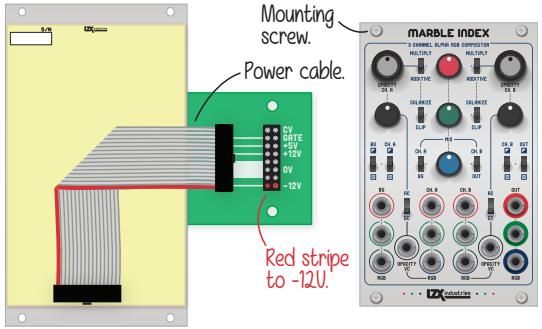
BEFORE YOU BEGIN

Take a moment to familiarize yourself with our website lzxindustries.net. You'll find documentation, instructional videos, links to community forums, and other user resources. Register your product's serial number with us to aid any future technical support requests. Some synthesists will find everything they need to learn this module in this reference card, but don't forget there are videos and patch tips online. If you get stuck, have questions, or need help of any kind -- please write to us.

INSTALLATION

Power down the EuroRack case and unplug it from the wall. Connect the provided EuroRack power cable to your module and then to your EuroRack power bus board as shown. Mount the module in your case using the mounting screws provided by your case's manufacturer.



MARBLE INDEX SPECIFICATIONS

FORMAT	3U EuroRack Synth Module
WIDTH	16HP
DEPTH	36mm
MAX POWER DRAW	
+12V	200mA
-12V	200mA
+5V	N/A
OUTPUT LEVELS	0-1V
VC CONTROL RANGE	0-1V
MAX INPUT VOLTAGE	+/-12V
INPUT TERMINATION	100K ohms
OUTPUT RESISTANCE	499 ohms

ONE YEAR LZX industries WARRANTY

MADE IN PORTLAND, OR USA

TIPS & TECHNIQUES

- If you patch a monochrome signal into any of the Red input jacks, the signal will be cascaded automatically to the Green and Blue inputs, allowing for black and white input with a single patch cable.
- Solarize mode works great in concert with the RGB offset knobs. Subtract from the input signal on a channel with Solarize on in order to adjust the solarization offset point.

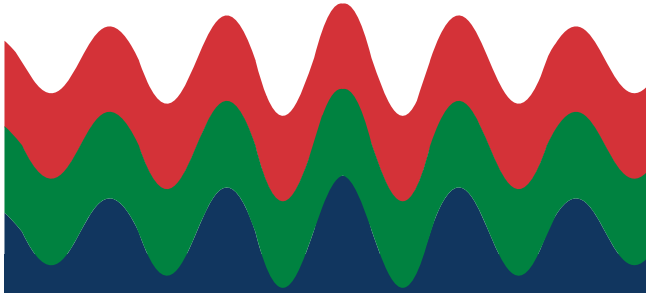
YOUR NEXT MODULE?

Marble Index may be a compositing, mixing, and blending power house, but it relies on other modules to feed it colorized RGB images to complete the picture. Mapper is an incredibly versatile colorizer and processor that makes a great frontend to one of Marble Index's input channels.

LZX-MI-URC
Written by Lars Larsen
Illustrated by Dave Larsen
First Printing, Nov 2017

MARBLE INDEX

USER REFERENCE CARD



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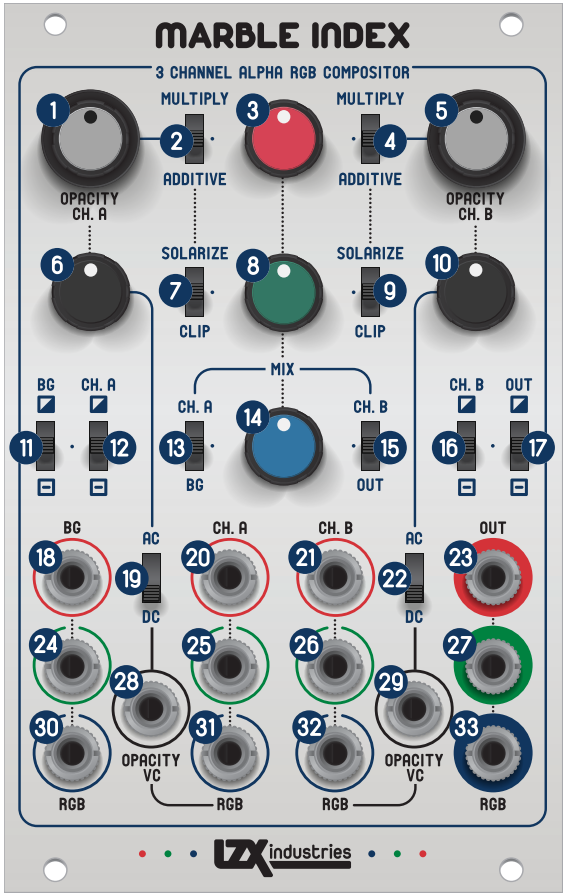

CONTROLS & CONNECTIONS

	BACKGROUND	
11	Mode	NEG. OFF INVERT
18	Red In	0–1V DC
24	Green In	0–1V DC
30	Blue In	0–1V DC

	CHANNEL A	
1	Opacity	+/–1V
2	Mode	MULT. OFF ADD.
7	Mode	SOL. OFF CLIP
12	Mode	NEG. OFF INVERT
20	Red In	0–1V DC
25	Green In	0–1V DC
31	Blue In	0–1V DC
6	VC level	+/–
19	Mode	AC DC
28	Input	0–1V DC

	OUTPUT	
17	Mode	NEG. OFF INVERT
23	Red out	1V DC
27	Green out	1V DC
33	Blue out	1V DC

	CHANNEL B	
4	Mode	MULT. OFF ADD.
5	Opacity	+/–1V
9	Mode	AC DC
16	Mode	NEG. OFF INVERT
21	Red In	0–1V DC
26	Green In	0–1V DC
32	Blue In	0–1V DC
10	VC level	+/–
22	Mode	AC DC
29	Input	0–1V DC

	OFFSET	
3	Red level	+/–
8	Green level	+/–
14	Blue level	+/–
13	Mode	CH. A OFF BG
15	Mode	CH. B OFF OUT

SIGNAL PATH BLOCK DIAGRAM