

## **KOSMOS System Software 4.1.2.23**

Date: September 7<sup>th</sup>, 2022

Distribution: Internal (sales and clinical educators) and External (customers)

#### System Software v4.1.2.23 Release

The 4.1.2.23 system software release provides the following features and improvements for KOSMOS:

- User interface updates to support functionality of the new Kosmos Lexsa probe
- Bug fixes, including fixes to align battery fuel gauge display

To implement the software update, follow the process outlined in Software Update Process Over Wi-Fi or Using USB Flash Drive.

#### System Software Availability

The 4.1.2.23 system software is available for customers in the following countries:

• USA

Philippines

- India
- Singapore
- ChileBrazil

- Nepal
- Malaysia
- Argentina

- Vietnam
- Hong Kong
- Taiwan
- Japan



# Software Update Process

## Update Over Wi-Fi

From the Home screen, tap settings. Tap Language, Date, and Time. Ensure "Automatic Date and Time" is enabled.

Language	English	Ŧ	Date format MM.DD.YYYY
Use 24-hou 4.25 PM	ur format		Ū.
Select time	e zone Ilio Saylight Tir	æ	
Automatic	ally Set Date	e and Time	re when connecting to hotwork

Connect the Wi-Fi network with an internet connection.

Go to Settings > Admin > Updates and press CHECK FOR UPDATES.



The device will connect with the update server and press UPDATE NOW.

**Note:** The picture shown is an example of the screen you will see. The update version indicated will be 4.1.2.23.

Soft	ware update available
This	software is version 1.0.41
Upda	ate version: 1.0.41
Upda	ate size: 711 MB
	ion: I won't be able to use your tablet during the update. I may lose some patient data, so please back up your database.
UF	PDATE NOW LEARN MORE



The device will begin to download the update package from the server. You will be able to see the progress of the download.

After the update package has been downloaded, the system will begin installing the update package.

Installation of the download package can take about a minute or two. You will be able to see the progress of the installation.



Downloading update 26<sup>th</sup> Do not turn off the device

Once the installation is complete, the Kosmos Bridge will reboot and a message will appear saying that the update is complete.

After the update is installed, shut down and restart the Kosmos Bridge using the power button.

# After completion of the CW update, it is highly recommended that you charge your system overnight to 100% battery level.

When performing CW Doppler imaging at battery levels of 25% or less, it is recommended to plug in the Bridge charger if conditions allow it. CW Doppler uses more power than the other ultrasound imaging modes, and using the Bridge charger with CW imaging at low battery levels will prevent any potential CW imaging disruptions.



## Update Using USB Flash Drive

If the device cannot be connected to the internet, the software may be updated by a USB flash drive.

For a USB flash drive, contact EchoNous Customer Service by telephone at (844) 854-0800 or via email at service@echonous.com.

Note that KOSMOS System Software must be installed from a USB flash drive provided by EchoNous.

Plug the USB Flash Drive directly into the USB-C port on the side of the Kosmos Bridge.

The system will recognize the USB drive and begin to verify its contents. This can take 2 to 3 minutes to complete.



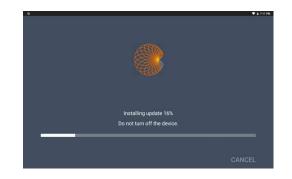
Once the contents of the plugged in USB drive have been verified, you will see a popup message.

Press the INSTALL button.





Kosmos Bridge will begin copying the update package from the USB drive. You will be able to see the progress on the screen.



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ve the USB dri

CANCEL

Do not turn off Ko:

Once the update package has been copied, the installation process will immediately start.

Once the installation is complete, the Kosmos Bridge will reboot and a message will appear saying that the update is complete.

After the update is installed, shut down and restart the Kosmos Bridge using the power button.

After completion of the CW update, it is highly recommended that you charge your system overnight to 100% battery level.

When performing CW Doppler imaging at battery levels of 25% or less, it is recommended to plug in the Bridge charger if conditions allow it. CW Doppler uses more power than the other ultrasound imaging modes, and using the Bridge charger with CW imaging at low battery levels will prevent any potential CW imaging disruptions.



### Learn Videos

Install Using USB Flash Drive

To begin, insert the USB drive with the Learn video files directly into the USB-C port on the side of the Kosmos Bridge.

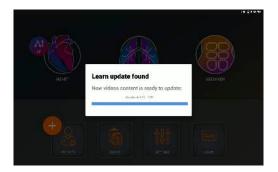
Tap the LEARN button on home screen.



A popup message will appear, Tap UPDATE.



The update process will begin. You will be able to see the progress on the screen.



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After the update is complete, the videos will be available in Learn.



Install Over Wi-Fi

Connect the Wi-Fi network with an internet connection.

Go to Settings > Admin > Updates and press CHECK FOR UPDATES.

Press UPDATE NOW when update is available.

s 📅 Software lipdate	AV 1 (68)
Video update available	
Video Update Version: 2,1	
Update size: 356 MB	
Caution:	
UPDATE NOW LEARN MORE	
Software information	
Version 3.2.0.92	

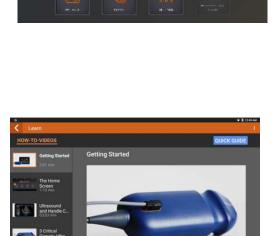
A popup message will appear, Press OK

/ideo update availa	ble	
Video Update Vers Update aize: 356 N Caution:	Download and install the update?	
UPDATE NOW	LEARN MORE	



During the download, the Learn button on the home screen is disabled and will show the progress of the download.





## **Enable the Handle Controls**

The Handle Controls feature can be enabled from the Home Screen.

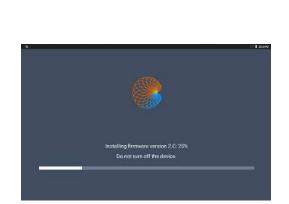
Tap TURN ON HANDLE CONTROLS then tap ON.





When the Handle Controls are enabled for the first time, Kosmos Bridge will prompt you to update the Handle Controller firmware.

Press the INSTALL button on the popup to update the Handle Controller firmware and Kosmos Bridge will proceed to install the firmware.



Update firmware

New handle controller firmware found. You must install it again to enable handle controllers.

OK INSTA