

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

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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