

Real time video synthesis products at the
forefront of open source hardware.

Low latency

Video input

Audio synchro.

DMX512 interaction

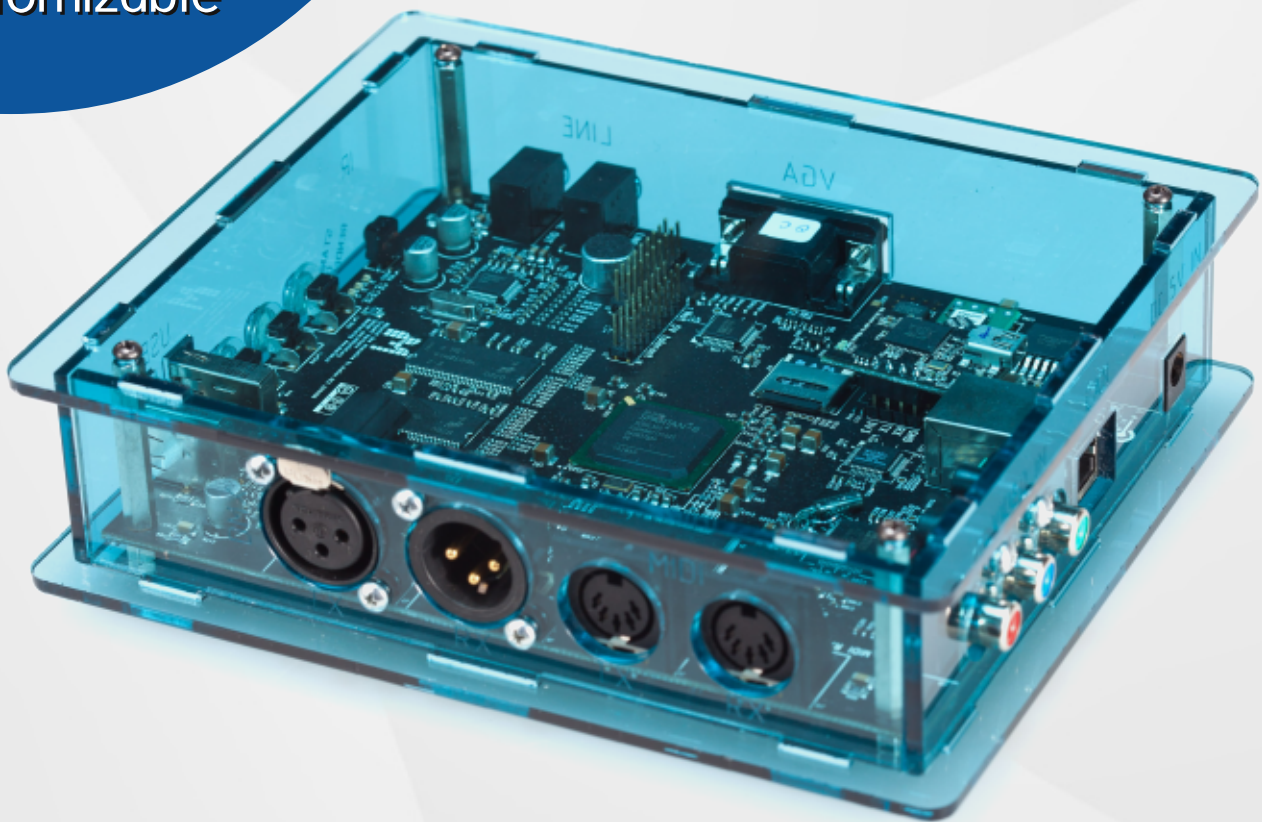
MIDI interaction

Generative effects

Customizable

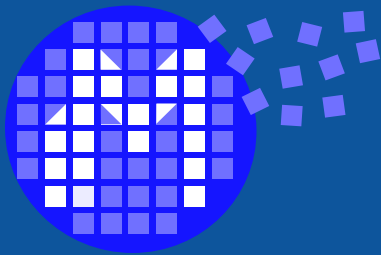
Milkymist One

live video synthesizer



**A powerful tool to create interactive
and psychedelic visual effects.**

VJ's, MUSIC BANDS, CLUBS, EVENTS, ART INSTALLATIONS, ETC.



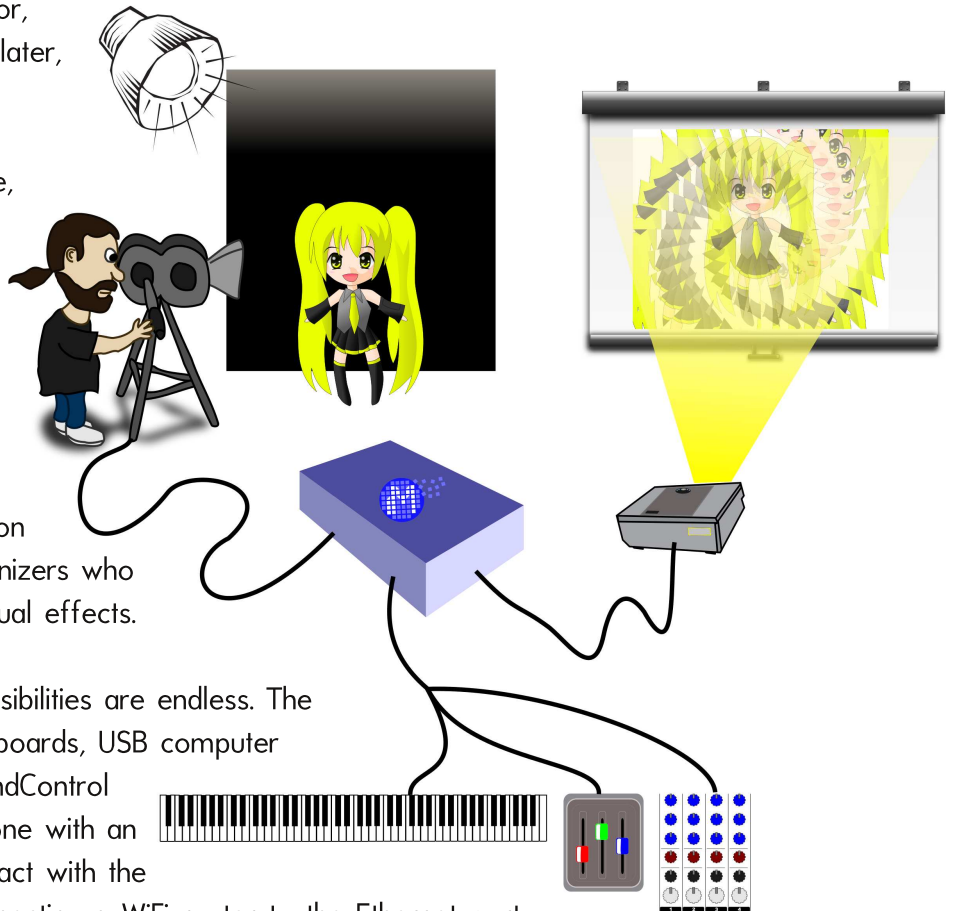
Dance-directed visuals

It's easy to create an entertaining video installation with the Milkymist One.

Connect a camera and a videoprojector, press the power button, and seconds later, everything you film becomes live psychedelic effects of color and light. Point the camera at a dancer on stage, at people attending your party, at toys, use UV-glow paint... there are no limits to creativity!

If no camera setup is available, the Milkymist One can produce purely generative effects which react to the ambient sound, making it an ideal option for music bands, clubs and party organizers who want a turnkey solution for simple visual effects.

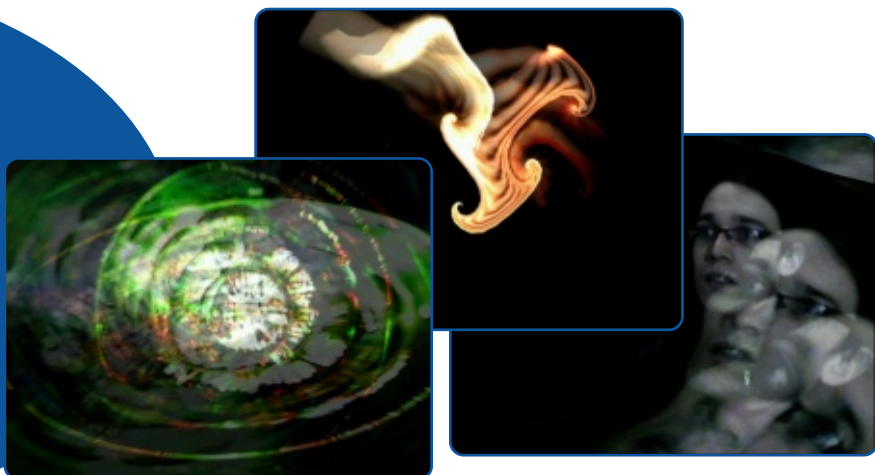
To control the Milkymist One, the possibilities are endless. The device supports inputs from MIDI keyboards, USB computer keyboards, DMX desks and OpenSoundControl (OSC) clients. You can use a smartphone with an application such as TouchOSC to interact with the visual performance wirelessly, by connecting a WiFi router to the Ethernet port. You can even tap into the immense diversity of the sensor interfaces which have been developed for the Arduino board, and use the Arduino to control the Milkymist One over MIDI.



VJ's will appreciate the possibility to design new visual effects using the Flickernoise Patching (FNP) language, which allows you to create unique and personal shows without requiring extensive experience with computer programming. And if you do program computers, you will certainly like the fact that the complete Milkymist One design is open source.

The small box that has it all!

Dimensions: 172 x 145 x 45 mm
Weight: 465 grams
Power: 5 watts

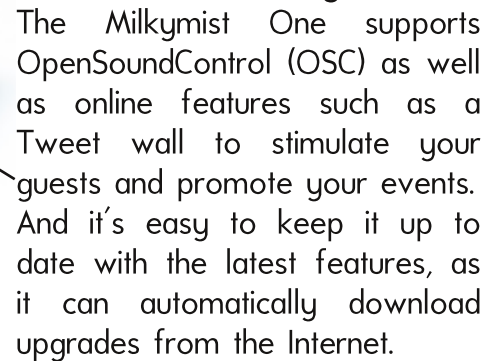




Program a light ambiance in harmony with the visual effects.

Communicate with MIDI controllers and keyboards, or even Arduino boards.

The video input accepts analogue video sources in CVBS (composite), S-Video and RGB (component) formats for the Milkymist One to synthesize them live through cutting edge and programmable effects. And it does so with very low latency, so what you project stays synchronized with the music.



Very low latency

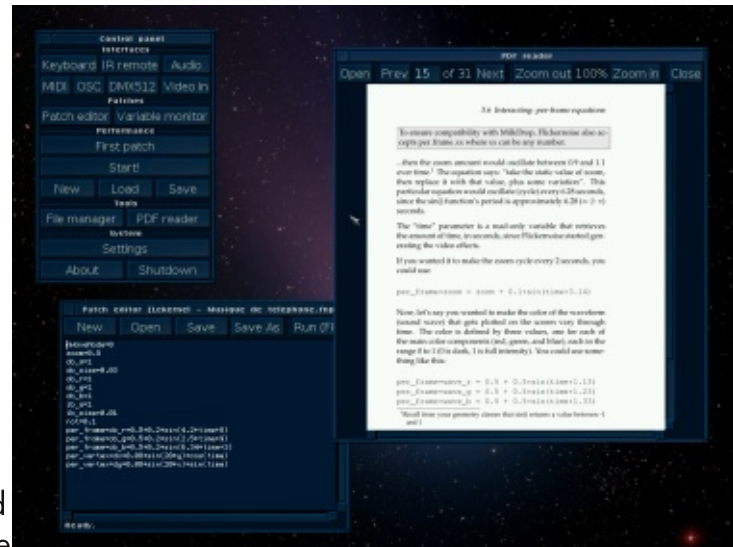
USB ports for mouse and keyboard
Create effects on the Milkymist One
directly, no computer needed!

Like a computer, the configuration interface uses a windowed system with mouse and keyboard interaction. From there, you can define what visual effects are selected when in

High resolution
VGA output

Audio line input and integrated microphone
Synchronize easily with music!

Remote control

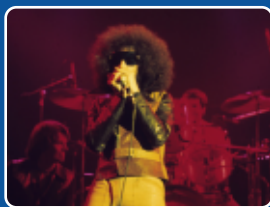


Enhancing all live performances!



Flickr: eertmans - CC-BY-ND

VJ's



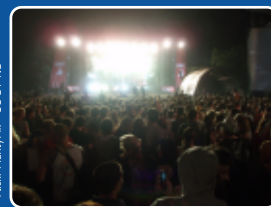
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Music bands



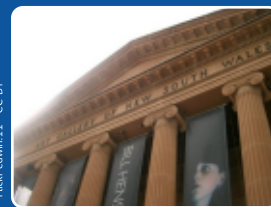
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Clubs & bars



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Festivals



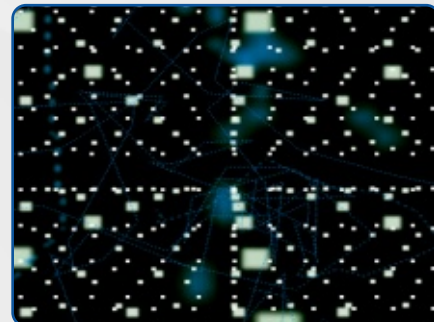
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Installations

What others are saying...

"We could be looking at the future of visual performance, all in dedicated gear with computer-style flexibility."

Create Digital Motion.



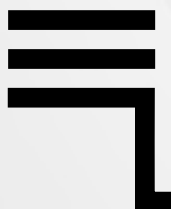
"The Milkymist One may end up in the hands of talented VJs who will want to stand above traditional systems."

La Moustacherie.

"Milkymist provides an unprecedented degree of freedom for VJ set design and performance."

Masters of Media, University of Amsterdam.

Distributors



Sharism at Work

Unit 2503, China Insurance Group Building
141 Des Voeux Road Central
Hong Kong
+852-2854-2699
www.sharism.cc



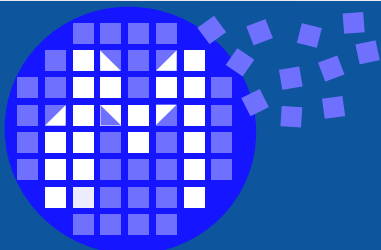
Bearstech

40 passage des panoramas
75002 Paris
France
+33 (0) 1 70 616 016
www.hackable-devices.com



Tuxbrain

Pso. Doctor Moragas 187, 4 3
Barvera del Valles, Barcelona 08210
Spain
+34 937069787
www.tuxbrain.com



Website: www.milkymist.org

Twitter: [www.twitter.com/milkymistvj](https://twitter.com/milkymistvj)

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