Preparing your Arduino Mega or ProMicro for use with KAP140 LCD

Download Mobiflight from mobiflight.com Download the KAP140 mobiflight software/firmware from <u>https://www.propwashsim.com/downloads</u>

The zipped file "propwashsim.zip" must be extracted (unzipped) and put in the Mobiflight community folder.

This folder can be found here:

C:\Users\"your username here"\AppData\Local\MobiFlight\MobiFlight Connector\Community

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	Name	Date modified	Туре	Siz
	CoreFlightTech	1/16/2024 1:07 PM	File folder	
*	kavSimulations	1/16/2024 1:07 PM	File folder	
*	miniCOCKPIT	1/16/2024 1:07 PM	File folder	
*	MobiFlight	1/16/2024 1:07 PM	File folder	
*	PropWashSim	4/19/2024 7:46 PM	File folder	

Start Mobiflight after you have added PropWashSim folder. If it is already running, shut it down and restart it.

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Step 1: Right Click the Arduino

Follow through Update Firmware/Community/PropWashSim KAP140



After Selecting "PropWashSim KAP140, it will update the firmware. Allow this to finish.

After the firmware updates:

Step 2: Highlight the PropWashSim KAP140Step 3: Click "Add device"Step 4: Select "Custom Devices" and "PropWashSim KAP140"

MF Settings		_		×	
General MobiFlight Modules Peripherals Arcaze Modules					
Configure connected MobiFlight Boards. You can save and load con modules.	igurations and upload	d them to	your		Flight Sim
Configured modules					value
PropWashSim KAP140					
PropWashS	PropWashSim KAP140				
Highlight by mouse click (may Information					
already be highlighted) Firmware	0.0.1				
Port	COM43				
LED / Output	CN 000 400				
122 LED 7-Segme	nt 4	40 Micro			
() Servo	4	40			
Stepper	I				
Rbc LCD Display	L				
>> Shift Register	ľ				
(b) Button				1	
🕄 Encoder	I				
 Analog Input 	L			- 1	
Click "Add device/Custo Glick "Add device/Custo	gister m Devices/Prop Multinlever	Si WashS	upport im KAP	140"	
😚 Custom Devi	ces 🕨	Pro	pWashS	im KAP	140
🗄 💩 Upload config 🛛 🔚 Save 🚺 Open 🛛 🎭 Add device 👻 🗋	Remove device	Update	firmwar	2	
- Additional Settings			-		

Step 5: Select "Upload config" Click OK to update

MF Settings	_		×
General MobiFlight Modules Peripherals Arcaze Modules			
General MobiFlight Modules Peripherals Arcaze Modules Configure connected MobiFlight Boards. You can save and load configurations and up modules. Configured modules Configured modules PropWashSim KAP140 Pin settings Image: PropWashSim KAP140 Image: PropWashSim KAP140 Name PropWashSim KAP140 PropWashSim KAP140 Image: PropWashSim KAP140	load them to	o your	
Select "Upload config"			
🚯 Upload config 🚯 Save 🧂 Open 🎭 Add device 👻 🏫 Remove device	e Update	e firmwar	e
Additional octaings			

Step 6: Click "Update firmware"

You can now close the MF Settings screen and begin working with your Mobiflight Output configs.

We have included a file (kap140.mcc). You can open and run this file. We have created this file to run with MSFS for you to see the output. Works best with the basic Cessna 172 included.