

Product Affected:

- 5600MSC
- 5010 (if operating in Time/Date mode)
- 5010-24 (if operating in Time/Date mode)
- 5010-VITC (if operating in Time/Date mode)
- 5010-GPSII
- 1200DD
- 1201DD
- 1200 Analog Clock (If previously enabled)
- 808X series Caption Encoders
- HD9084

Overview

This is to advise our customers of the upcoming change in Daylight Saving Time (DST) and how to adjust for this with our products. DST has previously been recognized in North America as being observed as:

Previous Start of DST: First Sunday in April at 2:00 AM

Previous End of DST: Last Sunday in October at 2:00 AM

Recent Government Legislation has changed the time period for DST by extending it by 3 weeks. This has resulted in the following changes:

New Start of DST: Second Sunday in March at 2:00 AM

New End of DST: First Sunday in November at 2:00 AM

Changing the Start and End for Daylight Saving Time

5600MSC

The following information may also be found in section 3.7.6 of the 5600MSC manual.

To modify the DST on the 5600MSC perform the following change from in the GENERAL menu. Use the up/down arrows or shaft encoder to navigate the menu. Use select to go down a level in the menu and esc to move up a level Press the SELECT button to confirm a change. The selected item now flashing will note this:

1. Go to DST rules; press select.
2. Verify that DST Date Mode is set to "day/wk/month".
3. Set the DST END month to "nov".
4. Set the DST END Week to "wk 1".
5. Set the DST END Day to "sun".
6. Set the DST END hour to time DST changes. In North America this setting will be "0200" or 2:00 AM.
7. Set the DST START Month to "mar".
8. Set the DST START week to "2".
9. Set the DST START Day to "sun"
10. Set the DST START hour to time DST changes. In North America this setting will be "0200" or 2:00 AM.
11. The 5600MSC has now been configured for the new DST times.

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5010/5010-VITC/5010-GPSII/5010-VITC-GPSII/5010-24

The following information may also be found in section 3.2 of the 5010 and 5010-GPSII manuals.

Settings for DST on these products are done through the extended Front Panel Display (SHIFT+ DISPLAY). To navigate through the various displays, hold down the SHIFT button and press the DISPLAY button. The DST is configured as follows (based on latest firmware for the product):

1. Hold down the **SHIFT** button and press the **DISPLAY** button until “**DSTBEG**” is shown in the display. Press the **ENTER** button to go into entry mode. **DSTBEG** will be flashing. Use the up/down arrows until “**SUN 2 MAR**” is shown beside the **DSTBEG**. Press the **ENTER** button. **DST** begin date is now set for the 2nd Sunday in March.
2. Hold down the **SHIFT** button and press the **DISPLAY** button until “**DSTEND**” is shown in the display. Press the **ENTER** button to go into entry mode. **DSTEND** will be flashing. Use the up/down arrows until “**SUN 1 NOV**” is shown beside the **DSTEND**. Press the **ENTER** button. **DST** end date is now set for the 1st Sunday in November.
3. Hold down the **SHIFT** button and press the **DISPLAY** button until “**DSTB**” is shown in the display. Press the **ENTER** button to go into entry mode. **DSTB** will be flashing. Use the numeric buttons to enter in **02:00:00:00**. Press the **ENTER** button. **DST** begin time is now set for the 2 AM.
4. Hold down the **SHIFT** button and press the **DISPLAY** button until “**DSTE**” is shown in the display. Press the **ENTER** button to go into entry mode. **DSTE** will be flashing. Use the numeric buttons to enter in **02:00:00:00**. Press the **ENTER** button. **DST** end time is now set for the 2 AM.
5. The unit is now configured for the new DST times.

1200DD/1201DD

The following information may also be found in section 3.4.6 of the 1200DD manual.

To navigate the 1200DD/1201DD menu, press the SETUP button to enter into the menu system. ITEM will step you through each menu item which will be shown on the right hand side of the display. Press SELECT to go into the sub-menus or to choose a setting. When selected, the will flash indicating this is what is currently set. ITEM will show the various selections available in that menu. SETUP will back you out of the menu, one level at a time.

To get to the daylight savings time menu press SETUP and then press ITEM until **DZ** is shown on the right side. Press SELECT. **All configuration settings for daylight saving time are located under the DZ menu. All references below refer to settings and sub-menus under DZ.**

All configuration settings for daylight saving time are located under the DZ menu. All references below refer to sub-menus and settings under the DZ menu.

To see is the device is currently using the automatic feature for Daylight Saving Time, press ITEM until **EN** is shown. Press SELECT.

If OFF is flashing, DST is not being used and further settings are not required unless this feature will be used in the future.

If you wish to use this feature now, press ITEM until **ON** is displayed and then press SELECT. **ON** will flash. To change the DST start and end date, change the following settings (These refer to the most common settings):

1. Press **ITEM** until **MD** is displayed and press **SELECT**. Press **ITEM** until **7** is displayed. Press **SELECT**. **7** will now be flashing. Press **SETUP** once to return to menu tree.

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2. Press **ITEM** until **SM** (Start Month) is displayed and press **SELECT**. Press **ITEM** until **3n** is displayed. Press **SELECT**. 3n will now be flashing. Press **SETUP** once to return to menu tree.
3. Press **ITEM** until **SW** (Start Week) is displayed and press **SELECT**. Press **ITEM** until **2** is displayed. Press **SELECT**. **2** will now be flashing. Press **SETUP** once to return to menu tree.
4. Press **ITEM** until **SD** (Start Day) is displayed and press **SELECT**. Press **ITEM** until **1d** is displayed. Press **SELECT**. **1d** will now be flashing. Press **SETUP** once to return to menu tree.
5. Press **ITEM** until **SH** (Start Hour) is displayed and press **SELECT**. Press **ITEM** until **2h** is displayed. Press **SELECT**. **2h** will now be flashing. Press **SETUP** once to return to menu tree.
6. Press **ITEM** until **EM** (End Month) is displayed and press **SELECT**. Press **ITEM** until **11n** is displayed. Press **SELECT**. **11n** will now be flashing. Press **SETUP** once to return to menu tree.
7. Press **ITEM** until **EW** (End Week) is displayed and press **SELECT**. Press **ITEM** until **1** is displayed. Press **SELECT**. **1** will now be flashing. Press **SETUP** once to return to menu tree.
8. Press **ITEM** until **ED** (End Day) is displayed and press **SELECT**. Press **ITEM** until **1** is displayed. Press **SELECT**. **1** will now be flashing. Press **SETUP** once to return to menu tree.
9. Press **ITEM** until **EH** is displayed and press **SELECT**. Press **ITEM** until **2** is displayed. Press **SELECT**. **2** will now be flashing. Press **SETUP** once to return to menu tree.
10. Press **ITEM** until **OF** (Hours to offset) is displayed and press **SELECT**. Press **ITEM** until **1h** is displayed. Press **SELECT**. **1h** will now be flashing. Press **SETUP** once to return to menu tree.

The 1200DD/1201DD is now configured for the new daylight saving time.

1200 Analog Clock

The default factory settings for daylight saving on the 1200 Analog clock is **OFF**, there is no need to set these clocks unless they have been previously customized using HyperTerminal or other terminal programs via computer. Section 7.1 to 7.2.10.7 refers to connection and configuration using a computer. Please refer to the 1200 Analog clock manual if reconfiguration is required.

808X series/ HD9084 Caption Encoders

The 808X series of Caption Encoders require new firmware to recognize the new changes to daylight saving time in North America. This update will **ONLY** be required if **Time of Day** packets are being inserted into the XDS data. **This should only affect PBS stations** as it is in their mandate to due these insertions. Other stations should refrain from doing this insertions due to Consumer Electronics issues (See section 5 of the XDS Time of Day. PDF located in the resources section of our web site for details):

<http://www.evertz.com/resources/AN3XDSTimeofday1v2.pdf>

The new revision of firmware for the 808X series will be CK88Dx.M R 070123 and will be posted in the Downloads section of our web site at:

<http://www.evertz.com/downloads/firmware?c=8000>

The new revision of firmware for the HD9084 will be 1v12 build 3 and will be posted in the Downloads section of our web site at:

<http://www.evertz.com/downloads/firmware?c=9000>

If the new firmware above is not posted, you may sign-up for our **Automatic Firmware Notification** system at:

<http://www.evertz.com/downloads/notify>

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