

## BEGIN

The mini-USB plug provides power and charges the battery. Use the cable and power supply provided.

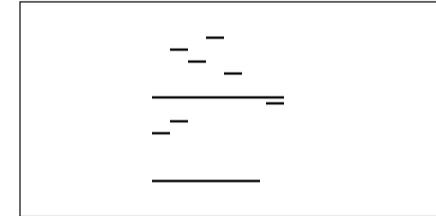
Hold K1 for three seconds.

Be still, and norns will awaken.

There's a small light near the power plug.  
ORANGE means power. WHITE means disk access.

Attach headphones.

## AWAKE



A changing melody will play.

The first loop sounds notes transposed by the notes of the second loop, creating an evolving aural knot.

E1 changes the mode. K1+? means hold K1 then push ?

**STEP**  
E2 navigates position, E3 changes position.  
K2 toggles the sequence to edit. K1+K2 clears all steps.  
K3 morphs the current sequence. K1+K3 randomizes.

**LOOP**  
E2/E3 set loop length.  
K2 resets to play to zero. K3 jumps to random position.

**SOUND**  
E2/E3 adjust selected parameters.  
K2/K3 change parameters.

**OPTION**  
E2 adjusts BPM. K1+E2 change division.  
E3 changes root note. K1+E3 selects scale.

## OTHER

Tap K1 quickly to toggle between OTHER and PLAY mode.

You are now at HOME.

E1 changes pages.



## HOME

E2 scrolls. back/forward with K2/K3.

**SELECT**  
Explore the collection of scripts.  
Select to show a description.  
Forward again to load and return to PLAY.

**SYSTEM**  
Various settings. See the full documentation.

**SLEEP**  
Powers down, getting rest for later.

## PARAMS

A list of various script-defined parameters.

There are various parameter types. For example:  
"cutoff" is a number.  
"clock source" is an option.  
"sample" is a file name.

E2 to scroll. E3 to change value.

Some types of parameters may use K3 for additional actions.

See documentation for more information.

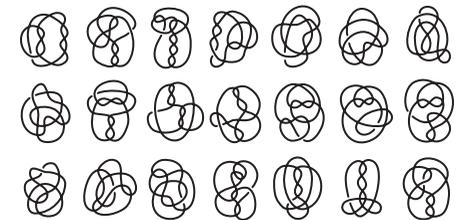
## LEVELS + TAPE

**LEVELS**  
K2/K3 to select. E2/E3 to adjust.

OUT	master output, both headphone and jacks
IN	input from jacks
MON	monitor (input thru to output)
CUT	softcut (multivoice sampler)
ENG	engine input (ie, supercollider)
TP	TP: tape (disk audio playback)

**TAPE**  
Plays and records direct to disk.  
K2 to toggle REC/PLAY. K3 to proceed.

PLAY	LOAD, SELECT, START, STOP.
REC	ARM, START, STOP.



## FURTHER

<https://monome.org/docs/norns>