

# Micergy

## UDU SERIES – UD5 PRO

Innovative Portable Solar Lantern Speaker



# Innovative Portable Solar Lantern Speaker

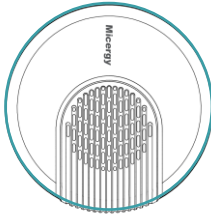
SOLAR



SPEAKER

LANTERN

POWER BANK



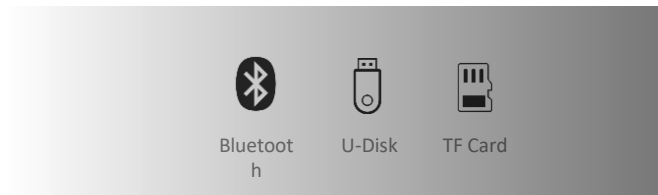
## Immersive sound performance

- Built-in 5W Speaker
- Distortion:  $\leq 10\%$
- Frequency response: 80Hz ~ 20KHz
- Signal-to-noise ratio:  $\geq 70\text{dB}$



## Various audio source to play

- Bluetooth V4.2, wireless play music everywhere
- Play music by inserting a U-disk
- Play music by inserting a TF card



## Wireless Bluetooth for more possibility

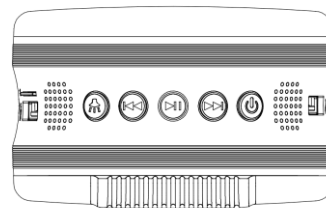
- Wireless play music with Bluetooth enabled device
- Wireless pair up to 2 x UD5 Pro with TWS\*
- Hands-free voice call with the built-in microphone

\* True Wireless Stereo (TWS)



## Plug & play, user-friendly portable design

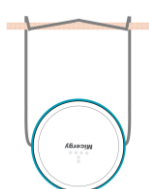
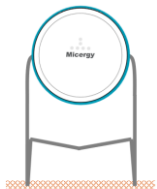
- Plug & play barrel jack port, easy installation
- User-friendly device control, a single press
- Built-in dimmable high efficacy LED lighting
- Smart load detect for port powering
- Excellent industrial design, soft-touch silicone cover



Reading Light

Hanging Light

Portable Light

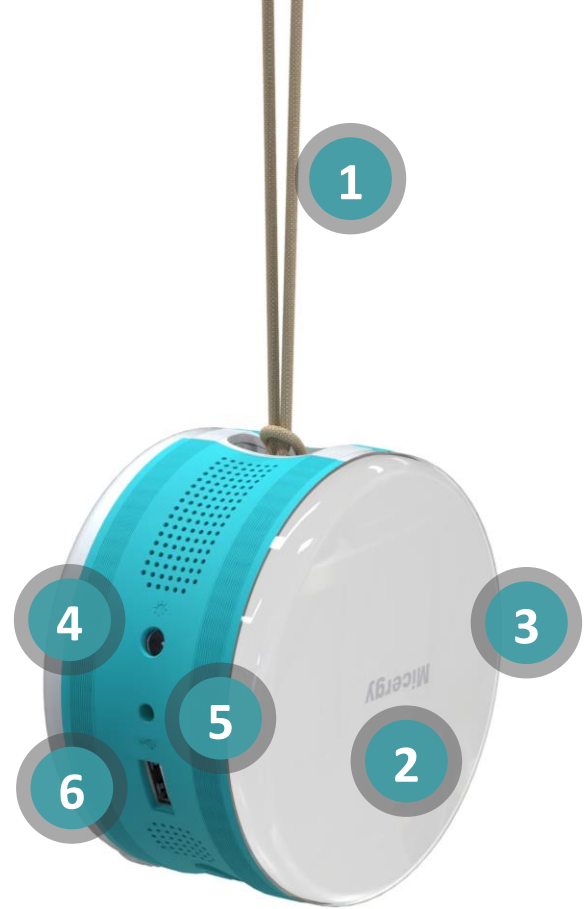


## Multi-purpose, dimmable LED light

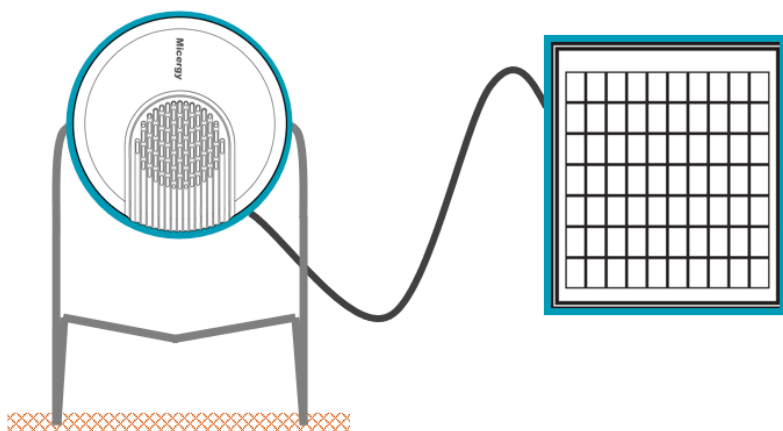
- Multi-purpose detachable stand with handy strap
- Dimmable high-efficacy LED lamp, 100 lumen
- High brightness, Low brightness, SOS
- Reading light, hanging light, portable light

## UD5 PRO PRODUCT TOUR

- 1 Portable Cowhide Leather Strap**  
Portable design with the cowhide handy strap, carry your UD5 Pro everywhere
- 2 LED Indicators for Device Status**  
4-level LED indicators to show battery level, 1 LED indicator to show audio source
- 3 High-Efficacy Dimmable LED Light**  
Dimmable LED light with 3 modes: high brightness, low brightness, SOS
- 4 Solar Input Port / AC Adaptor Port**  
Charge your UD5 Pro with Micergy solar panel or 8V/1A AC adaptor
- 5 Detachable Stand Mount Hole**  
Mount your UD5 Pro on the detachable stand for multi-purpose scenario
- 6 5V USB 2.0 Type A Port**  
5V/2A USB 2.0 Type A output ports for 5V for phone charging
- 7 Control Button Panel**  
Control the brightness level of the LED light and music play of your UD5 Pro
- 8 U-Disk Slot for Music Play**  
Insert an external U-Disk with your favorite music, enjoy immersive sound performance
- 9 TF Card Slot for Music Play**  
Insert an external TF card with your favorite music, enjoy immersive sound performance
- 10 Detachable Stand**  
Detachable stand for multi-purpose scenario



## UD5 PRO USAGE SCENARIO



### SOLAR



**5** hours to charge

\* Typical charging time by  
10Wp solar panel @ STC

### AC ADAPTOR



**4** hours to charge

\* Typical charging  
time by 8V/1A  
adaptor

**24+** hours to music play time @ decent volume

### SPEAKER

**24+** hours lighting time @ low brightness

### LANTERN

**1-1.5** times full charges for a typical smartphone

### POWER BANK

\* Typical use alone run time for UD5 Pro when battery fully charged

## UD5 PRO *Micergy* SCENARIO

### DC

- Off-Grid Household
- Off-Grid Street Shop

### OUTDOOR

- Outdoor Camping

### GIFT

- Premium Electronic Gift
- Brand Merchandising Gift



## GENERAL SPECIFICATIONS

Input Ports	1 x 10V/1.5A DC Input Port
Output Ports	1 x 5V/2A USB 2.0 Type A Output Port, Automatically detect and power when there is a load plugged in
Battery	Lithium-ion, 18650 Type Battery Nominal Voltage, 3.7V Battery Capacity, 5000mAh Long Lifecycle @ High Charge & Discharge Rate
LED Light (built-in)	Lumen Efficacy LED Light, 100 Lumen Dimmable with 3 Brightness Level, High Brightness, Low Brightness and SOS Smart 'Off' Function After Battery Run Out and Recharge Again LED Constant Current Driver
Display	LED Battery Level Indicators(4-Level) LED Status Indicators(Audio Source)
Solar Panel	9V/10Wp @ STC 5m Charging Cable Aluminum Frame Dimension: 355*250*17mm

## SPEAKER

Speaker Specs	2", 4 $\Omega$ , 5W Speaker Distortion: $\leq 10\%$ Frequency response: 80Hz ~ 20KHz Signal-to-noise ratio: $\geq 70\text{dB}$
Audio Sources	Bluetooth V4.2, wireless play music everywhere Play music by inserting a U-disk Play music by inserting a TF card
Bluetooth	Bluetooth V4.2 Wireless pair up to 2 x UD5 Pro with TWS Hands-free voice call with the built-in microphone

# Micergy

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