

ASX-8

Programmable Audio Switcher

User Manual

Version 1.0
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Max Control

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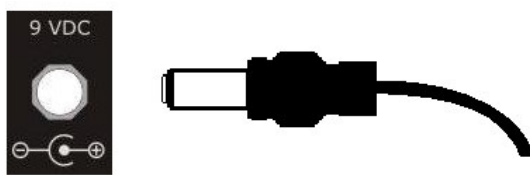
Congratulations! You've just bought the MIDI audio switcher Max Control ASX-8. This switcher is built with high quality parts in order to bring you the best performance.

Description

Max Control ASX-8 is a programmable MIDI audio switcher with 8 relay-operated true bypass audio loops, an A/B output selector, LCD display, and an intuitive user interface.

Operation

To start using the switcher, connect a standard 9V DC power supply to the **Pwr In** input jack:



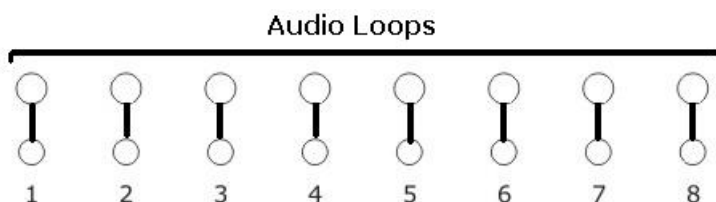
MIDI IN jack is a 7-pin jack, it allows providing phantom power to the foot controller. When using phantom power, if you need to supply a different voltage to the controller you can plug a dedicated power supply in the **Phantom** jack.

Then connect the audio loops. Connect the **SEND** output to the effect's input, and the effect's output to the **RETURN** input. The audio loops are linked internally in series.

The signal enters the switcher by **IN** jack, and outs by **OUT A** or **B** jack. A/B selector is controllable by control change 88. To select **OUT A** use value = 0, to select **OUT B** use value = 127.

The control panel has two sections: **audio loops** and **navigation/setup**.

The **audio loops section** has 8 buttons and status LEDs. Press the buttons to turn the loops on/off:



To store the changes in the currently selected display (which is shown in the display) press **Ok/Next**.

The **navigation/setup section** has 4 buttons and a LCD display. Use **Up** and **Down** buttons to scroll through presets or change the parameter value shown on the display.

To modify a configuration parameter press **Ok/Next** to select the parameter. Then change the parameter value using **Up** and **Down** buttons. Finally, press **Ok/Next** to store or **Cancel** to discard the changes.

To control the ASX-8, any standard MIDI foot controller can be used. There are 1024 presets organized in 8 banks of 128. Use control change 0 with values from 0 to 7 to select bank, then program change to recall a preset.

The audio loops also responds to control change messages. Use control change numbers from 80 to 87 to control the loops, and control change 88 to control the A/B selector. A value of 0 turns off the loop, and 127 turns on it. Regarding the A/B selector, a value of 0 activates A output, and a value of 127 activates B output.

Product Care

Try to avoid cleaning the device with solvent or abrasive products. Keep the device dry and away from dust. Don't connect power loads like lamps or loudspeakers to the audio loop. Keep ventilated.

Specifications

- Fully programmable.
- 8 relays-operated true bypass audio loops.
- A/B output selector
- Responds to control change and program change MIDI messages.
- 8 loop status LEDs.
- MIDI IN and OUT/THRU connectors.
- 1024 user presets.
- 19' 1U metallic chassis.
- 8 buttons for loops activation and 4 buttons for programming.
- LCD display.
- Works with any DC power supply of any polarity and voltage between 9V and 12V.

All specifications subject to change without notice.

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Default	x	1	
Channel Changed	x	1 - 16	
Note Number	x	x	
Control Change 0-127	x	0	
Prog Change 0- 127		0	
System Exclusive	0	0	
Notes	0 = Yes x = Not implemented		

Warranty

Coverage:

1. This product has a warranty against failures due to defective parts or faulty workmanship for a period of one year after delivery to the original owner. During this one year period Max Control will make any necessary repairs without charge for parts and labor. However, shipping charges to and from the repair location must be paid by the owner.

This is only applicable for the original owner of the product.

This warranty does not cover damage to the product as a result from accident or misuse.

This warranty will be canceled at the sole discretion of Max Control if the product has:

- (1) Any signs of tampering, unauthorized service, or modifications.
- (2) Any damage resulting from physical abuse or failure to follow the operating instructions.

Max Control's liability to the owner and under this warranty is limited only to the repair or replacement of the defective product.

Call or write to Max Control prior to shipping the product for repair.

Max Control reserves the right to make any changes and/or improvements to the design of this product without any obligation to include those changes in any previously manufactured units.

Contact

For assistance or technical service fill the contact form at <http://maxcontrol.com> and you will be contacted shortly.