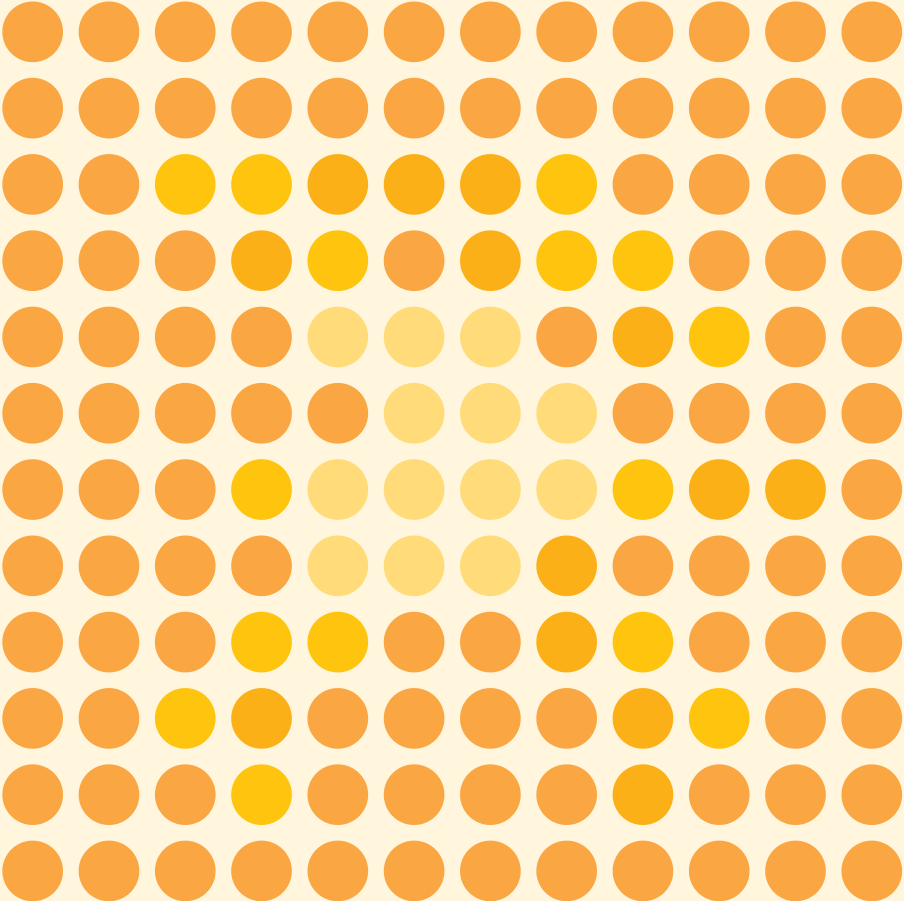


# Shimmer



**Full User Manual**

***Thawney***

**shimmer.thawney.com**

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# What is it?

Shimmer is a light-up generative MIDI box to make playing with your synths even more fun!

It can run scripts made by other people, and you can also write your own if you want to make weird new behaviours and musical ideas for it.

It also has built-in sensors that can detect tilt, temperature and humidity.

# Power

Powering Shimmer is as simple as plugging in a USB-C cable.

Once it powers up, it does its startup check and then starts running whatever script is currently selected.

# Midi Connection

Shimmer has both 5-pin DIN MIDI and 3.5 mm TRS MIDI for input and output.

MIDI in supports TRS Type A or Type B.

MIDI out is TRS Type A.

## !!NOTE!!

For MIDI in, only use TRS or DIN, not both at once. For MIDI out, only use TRS or DIN, not both at once.

# The Button

## *Single Press*

A single press randomises the seed of your current script while keeping the scale and root note the same.

## *Double Press*

A double press randomises the scale and root note while keeping the seed the same.

## *Hold*

Holding changes between the four scripts that Shimmer is running.

# Getting Started

1. Plug Shimmer in with USB-C.
2. Connect MIDI out and/or MIDI in if you want to use it with other gear.
3. Let it finish starting up.
4. Press the button to mess with the current script.
5. If you want to change scripts or settings, connect it to a computer and use the website.

# Website

If you want to change what four scripts your Shimmer is running, choose a MIDI clock mode, or set its input and output channels; you can do that on the website.

Connect your Shimmer to a computer over USB and go to:

[shimmer.thawney.com](http://shimmer.thawney.com)

Press **Read my device** first so the website actually loads the settings that are already on your unit.

That is the main place to manage Shimmer.

## *Website: Scripts*

The Scripts page is where you choose and upload the four scripts stored on Shimmer.

These are the four script slots the device can hold at once.

You can load scripts made by other people, or upload your own.

If a slot is empty, that just means there is no script loaded there right now.

## *Website: Controls*

The Controls page is where you change Shimmer's global behaviour.

This includes:

- key and scale
- tempo
- brightness
- MIDI input and output channels
- clock mode

If you want to change how Shimmer behaves overall rather than changing the script itself, this is the page you want.

## *Website: Firmware*

The Firmware page is where you install firmware updates.

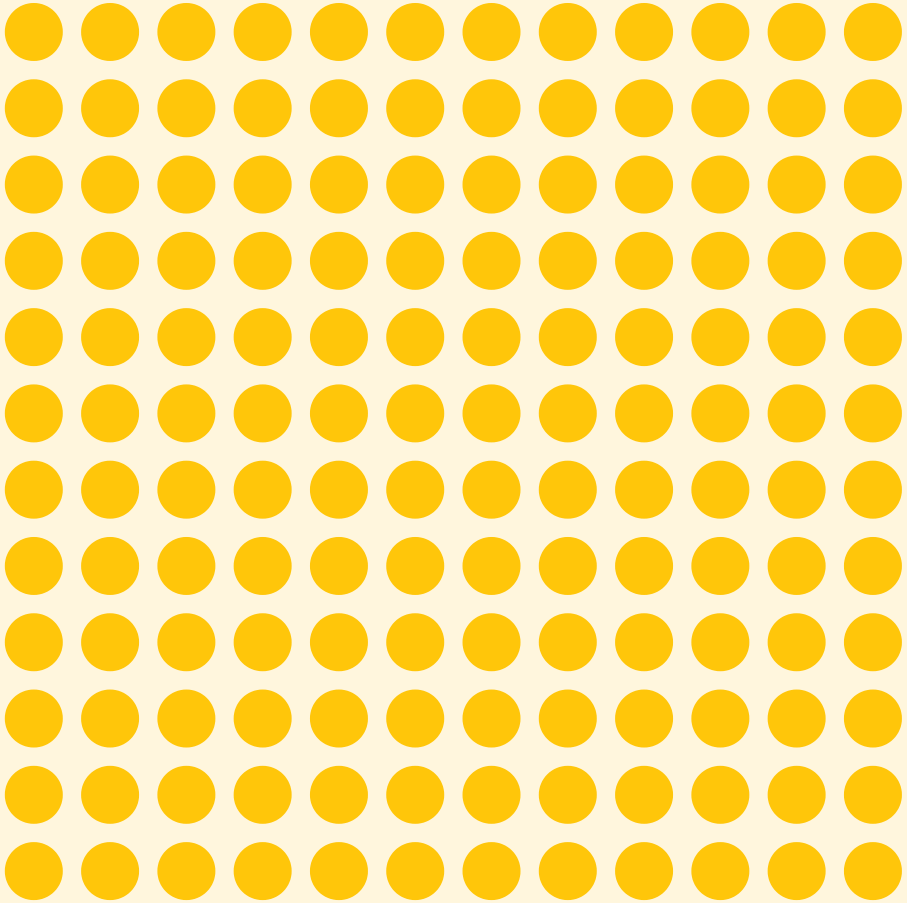
After a successful update, Shimmer reboots automatically.

If new firmware crashes before setup completes, rollback protection means it can still boot the previous version again.

# System Screens

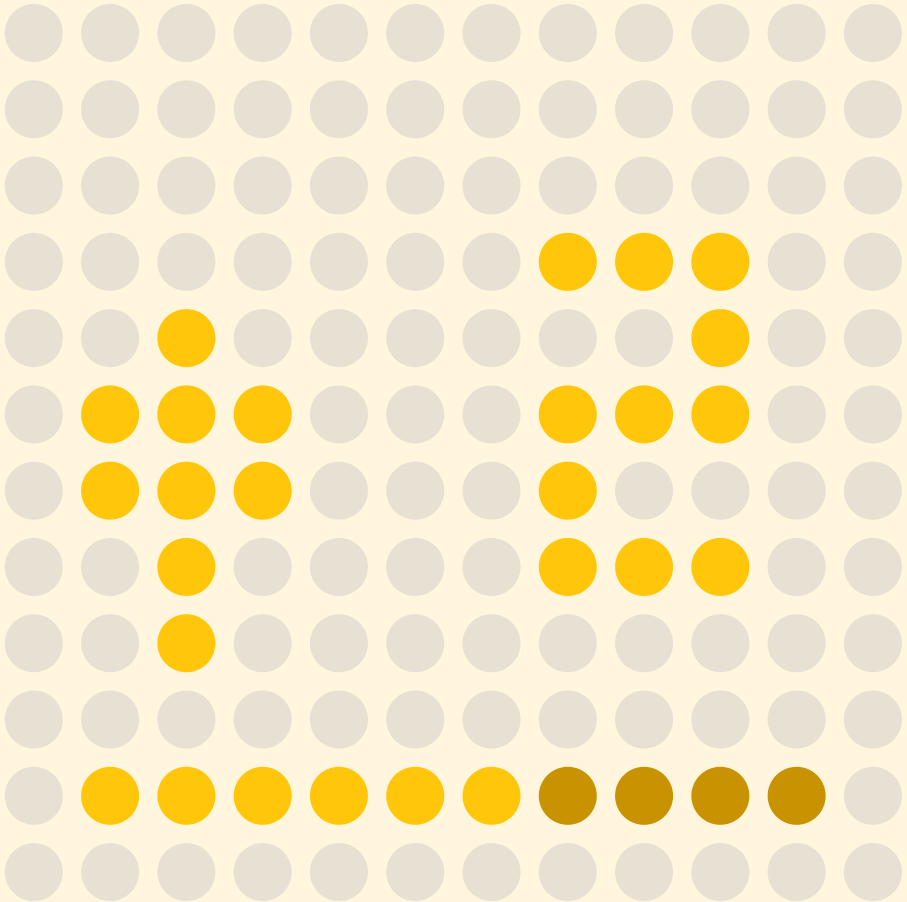
Shimmer uses LED screens to show important system states.

# Startup



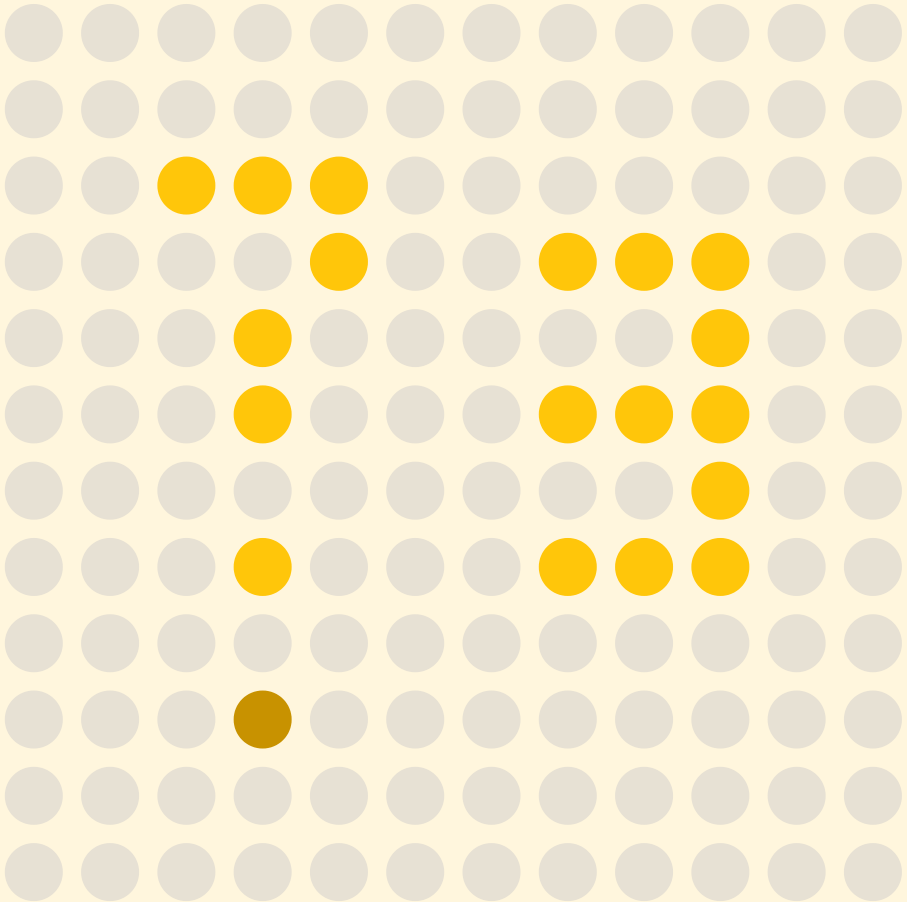
During startup, all the dots glow while Shimmer does its LED check.

# Upload



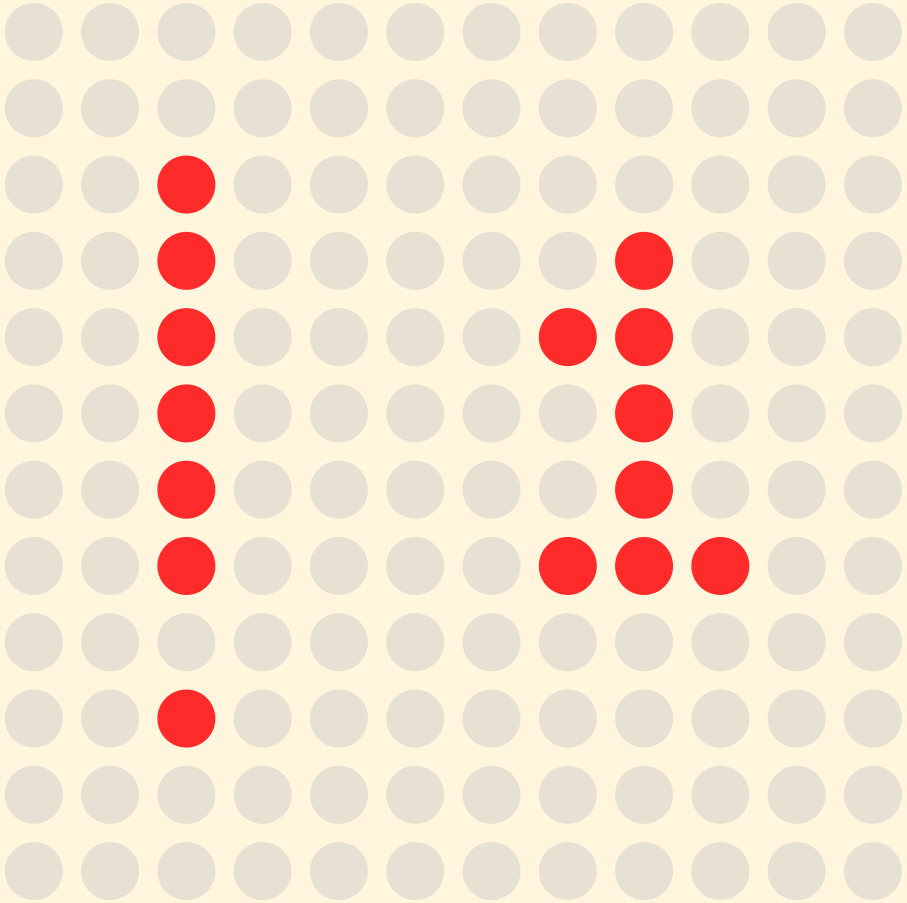
During script upload, it shows the slot number and a progress bar.

# Empty Slot



A ? means that slot has no script loaded.

# Fault Slot



A ! means that script faulted on the device.

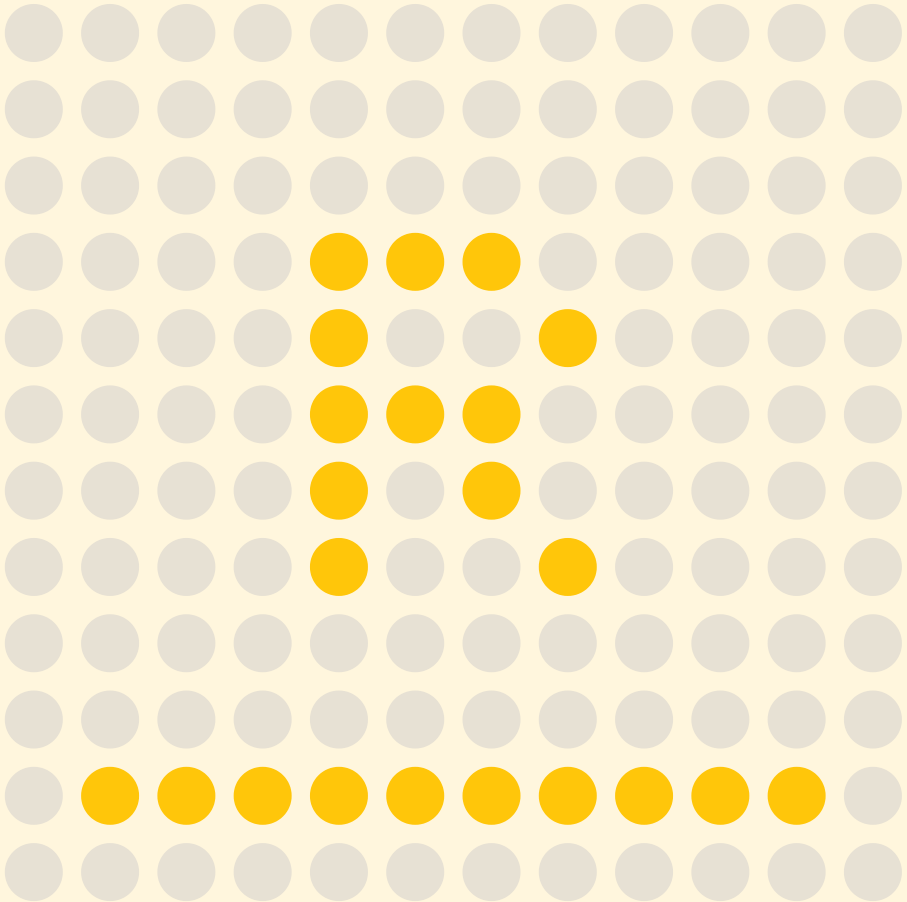
# Recovery and Faults

If a script faults, you can just upload a new one!

If your whole Shimmer gets stuck rebooting, then plug it in whilst holding the button to enter recovery mode.

Shimmer waits a few seconds before going into recovery mode to let you change your mind.

# Recovery



The recovery ready screen shows when Shimmer has erased all onboard scripts.

# Troubleshooting

## *The website cannot see my device*

Make sure Shimmer is connected over USB and press Read my device.

## *My MIDI setup is being weird*

Check you are not using both DIN and TRS at the same time on the same input or output side.

## *A script slot is empty*

That just means there is no script loaded in that slot yet. Load one from the website.

# Troubleshooting

## *A script faulted*

That means the script hit an error on the device. Try uploading it again, or replace it with a different script.

## *I need to recover the device*

Use the recovery mode shown in the system screens section, then upload a working script or firmware again.

# Button

# Reference

- Single Press: randomize seed
- Double Press: randomize scale and root note
- Hold: change script

Have fun :D

# Quick Start

Power Shimmer with USB-C, connect MIDI, and press the button to interact with the current script.

To change scripts or settings,

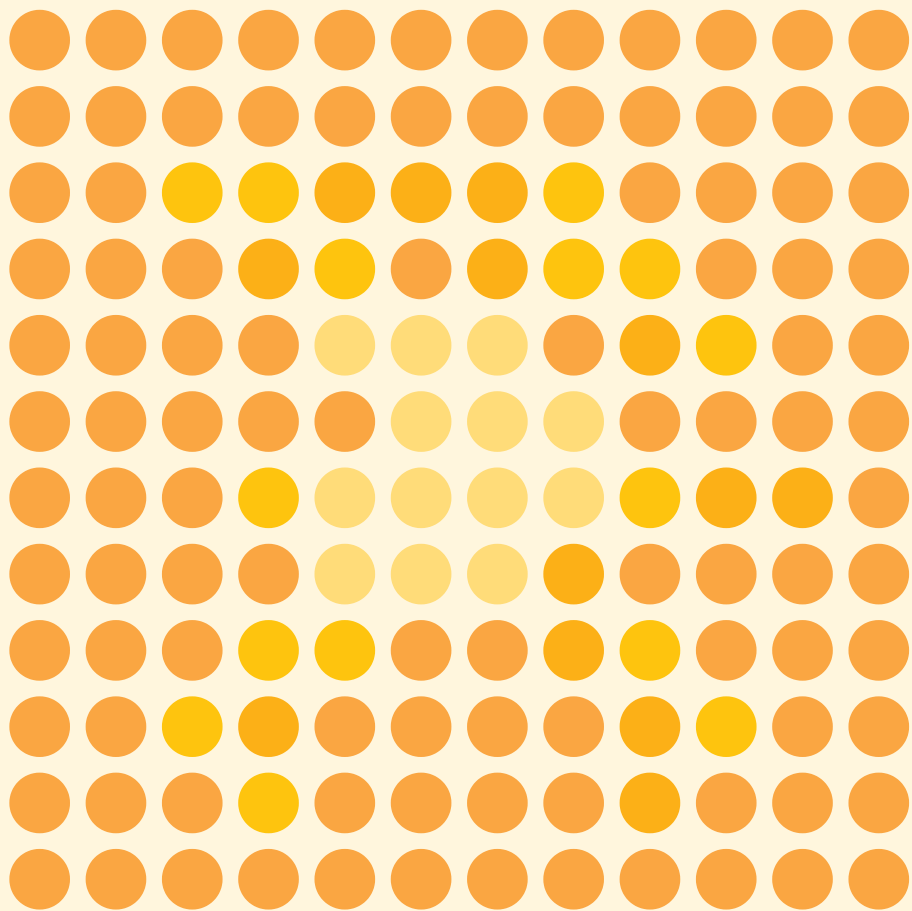
connect Shimmer to a computer and go to [shimmer.thawney.com](http://shimmer.thawney.com).

For MIDI in, use either DIN or TRS.

For MIDI out, use either DIN or TRS.

Do not use both at the same time on the same side.

Quick Start



Shimmer