

# Alicia Band

The Alicia band is a pattern-changing headband ([Alice band](#)) created by [Yukari Freeman](#) onboard the [YSS Miharu](#) as a present for [Saito Miyoko](#).

The band was created with the help of *Hoshi's* CIES and the [Miharu's fabrication rooms](#). It was given to Miyoko on her third birthday (also Yukari's seventh birthday).

## About the Alicia band

The Alicia band changes patterns and colors via a 2-millimeter-thick layer of nanomechanical cloth encased in nanometer-thick resin. The nanomachines that comprise the nanomechanical material change into new colors or styles, instead of simply regenerating or multiplying. The process reduces how much power the machines need. The band is powered by two things — kinetics of the body, and solar energy through thin panels located along the rim of the band, mostly out-of-sight.

## How to operate the Alicia band

Changing the band's style is the most intricate part of the band — it uses a micro-sized version of the [Daisy power armor's](#) brain-reading unit. To activate the system, one need only think, “Alicia, new style,” conjure a new pattern inside one's mind and then wait for the pattern to generate.

Patterns can include “animated” patterns, such as flowing water or dancing lights. But these drain much more power, depending on their complexity. The Alicia band can also glow, at an extreme energy cost.

## Energy capacities

Standard patterns	
No kinetics	<b>500 hours</b>
Kinetics	<b>Indefinite</b>
Solar	<b>250 hours</b>
Kinetics + solar	<b>Indefinite</b>
Animated patterns	
No kinetics	<b>050 hours</b>
Kinetics	<b>150 hours</b>
Solar	<b>075 hours</b>
Kinetics + solar	<b>225 hours</b>
Light/glow standard patterns	
Light/glow patterns, no kinetics	<b>005 hours</b>
Light/glow patterns, kinetics	<b>015 hours</b>

## Personal details

Inside, the band has an engraving along the right side, in Yamataian: “Congratulations for your survival! — Yuka” Along the left ear, again in Yamataian, it reads “Suzuka Light Industries.”

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