



MCC-8000 Clocks

The latest Media Command Center – Virtual Monitor Wall System is capable of displaying either an analog clock, digital clock, or a bitmap image. You can also use the clock label as a label by changing the color of the clock. This document will describe the procedure for changing the digital clock (default) to either an analog clock or a bitmap image. You can also change the Avitech logo in the analog clock to your own custom bitmap logo.

Requirements

1. MCC-8000 series module
2. Latest firmware including MB-A/MB-D
3. Galaxy V3.08 dated 3/30/2006 or later
4. Laptop or PC with a serial (RS232) or Ethernet (RJ45) cable

Firmware Version

The first thing you have to do is verify the firmware version that is on your MCC-8000 series module. To do this, connect to the module using Galaxy V3.08 from your laptop or

PC. Select Help—Read Bios Version. You should see the following:

CB Bios: V6.01.15 03.30.06
MB-D Bios: V1.18.01 04.04.06
MB-A Bios: V1.00.00m 03.31.06
OSD Bios: V1.01.00 2.16.06

There is also an UB Bios but that will be different for different modules. If your firmware version matches the above, then proceed to follow the instructions on switch between digital and analog clocks. If your Bios shows something different, please contact our friendly technical support department for further assistance.

Digital to Analog Clock

Switching from digital to analog clock is a fairly simple process. If you are currently using Cosmos, you will need to download the latest version of Galaxy to perform this task. Please remember to close any software before proceeding.

1. Start Galaxy by double clicking on Galaxy.exe
2. Select Others from the Communication Mode Menu

3. Make sure to Select Others to access the bottom half of the menu
4. Select Using Analog Clock
5. When it is complete, you will be prompted to power cycle the module
6. Upon power cycling the module, the digital clock will now be an analog clock

Afterwards you can exit out of the Others menu and run Cosmos or Galaxy normally. In Cosmos or Galaxy, you can reposition the analog clock anywhere you want; however, you will not be able to resize it by dragging the border of the clock. There are five pre-determined sizes available to set the analog clock. To resize the analog clock, right click on the clock and select settings. Next to the Analog Clock Size drop down menu, you can select the pixel size for the analog clock.

Keep in mind that if you use the dip switch to perform a hard reset of the module, the analog clock will revert back to its default factory setting and become a digital clock.

Analog Clock to Bitmap

Changing the analog clock to a bitmap is a fairly simple process. First follow the procedures about to change the digital clock to an analog clock. Then in Galaxy, right click on

the analog clock and select settings. Next to the analog clock size drop down box, select On Screen Logo. This will change the analog clock to the default SVS bitmap logo. In later versions of Galaxy, you can right click on the analog clock and then select Type and then Screen Logo. In Cosmos, the method for changing the analog clock to a bitmap is basically the same. You can right click on the analog clock and choose the style.

Uploading a New Bitmap

Users can upload their own bitmaps using Galaxy. Please keep in mind that the bitmap must meet the following requirements.

Width: 960 Pixels

Height: 1024 Pixels

File Size: 512KB

Color: 256

To Upload a Bitmap

1. Double click on Galaxy.exe
2. Select Others
3. Check Others and then make sure only Screen Logo is checked
4. Select Build and then locate the Bitmap you want to upload
5. Select Update for Galaxy to upload the new Bitmap

6. When Galaxy finished uploading the bitmap, power cycle the module and exit the Update Bios menu
7. Run Galaxy like normal and follow the instructions above to change the analog clock to a bitmap

Uploading a New Analog Clock Logo

By default, an Avitech logo is displayed in the center of the analog clock. You can change this logo to your own using the latest version of Galaxy dated 5/15/2006 or later.

To Upload a New Analog Clock Logo

1. Double click on Galaxy.exe
2. Select Others
3. Check Others and then make sure only Clock Background is checked
4. Select Build and a new menu should appear
5. The easiest way is to select Stretch Size and then browse for the BMP file you want to use as the clock background logo
6. Select Ok to build the BMP into a file
7. Then select Update in the Update BIOS Menu to add the new logo to the clock
8. When the update completes, power cycle the module and then restart Galaxy

9. After the module powers on, you will see the new logo in the middle of the analog clock

Uploading a New Boot Logo

With the latest version of Galaxy, you can also change the boot logo of your module from the default Avitech logo to your station logo or your company logo. The process is relatively straight forward and is similar to the instructions for Uploading a New Bitmap. It is best that you upload a bitmap at the maximum size of 960x1024 so it covers the entire screen when the module boots.

To Upload a Boot Logo

1. Double click on Galaxy.exe
2. Select Others
3. Check Others and then make sure only Boot Logo is checked
4. Select Build and then locate the Bitmap you want to upload
5. Select Update for Galaxy to upload the new Boot Logo
6. When Galaxy finished uploading the bitmap, power cycle the module and exit the Update Bios menu
7. When the module resets, you should see the new boot logo

Technical Support

If you have any questions regarding the information provided in this guide, please call our technical support line at 425-885-3863 or our toll free line at 1-877-AVI-TECH.

To contact the author of this document, please send an email to Thomas@avitechvideo.com.