



2024.09.5
V1.0 首次创建

2025.04.11
V2.0 增加APP内容

Smart Jump Rope

Product Name: Smart Jump Rope (Split Screen Version)
Product Model: DDL-RS01
Product Material: ABS+Silicone+PC+Metal
Handle Size: 22mm Grip Length 160mm
Display mode: Split screen pack LED screen display
Rope specification: Rope length 3m, Rope diameter 4mm;
Rope length adjustable, Mid-range variable diameter;
Input Voltage: DC5V 1A
Battery capacity: Split screen pack: 2000mAh / Grip: 500mAh
Charging port: Type C
FCC ID:

Brand Company: Beaverlabtech Limited Liability Company
Website: www.beaverlabtech.com
Email: support@beaverlabtech.com
INS: https://www.instagram.com/beaverlabtech/
Twitter: https://twitter.com/BEAVERLABOS
YouTube: https://www.youtube.com/channel/UCUc-pXxLB
Q5C6dJa-EPIWg
Facebook: https://www.facebook.com/people/BEAVERLAB-4is/100
09306594303/



Made in China

Split Screen Package Launch & Connect

1.Touch the power button to wake up the split-screen package, and the wake-up period lasts for 10 minutes.
2.The split-screen package scrolls a custom pattern by default.
3.After the split-screen package is started, if the handle is already turned on, the two will automatically connect via Bluetooth. During the skipping process, the split-screen package will display information such as skipping timing and counting.
4.When the split-screen package is enabled, click Bluetooth connection on the APP and the APP will connect to the split-screen package; the split-screen package will prompt that the connection is successful.
5.The APP can be used to project the split-screen package, and the projection content includes customized materials, text, UI drawings, etc.
6.Long press the split screen package power button to shut down.

About connection and use

1.Only the handle is activated, you can use it directly and jump rope.
2.The handle + split-screen package is started, the split-screen package is connected to the handle via Bluetooth, and the split-screen package will display the current skipping rope timing, count and other content, and the projection content includes customized materials, text, UI drawings, etc.
3.When the handle + APP is started, the handle will be connected to the mobile phone, and the mobile phone can set timing, counting and other content.

4.The split-screen package + APP is started, the split-screen package will be connected to the mobile phone, and the mobile phone can project customized content.
5.The handle + split-screen package + APP is started, the handle and the split-screen package will be connected to the mobile phone, and the mobile phone can project customized content, set timing, counting, etc.

Precautions & Battery Safety

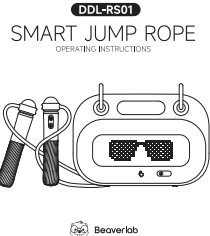
1 Please do warm-up exercises before jumping rope.
2 Children should use under adult supervision.
3 When wiping the handle or screen, do not get it wet; just wipe it dry with a dry cloth.
4 Keep away from heat sources or liquids and place in a dry and ventilated place.
5 Please keep the instruction manual in a safe place.

1 This device has a built-in non-removable battery. Please do not modify or disassemble the battery without authorization.
2 Do not place the device in a high temperature or heating environment, such as a heater or microwave oven, to avoid battery fire or explosion.
3 Do not impact, crush or puncture the battery, which may cause internal short circuit and overheating.
4 Do not dispose of batteries as household waste. Please dispose of batteries according to local regulations.

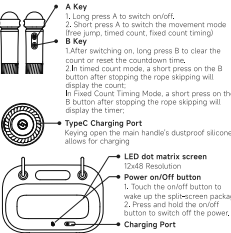
FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.

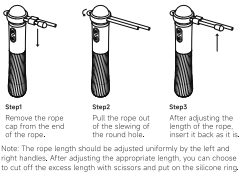
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction



Product & Function Introduction



Assembly Method



Height<150cm	Suitable for 2.4m long jump rope
Height150~170cm	Suitable for 2.7m long jump rope
Height>170cm	Suitable for 3m long jump rope

Operating Instructions

Handle start Press and hold the A button, the controller will turn on and automatically enter the free rope skipping mode.
①Free Jump Mode
• Start skipping rope: After turning on the device, the free jump mode is displayed. If you jump directly, the number of jumps and the duration will be automatically recorded.
• End of skipping: Short press the B button, and then short press it again after the numbers on the screen start flashing to end the current skipping.
②Timed Counting Mode
• Short press the A button to switch to the timing counting mode, the numbers flash, the starting time is 60 seconds, short press the A button to increase 30 seconds, short press the B button to decrease 30 seconds, the setting is complete.
• If the number stops flashing after 3 seconds, the countdown will begin. After the timer ends, the buzzer will sound and you can end the exercise.
③Constant timing mode
• Short press the A button to switch to the timing counting mode, the numbers flash, the starting number is 100, short press the B button to increase by 10, short press the A button to decrease by 10, the setting is complete.
• If the number stops flashing after 3 seconds, it enters the counting mode and starts timing.

APP launch & quick activation

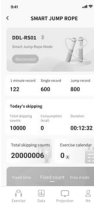
1.Scan the QR code on your mobile phone to download the APP, complete the installation and registration.
2.Click on the top right plus sign on the APP homepage to select [Smart Jump Rope] to add to the homepage.
3.With the joystick switched on, click on Bluetooth connection in the software control interface.
4.Record training, exercise cycles, etc. on the app side for better planning of exercise programmes.



Scan here to download APP

APP Introduction

①Exercise
The homepage of the smart interactive skipping rope APP can be connected to Bluetooth according to the current training data today's skipping rope record, historical skipping rope trials, selecting skipping rope mode, etc.
Timing Mode: Customize the skipping time. Click Start Skipping to enter the timing status. You can record the duration, number of consecutive jumps, consumption, etc. in real time. You can pause or end the skipping at any time. It will automatically end when the time is reached.
Fixed number mode: Customize the number of rope skipping jumps. After clicking to start rope skipping, the number of rope skipping jumps will be recorded in real time according to the rope skipping status. The duration, number of consecutive jumps, consumption, etc. can be recorded in real time. Rope skipping can be paused or ended at any time. It will end when the specified number of jumps is reached.
Free Mode: You can freely skip rope, and record the duration, number of consecutive jumps, consumption, etc. in real time. You can pause or end the skipping at any time.



②Data
• Automatically count and record skipping data, and select a specific time period to view skipping data by day, week, or month.
• Each time you skip rope, the phone will automatically record the single or daily skipping record, and you can view the multiple skipping data in the exercise record at any time.
• Check the sports calendar to set a daily skipping goal. Check the current month's goal achievement summary.
③Projection (cannot be used when skipping rope alone)
Select material or text, or GIF image, and cast it in real time in the split-screen package (split-screen package needs to be connected).
④Me
• In the personal center, you can set your name, gender, height, birthday, and weight.
• Check the total number of skipping ropes, number of exercise days, total duration and total consumption, etc.
• Click Help to view common problems and solutions.
• Clean up APP data.

85 mm

480mm

风琴折

出血 _____
切刀 _____
压线 _____
尺寸标注 _____

图纸审核 ▶ 陈寒

产品名 ▶ 300RS080011 DDL-RS01说明书

印刷颜色 ▶ 4色彩印

物料材质 ▶ 80g 双胶纸

样品

样品数量 ▶ 3套

设计于 ▶ 伟善

成品尺寸 ▶ 480mmx85mm

特种工艺 ▶