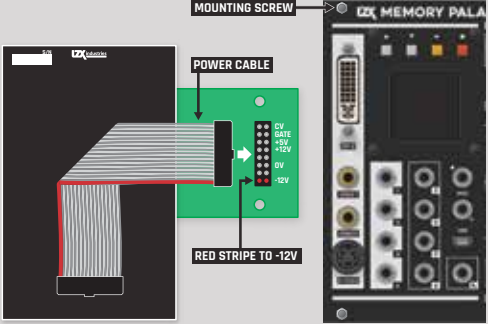## INSTALLATION

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.

MOUNTING SCREW
POWER CABLE
RED STRIPE TO -12V
LZX MEMORY PALA

CONNECTING VIDEO SYNC

If your system contains Visual Cortex or another LZX compatible video sync generator module, we recommend that Memory Palace is synchronized to this source. Connect Sync Out from your sync generator (or daisy chained module) to one of Memory Palace's Sync In/Thru jacks using an RCA cable. Set rear sync mode switch to EXTERNAL.

Memory Palace can also act as a master sync generator if your system does not contain one, via its Sync Out jack. Set rear sync mode switch to INTERNAL.

Mount the module in your case using the mounting screws provided by your case's manufacturer.

MEMORY PALACE SPECIFICATIONS

WIDTH	52HP	**-12V**	40mA MAX
DEPTH	40MM	**+5V**	N/A
+12V	500mA* MAX	**VIDEO SYNC IN/THRU/OUT**	

USING AUX +12V POWER* (OPTIONAL)

If your EuroRack case's power supply cannot support 500mA on its +12V rail, an external 12V DC 1A Wall Wart Power Adapter can be used to augment (not replace) your EuroRack power supply. In this configuration, patch the external supply into the module's 2.1mm DC jack, accessible from the rear, with your case powered off. The +12V EuroRack power draw will now be 40mA MAX (matched with the negative rail.)

THANKS

We wish to thank our beta tester trifecta Bill Wiatroski, Jonas Bers and Johnny Woods, starlight from the Orion nebula, and the community of artists and explorers who supported our development cycle through your preorders.

ONE YEAR WARRANTY
LZX industries
Made in Portland, OR USA

USING THE MENU DISPLAY

Memory Palace's menu display can access settings and options for many components of the instrument. It is organized into pages, with each page containing one or more options. Each option has a range of selectable values.

- ■ Next Page
- ▲ Select Previous Option
- ▼ Select Next Option
- ☐ Change Selected Option's Value

UPDATING THE FIRMWARE

Firmware may be updated via the frontpanel USB jack and the included Mini USB B to USB A cable. Download the firmware and follow the instructions accessible at: https://www.lzxindustries.net/memorypalace
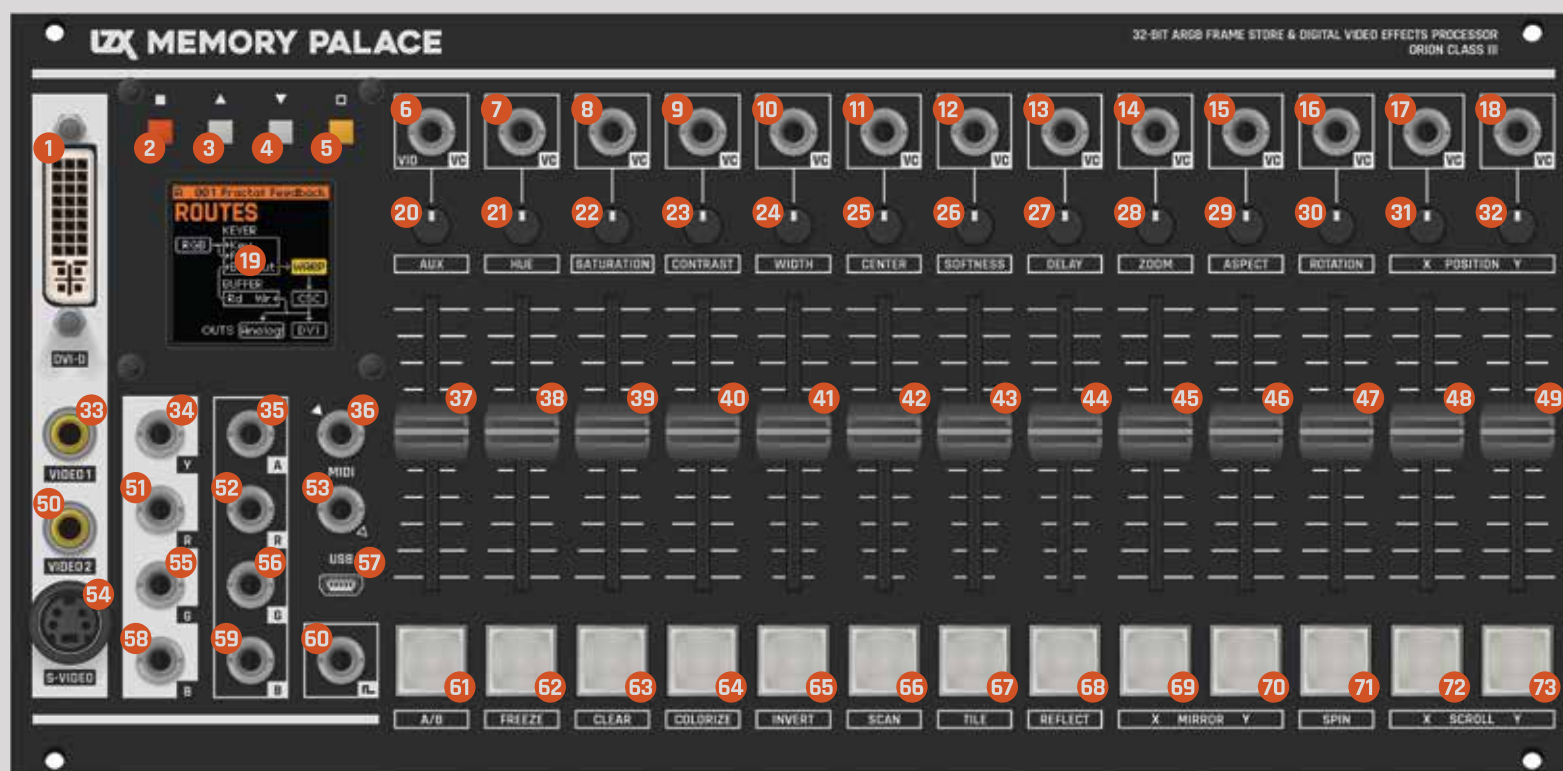
MICRO SD CARD STORAGE

Memory Palace has an aux memory connector for MicroSD card to augment the 4GB internal memory. The MicroSD connector is a hinged type, which must be pushed back and lifted to place the card inside.

DVI TO HDMI ADAPTER

Using the included DVI to HDMI adapter dongle, Memory Palace may be connected to an HDMI display or recording device. Please note that many video formats may be passed over a DVI/HDMI signal and that some devices may not be compatible with Memory Palace.

MEMORY PALACE
USER REFERENCE

LZX MEMORY PALACE — 32-BIT ARGB FRAME STORE & DIGITAL VIDEO EFFECTS PROCESSOR — ORION CLASS III

#	Label	#	Label	#	Label	#	Label	#	Label
1	DVI-D VIDEO OUT	16	ROTATION VC IN	31	X POSITION VC LEVEL	46	ASPECT SLIDER	61	A/B BUTTON
2	NEXT PAGE BUTTON	17	X POSITION VC IN	32	Y POSITION VC LEVEL	47	ROTATION SLIDER	62	FREEZE BUTTON
3	PREV OPTION BUTTON	18	Y POSITION VC IN	33	CVBS VIDEO OUT 1	48	X POSITION SLIDER	63	CLEAR BUTTON
4	NEXT OPTION BUTTON	19	MENU DISPLAY	34	LUMA OUT	49	Y POSITION SLIDER	64	COLORIZE BUTTON
5	NEXT VALUE BUTTON	20	AUX VC LEVEL	35	ALPHA IN	50	CVBS VIDEO OUT 2	65	INVERT BUTTON
6	AUX VC IN	21	HUE VC LEVEL	36	MIDI IN	51	RED OUT	66	SCAN BUTTON
7	HUE VC IN	22	SATURATION VC LEVEL	37	AUX SLIDER	52	RED IN	67	TILE BUTTON
8	SATURATION VC IN	23	CONTRAST VC LEVEL	38	HUE SLIDER	53	MIDI THRU	68	REFLECT BUTTON
9	CONTRAST VC IN	24	WIDTH VC LEVEL	39	SATURATION SLIDER	54	S-VIDEO OUT	69	X MIRROR BUTTON
10	WIDTH VC IN	25	CENTER VC LEVEL	40	CONTRAST SLIDER	55	GREEN IN	70	Y MIRROR BUTTON
11	CENTER VC IN	26	SOFTNESS VC LEVEL	41	WIDTH SLIDER	56	GREEN OUT	71	SPIN BUTTON
12	SOFTNESS VC IN	27	DELAY VC LEVEL	42	CENTER SLIDER	57	USB PORT	72	X SCROLL BUTTON
13	DELAY VC IN	28	ZOOM VC LEVEL	43	SOFTNESS SLIDER	58	BLUE IN	73	Y SCROLL BUTTON
14	ZOOM VC IN	29	ASPECT VC LEVEL	44	DELAY SLIDER	59	BLUE OUT		
15	ASPECT VC IN	30	ROTATION VC LEVEL	45	ZOOM SLIDER	60	TRIGGER/GATE IN		