

CombiFlash[®] Rf and Torrent[®] Software Update

Instruction Sheet 60-5232-142
Revision D, December 6, 2010

Overview

These instructions describe the steps necessary to update the main CombiFlash Rf and Torrent system software. These instructions assume that:

- You have read the installation guide and have knowledge of the system operation,
- The system is installed and operational,
- A USB Flash storage device, 128 MB or greater, is available,

or,

A Windows computer can log on to the system through a direct or network connection. Refer to Section 4 of the installation guide.

CAUTION

Follow these instructions carefully. Never interrupt the software update process. If the software update is interrupted, the system may fail to operate, or worse, may not allow a connection for another attempt.

Note

These instructions apply to CombiFlash Rf and CombiFlash Torrent systems, except where noted.

CombiFlash Software Update

You perform a software update by transferring a patch file by either a USB Flash storage device or through a network connection to the system with a Windows computer. Refer to the instructions for your selected method.

The patch file is named [sys].X_X_X, where “[sys]” is either “Rf” or “Torrent” and “X” is the revision number.

Note

The patch file is available for download from www.combiflash.com. You can also request the file on CD media from www.combiflash.com or by contacting Teledyne Isco or its representative.

Note

Instructions may vary according to the version of software currently installed on the system. Before attempting to update the software, identify the current software revision by selecting “Help>About PeakTrak” from the PeakTrak menu. These instructions will note the differences when applicable.

To update the software using a USB Flash storage device:

1. Save the patch file to the root directory on the USB Flash storage device.
2. Ensure that the CombiFlash system is On and the touch screen is displaying the main menu.
3. Insert the USB Flash storage device into the USB port on the CombiFlash system. This port is located just below the touch screen display.
4. Wait 15 seconds for the system to mount the removable storage device.
5. From the menu, select Help>Software Update.

The CombiFlash system will search the USB Flash storage device for patch files. The system will list a patch file if the revision number is the same or higher than the current system software revision. If the USB Flash storage device contains more than one patch file that has not yet been applied, the system only lists the file with the greatest revision number.

6. Select the patch file to install and click the OK (v1.0.0) or Install (v1.2.14, or higher) button. Monitor the touch screen display. The system will begin copying files and install the update.
Update from v1.0.0 (CombiFlash Rf Systems Only) – When the update is complete, the system automatically starts the shut down routine as noted in the Install Notes field. Proceed with step 7.

Update from v1.2.14 or higher – The system reports in the Install Notes field that it is “performing post-installation procedures.” Note that the upper region of the window (next to the Install button) states “software update complete.” Click the Close button and the system displays a message box “wait about a minute from now to allow the system to shut down.” Click the OK button and proceed with step 7.

7. After the touch screen display fades, restart the CombiFlash system. To do so, place the power switch in the Standby position, wait sixty seconds, and then place the switch back in the On position.

The system is ready for use when the log in or main window appears.

Note

Verify the new software revision numbers by selecting “Help>About PeakTrak” from the PeakTrak menu. This window reports the installed versions of software.

To update the software from a Windows computer:

1. Refer to section 4 of the installation guide and establish either a direct or a network connection with the *CombiFlash* system.
2. Save the patch file to a local drive (C:\) on a computer that can communicate with the *CombiFlash* system. A local drive will help to ensure that the update will not be interrupted due to slow data transfer rates.
3. Start Microsoft Internet Explorer.
4. Open the software update page by entering the address...
`http://_____/combiflash-update.html`
... where the blanks are replaced with the numeric IP address or DHCP name.
5. Click the Patch File Browse button. Locate and select the file [sys].X_X_X that you saved to your local drive in step 2.
6. Click the Upload button. The touch panel display will alert operators: “the *CombiFlash* system software is being updated. The instrument is not available at this time.” You can monitor the progress using Internet Explorer’s status bar (on the bottom region of the window).

7. During the transfer, the Internet Explorer software update page will advance to a text screen that identifies the installed components. If you scroll to the bottom of this screen, note that it instructs you to “restart the instrument.” Close Internet Explorer.
8. Monitor the touch panel display. After the display fades, restart the *CombiFlash* system. To do so, place the power switch in the Standby position, wait sixty seconds, and then place the switch back in the On position.

The system is ready for use when the log in or main window appears.

Note

Verify the new software revision numbers by selecting “Help>About PeakTrak” from the PeakTrak menu. This window reports the installed versions of software.

Assistance Available

Should you need assistance with these instructions, please contact Teledyne Isco.

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