iMSx-P Synthesizer Software and Documentation download

Go to the <i>Support</i> page on the Isomet Web Site		ISOME			
Select Synthesizers		Home			
https://isomet.com/synth_home.html		Application Notes Synthesizers	Synthesizer Select the synthezie	s Support r family below:	
Select synthesizer model		Manuals	iMS2 Support iMS4 Support iSK3 Support		
			iHHS Support iDDS Support		
1. Software		N			
Depending on your model, select <i>iMS4 Support</i> for iMS4	ISOM	ΕΤ 📎			
- or- <i>iMS2 Support</i> for iMS2	▶ Home/Support/Synths				
Download the iMS software from https://isomet.com/ims4_sw.html -or-	Software Installation Software CPP Examples Manuals/LUTs Firmware Upgrades App Notes	iMS4 Synt	hesizer SOMET	` >>	
nttps://isomet.com/imsz.ntml		▶ Home/Su	pport/Synths		
Depending on your computer, select and run one of the following: Isomet iMS SDK v 1.xx Win7 Setup.exe Isomet iMS SDK v 1.xx Win10 Setup.exe	2	Softward Lookup 1 Manuals,	ables /App notes	2	iMS2 Syn Channel 400 MHz

2. Manuals and App notes

Supporting documentation can be found by following the remaining links e.g. *App Notes* and *Manual/LUT*



Please begin by referring to your iMS model under *App Notes > iMS Fundamentals*

3. iMS4 Tools: Firmware Revision and Upgrade

3.1: Firmware Revision

To check SDK and IMS4 build revision. Using the Isomet Studio GUI, go to **Tool bar > Help >About**

3.2: Firmware Upgrade

Firmware upgrade options:

Model	Build Revision	Controller (c)	Synth (s)			
iMS4-L	rev A,B,C	No	No			
iMS4-P	rev B, C	Yes	No			
iMS4-P	Rev D	Yes	Yes			
iMS2-HF	rev A	Yes	No			

Procedure for updating the iMSx-P Firmware :

Step1: Ensure SDK version v1.8.0 (or later) is installed.

Step2: Download and Unzip the firmware update file into a known location. Navigate to this folder with Windows Explorer.

Find the *update_me.bat* Find the new firmware: *.mcs file. (see 3.3)

- 'Drag and drop' the ***.mcs** file and place on top of the **'upgrade_me.bat'** script. Follow the instructions.

Step3: Depending on the firmware upgrade required: Select (c) for controller Select (s) for synthesizer

Step4: When complete, turn off, pause and then turn on the DC power to the iMS.

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Organize 👻 📑 Open	Print New folder			• 🖬 🛛	Organize 👻 📄 Open	New folder				iii • 🗂	0
🔆 Favorites	Name	Date modified	Туре	Size	☆ Favorites	Name	· ·	Date modified	Туре	Size	
E Desktop	ims_fw_upgrade.exe	04/06/2020 22:56	Application	2,249 KB	Desktop	Q0910A-020	010062.mcs	04/06/2020 16:40	MCS File	22,531 KB	
Downloads	🚳 upgrade_me.bat	04/06/2020 16:42	Windows Batch File	1 KB	Downloads	/					
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*As of 2023-04-14, the latest controller upgrade file isv2_3_85_upgrade.mcs







3.3: Firmware Location

The controller firmware version current at the release date of the SDK is included as part of the SDK installation. Example: SDK v1.8.9

Find the controller firmware image at: C:\Program Files\Isomet\iMS_SDK\v1.8.9\data\fw\44332\Q0910A-02010085.mcs

and as described above, drag / drop it onto the upgrade script at:

C:\Program Files\Isomet\iMS_SDK\v1.8.9\utils\ims_fw_upgrade\upgrade_me.bat

Notes:

- The firmware update procedure can take 5 minutes or more to download and update.
- Should the procedure time-out it will be necessary to re-try.
- Cycle the DC power to the between update attempts.
- Update can be made through either a USB or GbE connection.
- If the update fails, the iMS4 will default back to the factory installed firmware revision.