



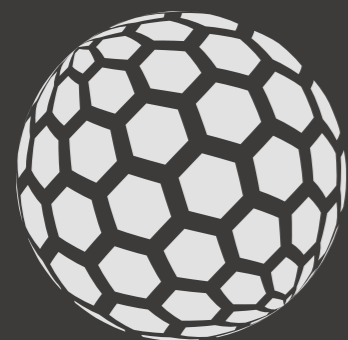
CEO: Jun Kim
Mobile: +82-10-4035-4602
E-mail: info@partier.shop
Webpage: www.partier.shop

Business license number : 186-86-01122
Office: #7, 10th Fl, 202dong, 18,
Bucheon-ro 198beon-gil, Bucheon-si,
Gyeonggi-do, Republic of Korea



PARTIER

Modular Moving Light Speaker

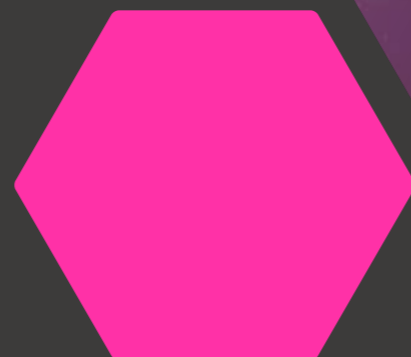


PARTIER

Modular Moving Light Speaker



Portable Bluetooth speaker
with a smart robotic light
**that moves to the music
for the right mood
in every occasion**



RNS

We are a startup from South Korea with crazy, innovative, and fun ideas that we want to bring to life so you can have fun too!

PARTIER

Introducing



“BEFORE PARTIER”

Bluetooth speakers and disco balls are generally used to create a party mood. However, the music and lights are always out of sync, the disco ball simply emits the same light patterns around the room.

Of course, there is an option of creating a light show using DMX-controlled lighting, but such a system is costly, fixed to a room, and overly complex.

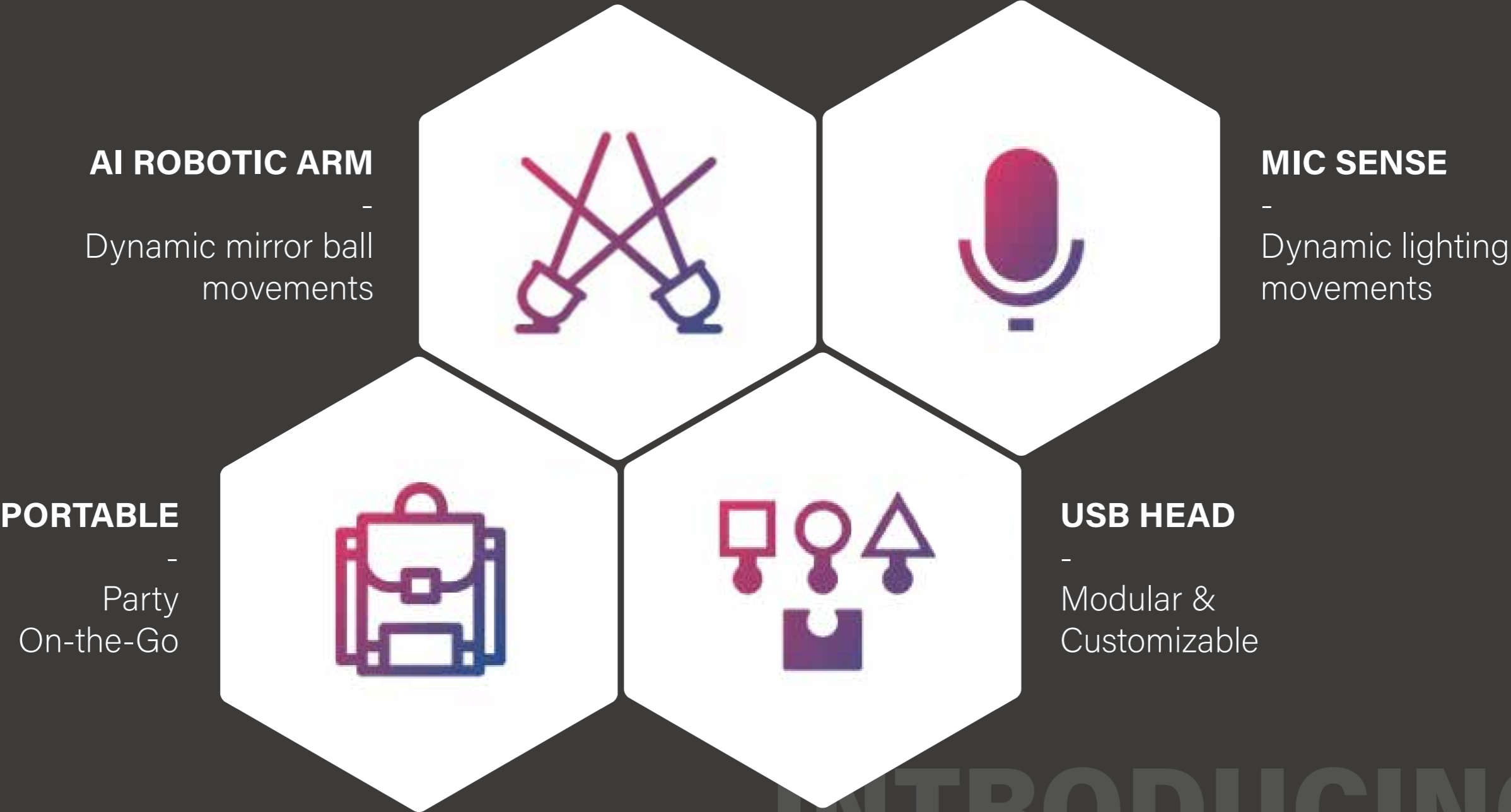
To enjoy a party at home, some people resorted to using Bluetooth speakers and then manually moving the disco balls to enhance the mood.



**THE NEW PARTY
EXPERIENCE**

WITH PARTIER!

We wanted to solve this problem by combining existing technology to create a speaker built to get the party started.



INTRODUCING
PARTIER

The robot arm interprets audio input in real-time to generate movements based on rhythm and beat. This creates dynamic movements of the disco ball.



Partier interprets Bluetooth audio input from on the fly to move the robot arm to the rhythm and beat of the music that the speaker plays.

The speaker analyzes the audio input and uses a special algorithm to move its robot arm.

The arm has a movement range of 270° vertically and 360° horizontally. As the arm dances to the music, the light from the disco ball dances in the surroundings to create dynamic lighting and mood.

AI Robotic Arm

MIC SENSE



The MicSense

disco light increases variations and randomizations of the light pattern, further enhancing the mood as the disco ball moves

The disco ball uses MicSense technology with a built-in microphone that detects surrounding sounds and changes its light pattern based on sound input. This gives the lighting effect of the dancing speaker an additional dimension, making it more dynamic and further enhancing the mood.

This effect is particularly pronounced when listening to slower music. A standard disco ball would generate light that blinks to a repetitive pattern, thus causing the light to feel disjointed when the beat slows down. The use of the MicSense disco light makes slow music more enjoyable.





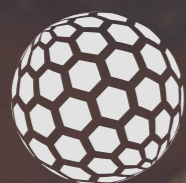
PARTIER

Modular Moving Light Speaker



PORTABLE

Partier is portable, so you can bring your party anywhere you want. Audio input is easy with any Bluetooth-enabled smartphone, so you can listen to your favorite tunes wherever you are.



The dancing speaker is portable. It has a battery life of 10 hours on a full charge and speaker mode, more than enough juice to keep the party going.

The speaker uses Bluetooth 4.2 connectivity, allowing it to have high audio quality and play audio from it over a longer distance. Move around the party while playing music from your phone in your pocket!

The standard disco ball attaches
to the robot arm via a

USB port.

The port can also power modular add-on.
This opens up countless possibilities
for users to customize their speakers
with other USB modules.



USB HEAD

The robot arm takes on modular
accessories via a USB port.
The default accessory is the disco ball.
We chose to use a USB port so
that our users can unleash their creativity
and extend the speaker
with other USB accessories.

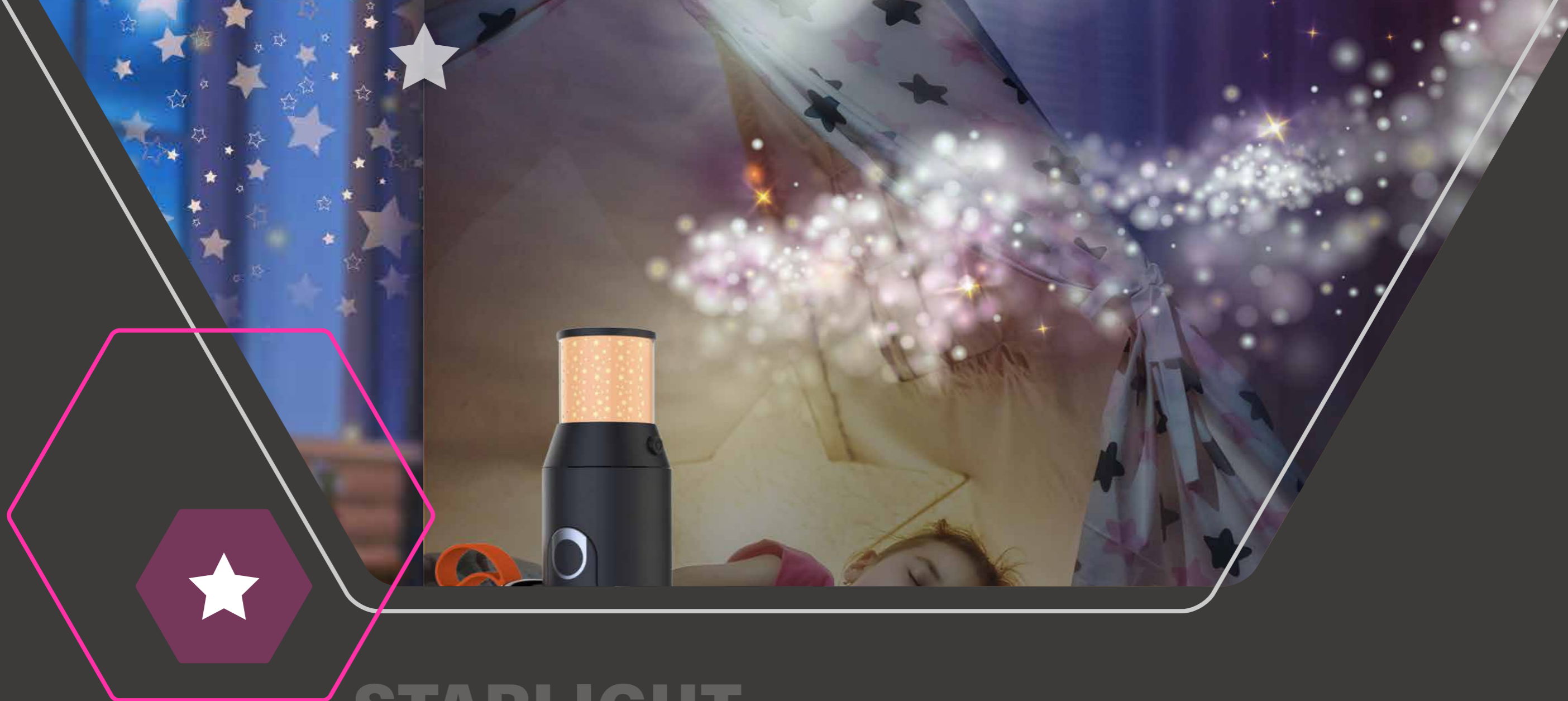
MOOD LIGHT

With the Mood Light module, Partier gives a gentle ambient light that is perfect for relaxing. The light comes with a steady mode, and a pulse mode where cycles through four colors with a slow, calming pulse.

The cozy mood light makes a good companion for kids, especially those that are afraid of the dark. Play a lullaby or a bedtime story with Partier and watch them drift off to dreamland under the soothing mood light.

Adults love the mood light too. They are ideal for relaxing. The mood light also creates a romantic ambiance when you want to slow down and get intimate with the special someone.





STARLIGHT

Put the Starlight module on Partier and turn your kid's room into a starry sky. Fuel their imagination and generate hours of fun playing under the stars. Camp under the stars in their bedroom. Or become a space pirate surfing through the galaxy. With the Star Mood, imagination is the limit. And kids have unlimited imagination.

Go a step further and play songs to further enhance the mood. Fancy being under the stars with Star Wars tunes playing in the background? Of course, the Star Mood also works well with lullabies or bedtime stories.

FLAME LIGHT

We take the mood light a step further with the Flame Light module. The light imitates the look of fire for that extra coziness and romantic mood. The flame flickers and dances like a real flame to help you relax with your favorite tunes.

Enjoy the comfort of a flame light without the dangers of a fire hazard.



USE CASES

PARTY

AMBIANCE

TRAVEL



The dancing speaker has LED lights all around the speaker's body that lights up based on the music. This further enhances the lighting effect and boosts the mood at a party, create a romantic ambiance if you want, and most importantly, use it wherever you are.



Other brands

- 

Ports

- 

DEVELOPMENT PROCESS

PROTOTYPES

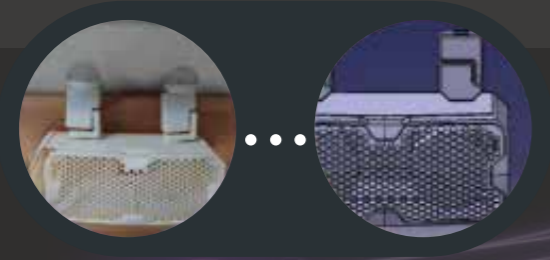
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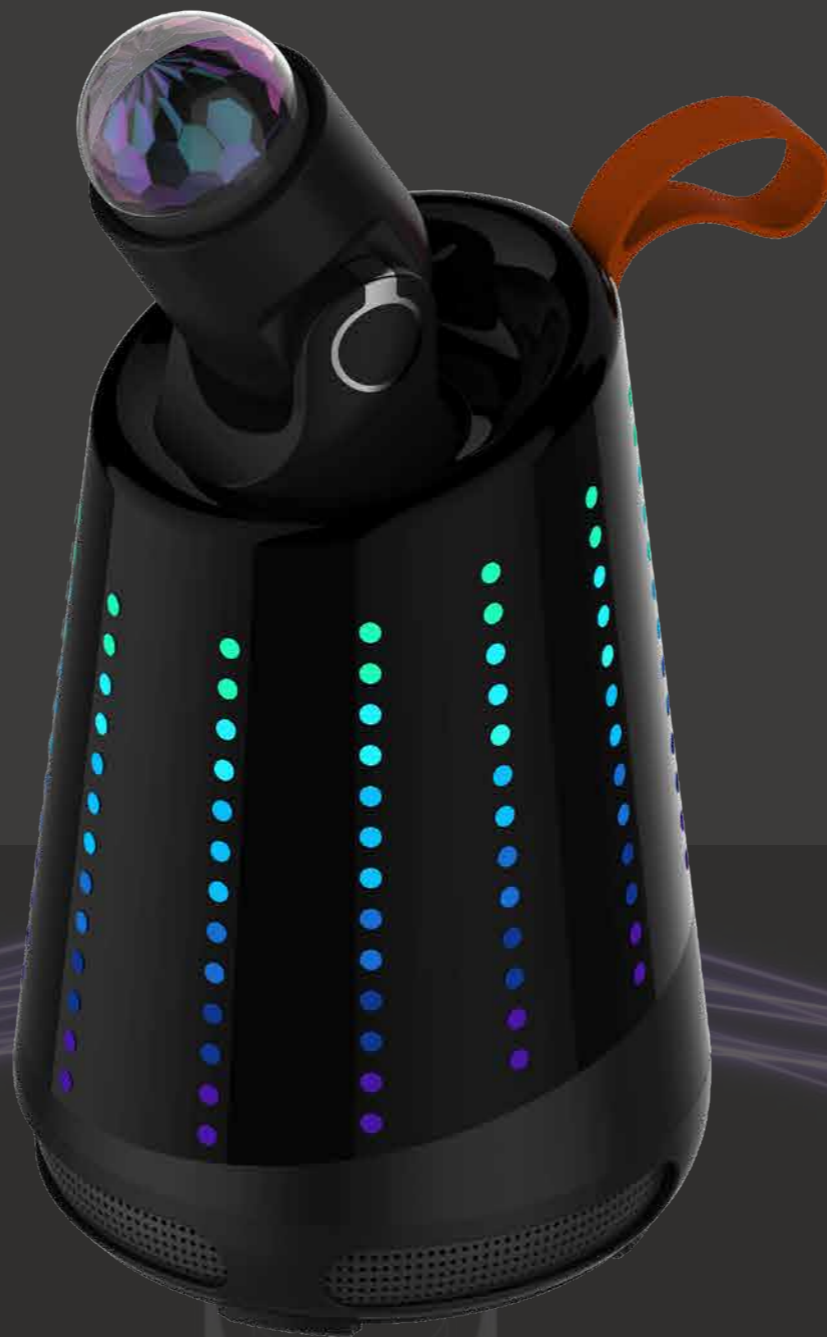
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#4



FINAL DESIGN !



TECH SPECS



SOUND
QUALITY

SENSITIVITY
90 DB



PARTY
ON THE GO

BLUETOOTH VER
4.2

FREQUENCY RANGE
50-15KHZ

DIMENSION
140X140X287.1MM

SPEAKER SIZE
2.75 INCH

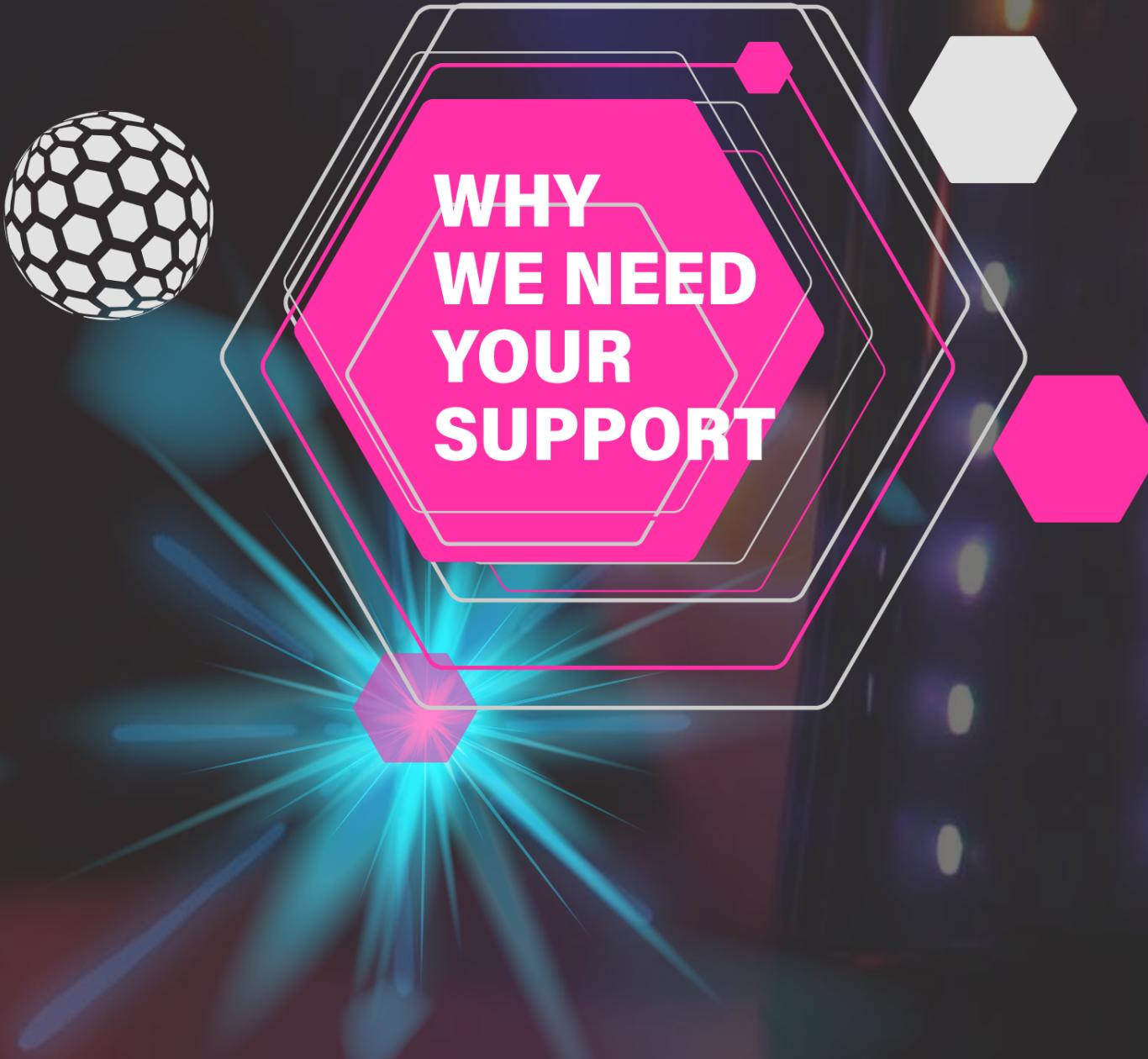
WEIGHT
1.4KG

AMPLIFIER OUTPUT
10W

PLAY TIME
10H

TIMELINE





**WHY
WE NEED
YOUR
SUPPORT**

We have finished the development of the dancing speaker and we are excited to get it into the market to you.

However, as a small startup, we cannot bring this product to life without your support.

We need to raise funds for raw materials and components needed to start mass production of the dancing speaker.



RNS

About PARTIER by RNS

RNS Co. Ltd. was established in 2018, with the philosophy of bringing smiles and laughter to people by making the most fun and enjoyable products in the world. By innovating existing products with user ideas and feedback, we are always trying to reflect users' needs and make our products more functional and suitable to the current environment. The uniqueness of 'Partier' is making a great hit in the Bluetooth audio market. We are an international team of professionals from South Korea, Singapore, and Italy, with expertise in entrepreneurship, electrical engineering, and creative marketing. Months of hard work by the team shaped Partier into what we see today.