

MONOPOLY

Analog 4-Voice Polyphonic Synthesizer with 37 Full-Size Keys, 4 VCOs, VCF, 2 LFOs, 2 Envelopes, Sync and Cross Modulation and Arpeggiator



Service Support Bulletin

History

Date	Version	Note
2021-03-03	Rev0	Initial version

Requirement

This calibration function is only available on 1.0.5 or later version firmware.

How to start calibration

STEP 1 Power off MONOPOLY first.

STEP 2 Long press and hold button HOLD and POLY simultaneously.



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STEP 3 Cycle power on MONOPOLY.

STEP 4 Wait approximately 2 seconds until power LED blinking slowly.

STEP 5 Release all buttons.

Sub Calibration Menu

There are 3 sub calibration menus. Press the corresponding button to enter the sub menu.

Menu (Channel)	Buttons	Function	Button LEDs	VCO LEDs
1	MONO UNISON	PITCH WHEEL MAX/MIN	indicates PITCH WHEEL position	VCO1 LED on
2	POLY UNISON	PITCH WHEEL dead zone	indicates PITCH WHEEL dead zone	VCO2 LED on
3	POLYPOLY	MOD WHEEL MAX/MIN	indicates MOD WHEEL position	VCO3 LED on

Tip:
You can only calibrate one channel at a time. Ignore the other channels if you don't want to change them.

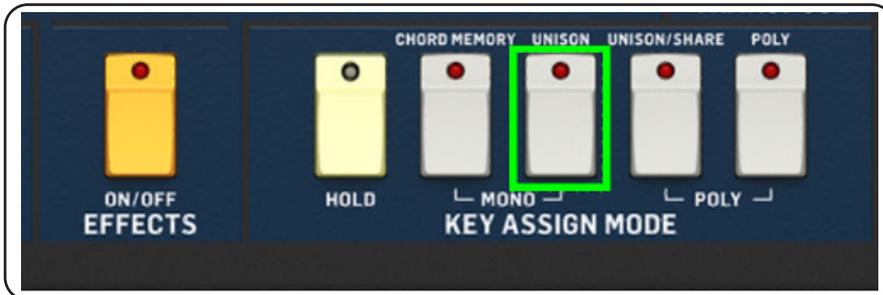


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Calibration Procedure

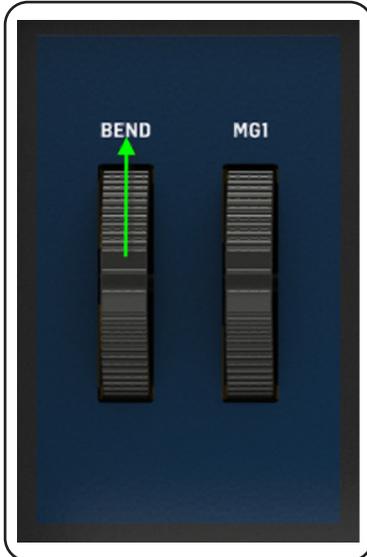
 Follow all steps in the order they are presented.

STEP 1 **Start BEND WHEEL Calibration**
Press button MONO UNISON, then VCO1 LED will illuminate.



Calibrate BEND WHEEL maximum position

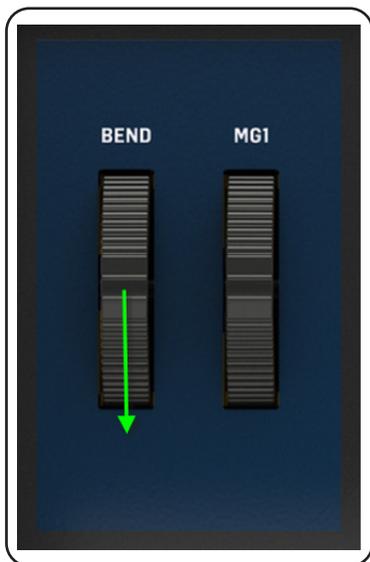
Move the BEND WHEEL to its maximum position.



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Calibrate BEND WHEEL minimum position

Move the BEND WHEEL to its minimum position.



STEP 2

Start BEND WHEEL dead zone calibration

This step is to ensure that no bend information is sent while bend wheel is not being touched.

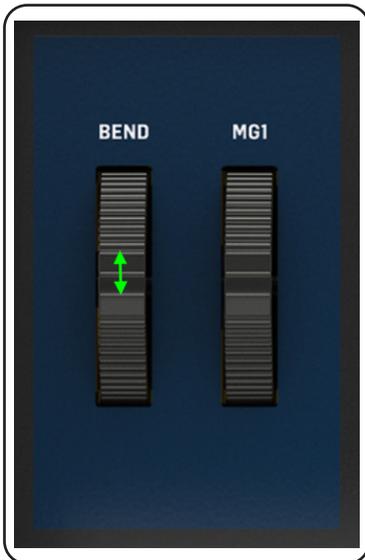
1. Make sure the BEND WHEEL is released and returned to its center position before further operation.
2. Press button POLY UNISON, then VCO2 LED will light up.



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Calibrate BEND WHEEL dead zone

Move the BEND WHEEL within the dead zone where you don't feel the tension of the spring.



STEP 3

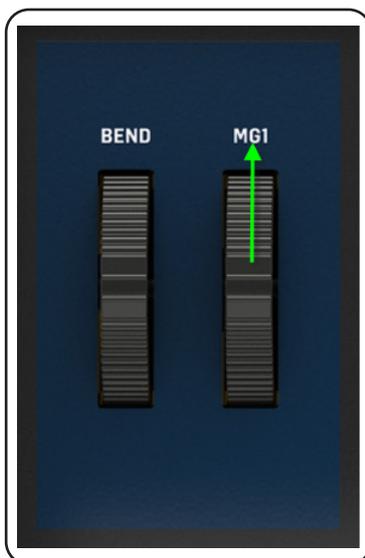
Start MG1 WHEEL Calibration

Press button POLY POLY, then VCO3 LED will illuminate.



Calibrate MG1 WHEEL maximum position

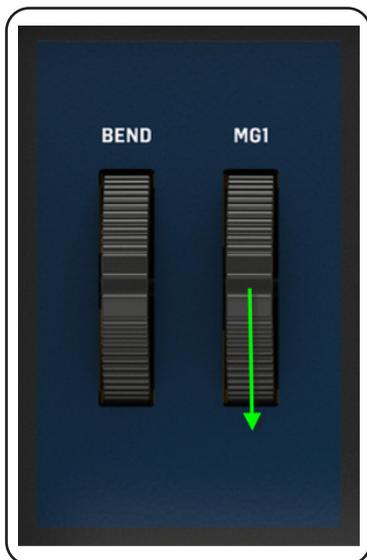
Move the MG1 WHEEL to its maximum position.



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Calibrate MG1 WHEEL minimum position

Move the MG1 WHEEL to its minimum position.



STEP
4

Complete calibration

Short press **HOLD + EFFECTS** will confirm and save all calibration result. If successful, all BUTTON LEDs will blink at the same time for a while. Otherwise, it may be a failed calibration.

NOTE: Press **HOLD + MONO CHORD** will cancel all calibration and return back to normal mode.



End of Procedure