digital Wall Display Series 9000Plus

Release Note



July/2008 – 3M™ Digital Wall Display DCB Software Ver 2.3 Release Notes

This bulletin includes information for the 3M™ Digital Wall Display Series 9000 *Plus* machines.

Features of 3M DCB Version 2.3 Software Production Release

- It is now possible to control the projector using HTTP (Ethernet). The feature is shipped disabled. It can be enabled using the Controller command WEBC on the control/diagnostics port. See technical bulletin #8 for further details.
- The only picture settings that are now format specific are aspect, phase, position, and sync. All other picture settings are input specific. Users no longer have to adjust settings, such as brightness, every time the format changes on an input.
- Auto-detect of position now works correctly. This resolves most, if not all, of the positioning problems that occur when video switches are used.
- When there is only one active input, pressing the Input button no longer resets the picture settings to default values and blanks the screen for several seconds. Now, the Input Info box is displayed.
- If a format hasn't been used for two hours, its format specific settings revert to default values. If there's no signal on an input, the two hour expiration does not apply to the format last seen on that input.
- The "Model" keyword is now accepted in HTTP status requests. It displays the 3M_PRODUCT string embedded in the software (*.brec). It allows identification of a projector's model series without the need to retrieve or display the status webpage.
- Many commands that were "Ignored" while the arm is closed are now accepted. This allows the unit to be setup and its status to be queried while the arm is closed. See technical bulletin #8 for further details.
- The white peaking command, WPK, has been moved from Technician to User level. White peaking corresponds to the on screen menu Picture>More>Color/Brightness slider.
- High verbosity level no longer persists across power cycle. This prevents users from encountering odd behavior after technicians perform diagnostics.
- A white bar no longer appears at top of screen when S-Video and RCA video is unblanked.
- The Input Info box now appears every time main video input changes.
- Every time the main power is removed while the lamp cooling fans are on, the "Digital Wall Display was powered off while fans were on" event will be logged into the event log.

Limitations of 3M DCB Version 2.3 Release

- On rare occasions, a change in signal format, input, or PIP operation, or loss of signal may cause the screen to stay blank, the Standby button to glow red, stop the "Knight Rider" pattern normally displayed by the diagnostic LEDs, or corrupt the no signal splash screen. It may be necessary to cycle main power to restore normal operation. The limitation applies not only to 2.3 but also all earlier versions.

3M Projection Systems Department
3M Austin Center, Bld. A147-5N-01
6801 River Place Blvd.
Austin, TX 78726-9000
www.3m.com/meetings

Tel: 1-800-328-1371
E-mail: meetings@mmm.com
Printed in U.S.A.
© 3M 2008. All Rights Reserved.



Release Note – July/2008, continued

- The command line interface is not intended to be used simultaneously on both the RS232 serial port and the Ethernet port. Attempting to do so will cause undesired behavior. For example, when the RS232 port has displayed a page and is waiting for a response from the user to display the next page and a command is received via HTTP, the RS232 port will display all remaining pages, then execute the command that came in via HTTP. The person or program that issued the command via HTTP will receive “No response.” If you need to control the projector via the RS232 port and wish to query the projector’s status via the Ethernet, use the “projector_IP_address” or “projector_IP_address/status” URL instead of the “projector_IP_address/cli” URL.
- Turning PIP **On** or **Off** when Timer is active occasionally corrupts the timer. This limitation applies not only to 2.3 but also all earlier versions.
- Even if PIP is **Off**, pressing the SWAP button or issuing the SWAP command will switch the main window to the input that would have been in the PIP window.
- Sometimes, the format specific settings for Component input are not restored on input switch or power cycle.
- If the button keypad behind the bottom right door is used to bring up the menu and select the Picture>Detail Enhance slider, holding down the right or left button to rapidly move the slider will cause the screen to blank for several seconds and take down the menu.
- If the position of a DVI-A image is adjusted so that the image is mostly off-screen, pressing the B button will fail to auto-detect and apply the correct position. Use the on-screen menu to do a Picture>Reset.

For Your Information: Expected Operation

- Video processing limitation of T2 hardware prevents high resolution formats from being presented in two windows at the same time, e.g. SXGA on main and 1080i on PIP. This limitation manifests as “ghosting,” “flashing,” “juddering,” and “stuttering.” Using XGA instead of SXGA not only prevents this problem but also provides the clearest image.
- Computer cursor can be moved with remote control’s navigation nub even when arm is closed.
- B button on remote control does not auto-detect position of video (Component, S-Video, and RCA) inputs.
- The Input button on the remote control does not switch to another active source when “*No signal Detected*” is displayed and the “*Auto Switch Input*” feature in the Tools menu is **Off**. Use the on screen menu to switch to the desired input.
- The volume buttons (MUTE, VOL+ and VOL-) can be temporarily set to operate with the arm closed. Place the unit in standby mode, press the C button, then immediately press the Mute button on the remote control. The volume buttons will now operate with the arm closed. Once the arm is opened, the setting is erased when the Standby button is pressed to close the arm. ***Note: This is not a supported feature and is subject to change or removal in a future release.***

Download Updated Software

The 3M™ DCB Version 2.3 Software utility can be downloaded from the 3M™ Digital Wall Display 9000 information site at:

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

Release Note – July/2008, continued

Additional Information

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

U.S. / Europe / Asia/Pacific-Rim

Technical Assistance Center
Projection Systems Department
3M Austin Center, Bldg. 147-5N-01
6801 River Place Blvd.
Austin, TX 78726-9000
Phone: 1-800-328-1371
Fax: 512-984-6550
E-Mail: www.3m.com/meetings [*Click on "Contact Us"*]

Canada

Rene Bunag
Projection Systems Department
3M Canada Co
1840 Oxford St. East London, Ontario N5V 3R6
Canada
Phone: 1-800-265-1840 x 2798
Fax: 519-659-5263
E-Mail: rebunag@mmm.com

3M and the 3M logo are a trademark of 3M Company. Microsoft and Windows is either a registered trademark or trademark of the Microsoft Corporation. Mac and Macintosh are trademarks of Apple Inc., registered in the U.S. and other countries. All other trademarks or registered trademarks are property of their respective companies.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability

3M's product warranty is stated in its Product Literature available upon request. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated in the Product Literature, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**

Release Note – July/2008, continued

This page is intentionally blank