

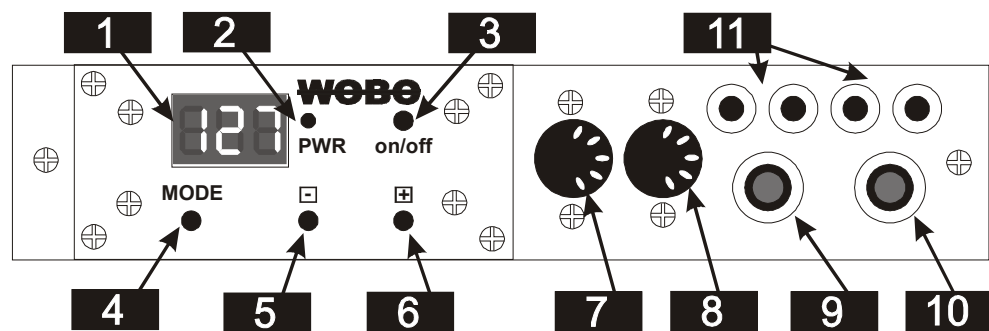
WOBBO

GUITAR ELECTRONICS

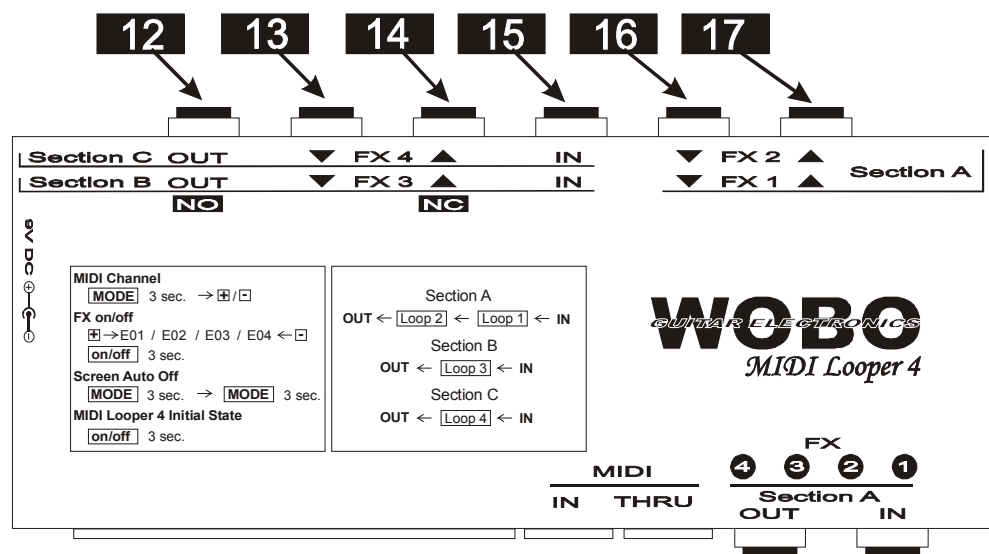
<http://www.woboge.com/>

MIDI Looper 4 - Programming Manual

Front panel:



Rear panel (top view):



Front panel:

- 1 3-digit LED display
- 2 Power LED status indicator
- 3 ON/OFF button for programming the state of loops
- 4 MODE button
- 5 “-” button
- 6 “+” button
- 7 MIDI IN
- 8 MIDI Thru
- 9 Out A socket (output of section A)
- 10 In A socket (input of section A)
- 11 Loops' state LED status indicators (on/off)

Rear Side, Upper Row:

- 12 Out B socket (output of section B)
- 13 Loop 3 return socket
- 14 Loop 3 send socket
- 15 In B socket (input of section B)
- 16 Loop 1 return socket
- 17 Loop 1 send socket

Rear Side, Lower Row:

- 12 Out C socket (output of section C)
- 13 Loop 4 return socket
- 14 Loop 4 send socket
- 15 In C socket (input of section C)
- 16 Loop 2 return socket
- 17 Loop 2 send socket

Possible work modes

Channel setting mode – appears immediately after power-up. It is possible to set the work mode (on/off) of the numerical LED display and to set the MIDI Channel (1-16) on which the unit receives the MIDI Program Change (**PC**) messages.

Standby mode – the unit waits for a **PC** message on a selected MIDI Channel and executes the pre-programmed actions. It is possible to program the initial state of the loops 1-4 and the state of every loop (closed or open) for a particular **PC** message.

Programming mode – the unit receives a **PC** message and executes the pre-programmed actions. It is possible to choose and save the state of every FX loop for any received **PC** message.

Memory testing mode

This mode is activated when the on-board memory chip does not work properly and it allows you to test and repair the unit.

Channel setting mode

On power-up the unit remains in the Channel setting mode for 3 seconds and the LED display shows the active MIDI Channel (e.g., **|C05|**). Use - or + button to choose the desired MIDI Channel from 1-16. The new setting is automatically saved when the unit is switched to Standby mode after 3 seconds. Press and hold the **MODE** button for 3 seconds to recall the Channel setting mode at anytime.

To choose the LED display work mode press and hold the **MODE** button for 3 seconds, release and press it again for 3 seconds and then using the **on/off** button, choose **|On|** or **|OFF|**. In the **|On|** mode the LED display is always on, in the **|OFF|** mode the LED display is automatically switched off after a few seconds to minimize power consumption and eliminate any negative interference with the audio signal. The display can be recalled at any time by pressing any button.

Standby mode

After first time power-up, the loops are in their initial state. The display shows **|---**, which means that the device has not received any **PC** message. As long as the LED display shows **|---**, it is possible to program the initial states of the FX loops. Use - or + button to choose the FX loop you want to program (e.g. **|E01|**, **|E02|**, etc.) and then hold the **on** or **off** button for 3 seconds to program the loop to open or close respectively. When the LED display shows **|rSt|**, you can go to the initial state programming mode by pressing and holding the **on/off** button for 3 seconds. You may return from Standby mode to Channel setting mode by pressing **MODE** button for 3 seconds.

Programming mode

When MIDI Looper 4 receives a **PC** message, its number is shown on the display (e.g. **|016|**) and the loops achieve their pre-programmed state. To change the state of the loops activated by a given **PC** message, use - and + button to choose the FX loop you want to program (e.g. **|E01|**, **|E02|**, etc.) and then hold the **on/off** button for 3 seconds to program the loop to be open or closed when receiving a **PC** message.

When the **PC** message is received and the pre-programmed preset of the FX loops is activated, it is possible to change the individual loop state by MIDI Control Change message. This device is programmed to receive the following MIDI messages.

Effect loop		MIDI Control Change message	
No.	State	First data byte	Second data byte
1	open	71	0
	closed		127
2	open	72	0
	closed		127
3	open	73	0
	closed		127
4	open	74	0
	closed		127

Memory testing mode

If **|Er1|**, **|Er2|**, etc., appears on the display, there is a problem with the on-board EEPROM memory. Press the **MODE** button for 3 seconds to test the memory chip. If the display still shows the error message, please contact the manufacturer to solve the problem.

WOBO Guitar Electronics S.C.
os. Mozarta 13/8
31-232 Krakow
Poland
info@woboge.com
distribution@woboge.com
<http://www.woboge.com/>
<http://www.true-bypass-looper.com/>