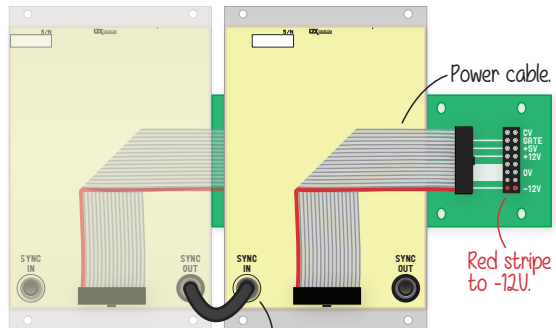


INSTALLATION

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. Use an RCA cable to connect video sync from your system's video synchronization source to the sync input jack as shown.*

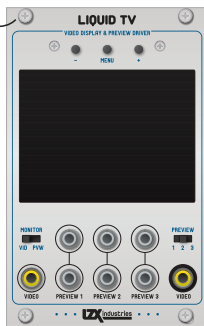


RCA cable connects sync output from system's video sync generator (or daisy chained module) to sync input on rear of module.

Mounting screw.

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

*Liquid TV can also operate in a standalone configuration with no video synchronization source. To enable this mode, switch the Sync source switch on the rear of the module to Video In. A video source patched in via the frontpanel will be required to use the preview driver inputs.



LIQUID TV SPECIFICATIONS

FORMAT	
3U EuroRack Synth Module	
WIDTH	DEPTH
16HP	32mm
MAX POWER DRAW	
+12V	210mA
-12V	30mA
+5V	N/A
PREVIEW INPUT RANGE	
0-1V	
INPUT TERMINATION	
100K ohms	
MAX INPUT VOLTAGE	
+/-12V	
VIDEO/SYNC LEVELS	
2Vpp	
VIDEO/SYNC IMPEDANCE	
75 ohms	



MADE IN PORTLAND, OR USA

DON'T FORGET

Take a moment to familiarize yourself with our website lxindustries.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, tuck, have questions, or need help of any kind -- please write to us.

YOUR NEXT MODULE?

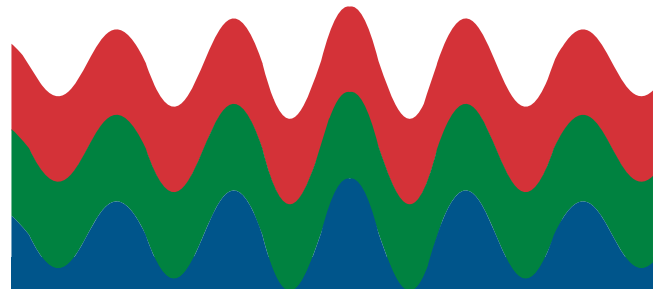


Being able to visualize multiple components of your video synth's signal path at once is incredibly useful as your system grows and your patches become more complex. Plus, it looks cool!

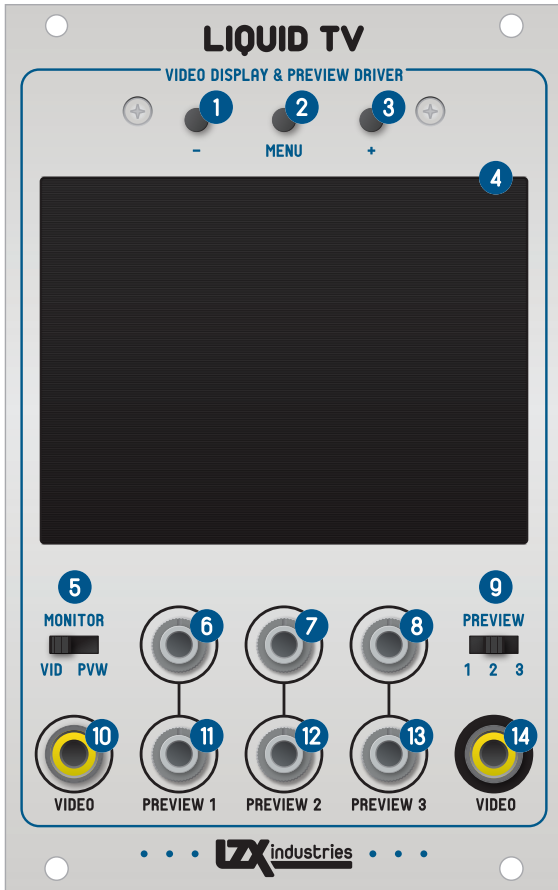
LZX-TV-URC

Written & Illustrated by Lars Larsen
First Printing, Mar 2017
©2017 LZX Industries LLC

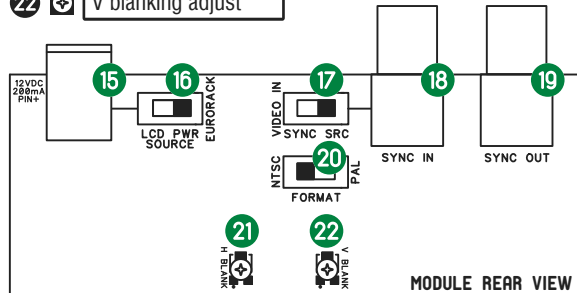
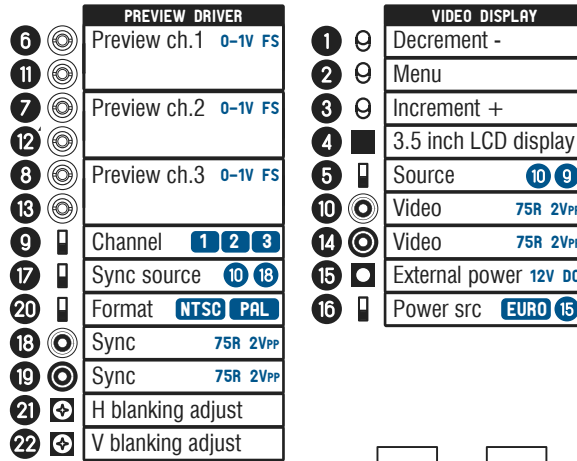
LIQUID TV USER REFERENCE CARD



LZX industries



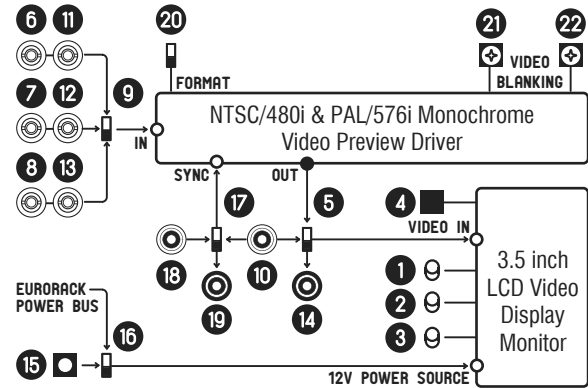
CONTROLS & CONNECTIONS



CALIBRATION

The video blanking generator is factory calibrated. If adjustment is required, adjust H blanking and V blanking trimmers to eliminate any black periods on the top and bottom of the display.

SIGNAL PATH BLOCK DIAGRAM



MONITORING VIDEO & PREVIEW SOURCES

Patch a video signal to the video input, and set the monitor source switch to VID. You will see your video on the display. Next, switch the source switch to PVW, and the Preview switch to channel 1. Patch any signal into channel 1 input to visualize.

USING EXTERNAL 12V DC POWER SOURCE

Liquid TV's video display can optionally be powered with an external 12V DC power supply, such as DC wall warts used by CCTV cameras. Doing so decreases the module's power draw on your EuroRack power supply's 12V power rail. To enable external power, connect your 12V DC source to the external power input jack and set the power source switch's position to the left side.

EXTERNAL POWER REQUIREMENTS		EURORACK REDUCED POWER DRAW	
12V DC, minimum 200mA 2.1mm Plug, Center Positive		+12V	30mA