

TPM VERNIER THROTTLE BOX SETUP INSTRUCTIONS FOR MICROSOFT FLIGHT SIMULATOR 2020

- 1. Connect the Type B USB cable to the USB port located at the back of the TPM Vernier Throttle Box.
- 2. Next, plug the other end of the cable into the USB port of your computer or a USB hub.



- 3. Wait for your computer to detect the Throttle Box device.
- 4. Configure the device.

Microsoft Flight Simulator 2020

To configure Desktop Pilot's TPM Vernier Throttle Box with MSFS2020, follow these steps:

- 1. Launch Microsoft Flight Simulator.
- 2. Navigate to Assistance Options and make sure they are set to 'True to Life'



OPTIONS ASS	ISTANCE OPTIONS			🎯 🤨 🚨 🔹 aeroworksftc22 🌉
15 10 L	(5)	Minister Minister	-	
> ASSISTAN	CE OPTIONS	;		
	TRUE TO LIFE			DESCRIPTION
SEARCH	< م	RESULTS FOUND: 49		ALL ASSISTS
✓ AIRCRAFT SYSTEMS		HARD		during flight by an Al co-pilot.
✓ FAILURE AND DAMAGE		HARD		MIDDLE-GROUND
✓ NAVIGATION AIDS		HARD	>	
✓ NOTIFICATION		HARD	>	For those comfortable with flight simulation and who want the most authentic experience.
✓ PILOTING		HARD	>	If you wish to customize your Assistance settings further, expand the sub-categories on the left to view and adjust individual options
✓ POINTS OF INTEREST		HARD	>	
✓ USER EXPERIENCE		HARD	>	
				TAKEUNI LANDNG BELECTOR
ESC GO BACK F12 RESET TO DEF	AULTS F11 APPLY AND SAVE			

3. Navigate to the "CONTROLS OPTIONS" menu.



- 4. Under Control Options, choose your device, which is "THROTTLE BOX".
- 5. Open the settings menu and select "Power Management". To locate "Power Management", you can either search for it in the "Search by Name" bar or change the "Filter" to "All" and find it in the list.



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	> CONTROLS OPTIONS							
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6. Once you're in "Power Management", click on the "Throttle Box" option. Scroll down and locate "Throttle Axis". To the right of it, select "Joystick L-Axis Z". Make sure to check the 'reverse axis' option to ensure proper functionality.

MOUSE	THROTTLE BOX
DEFAULT	THROTTLE BOX PROFILE
 POWER MANAGEMENT THROTTLE 	
THROTTLE AXIS	JOYSTICK L-AXIS Z
✓ REVERSE AXIS	
▲ MIXTURE	
MIXTURE AXIS (-100 TO 100%)	JOYSTICK L-AXIS X
REVERSE AXIS	
 PROPELLER 	
PROPELLER AXIS	JOYSTICK L-AXIS Y
✓ REVERSE AXIS	

7. Next, click on the "Mixture" option. Scroll down and locate "Mixture Axis (-100 to 100%)". To the right of it, select "Joystick L-Axis X". Make sure to check the 'reverse axis' option to ensure proper functionality.



8. Finally, click on the "Propeller" option. Scroll down and locate "Propeller Axis". To the right of it, select "Joystick L-Axis Y". Make sure to check the 'reverse axis' option to ensure proper functionality.

	OPTIONS	CONTROLS OPT	IONS		682
	> CONTRO		TIONS		
	KEYBOARD		MOUSE	THROTTLE BOX	
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	SENSITIVITY		TOGGLE FEATHER SWITCH 3		DE
	SEARCH		TOGGLE FEATHER SWITCH 2		
	SEARCH BY NAME	Q	TOGGLE FEATHER SWITCH 1		
	SEARCH BY INPUT	Q	TOGGLE AUTOFEATHER ARMING		
	Select an input		ROPELLER PITCH LO		
	FILTER		PROFELLER PITCH HI		
			PROPELLER AXIS	JOYSTICK L-AXIS Y	
1			Z REVERSE AXIS		
	EXPAND/COLLAPSE ALL		PROPELLEP 4 PITCH LO		
			PROPELLER 4 PITCH HI		
			PROPELLER 4 AXIS		
1			PROPELLER 3 PITCH LO		
			PROPELLER 3 PITCH HI		
	ESC GO BACK M OPEN PRES	SET MANAGER			

9. Lastly, check to see if the product is working correctly in MSFS by testing the throttle, mixture, and propeller controls.

Congratulations! You have successfully set up the TPM Vernier Throttle Box! Happy flying!

If you encounter any issues during setup, please feel free to contact our customer support team at sales@desktoppilot.com for further assistance.

