

iStar Technology Co.,Ltd
DC-02
3DoF Bluetooth Controller
Manual
Ver 0.1



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1. Inside the package

1. User manual *1
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2. Specification

| | |
|---------------------|--|
| BT version | BLE4.0 |
| Work range | 10 meters |
| Work time | 30 hs (Test after battery full charged) |
| Stand by time | 240 days (Test after battery full charged) |
| Charge time | 2 hs (From 0-100%) |
| Battery capacity | 350mAh |
| Buttons life time | Touch pad button: 500,000 |
| | Other buttons: 100,000 |
| Operate temperature | 0-40°C |
| Store temperature | 10-30°C |

3. Overview

DC02 is a 3DOF Bluetooth LE controller with 32mm effective touch area touch-pad, powered by rechargeable lithium-ion battery, and compatible with Google Daydream VR platform.

Note: This controller need to be used together with VR box, recommend to use the VR box which may adjust pupillary distance & object distance.

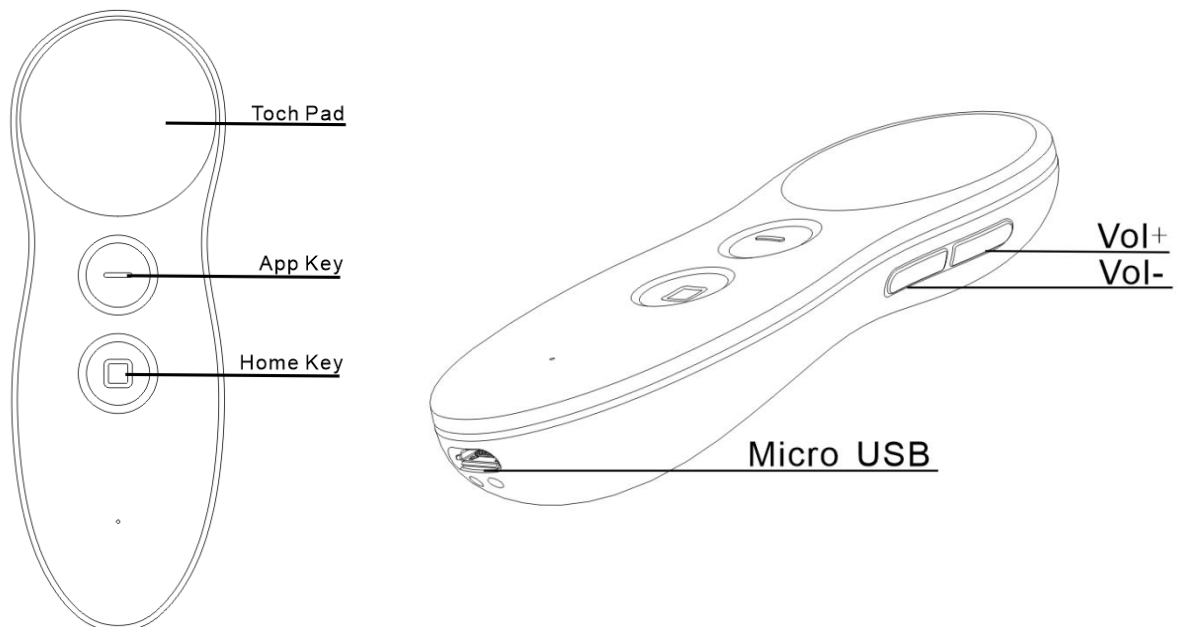
4. On/Off/LED

1. Press Home button for 3 seconds to turn on the controller & enter pairing mode, green LED flash.
2. Controller will enter sleep mode if do not receive any connect request in 60 seconds.
3. Press any buttons to wake up controller and enter pairing mode from sleep mode.
4. Long press Home button for 10 seconds to shut down controller, green LED will flash 3 times rapidly.

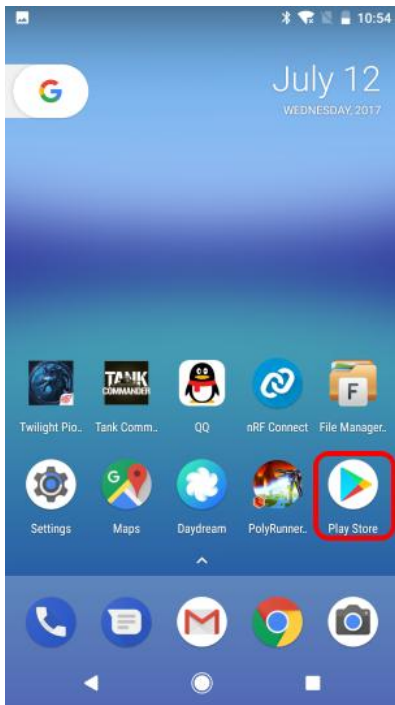
5. Low power alarm & Charge

- 1, When battery voltage lower than 10%, Red LED flash. (0.03s on, 0.47s off);
- 2, Red LED breathing light when charging, and Red LED off after full charged.

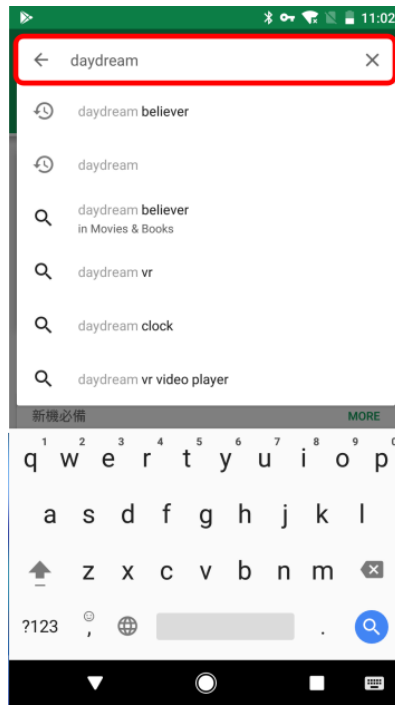
6. Controller sketch



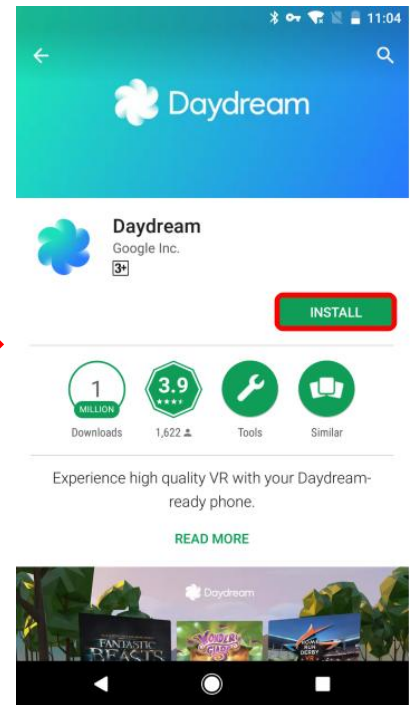
7. App download



Play Store



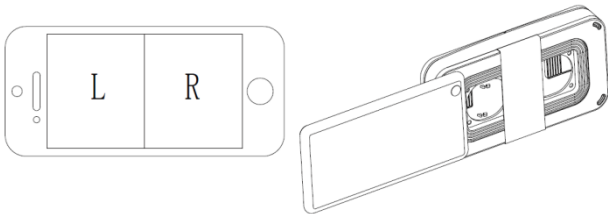
Search Daydream



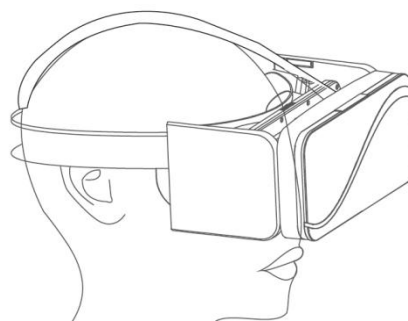
Install Daydream

Daydream App installed, open Daydream App, follow the prompts to complete registration and login.

8. Put your phone into VR Box



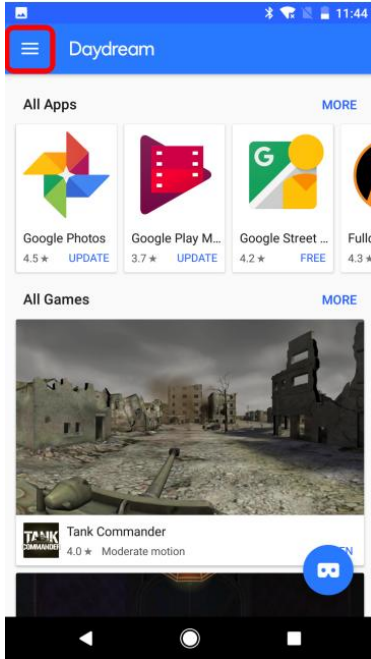
Refer to the VR Box manual
Install the phone properly to VR Box



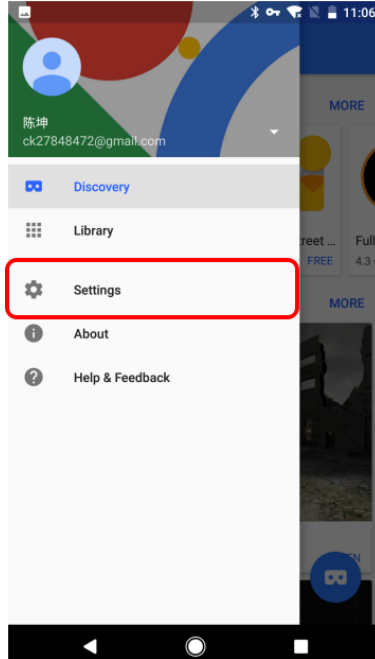
Wear VR Box correctly
Use the adjust button to
make the screen clear.

9. Pairing

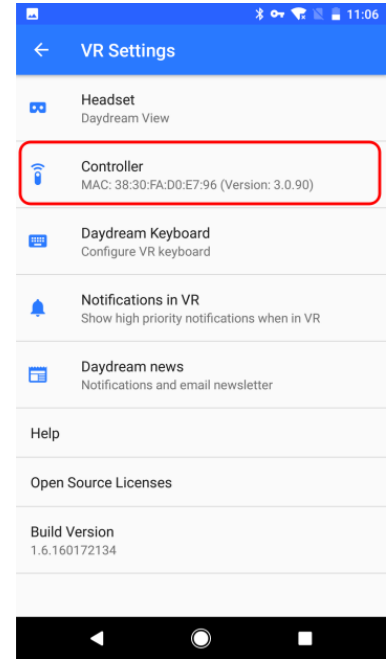
Firstly, turn on Bluetooth: Setting → Bluetooth → On



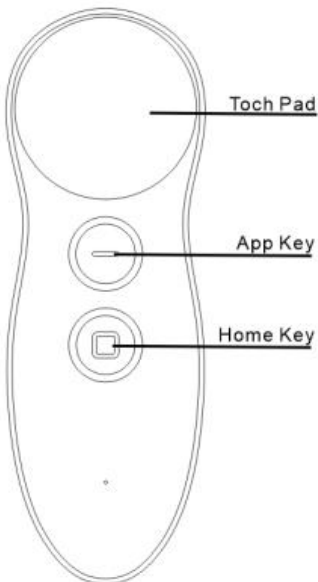
1, Open Daydream App and select "Menu"



2, Open Settings



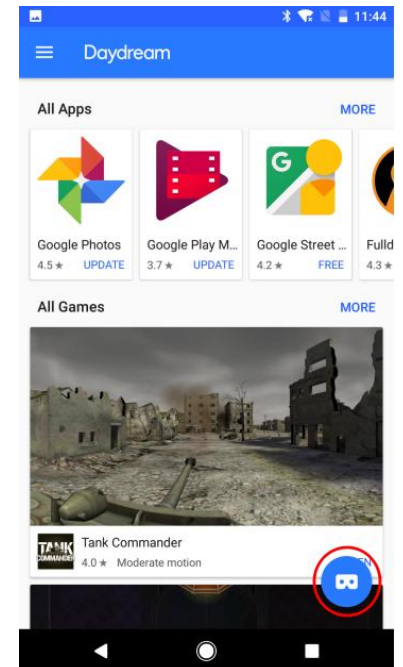
3, Select Controller



4, Follow the prompt, press Controller Home
Enter pairing mode, green LED blink



5, After pairing successful, press
CONTINUE



6, Retrun to main page, press VR key
to enter Daydream

10. Troubleshooting

1. The controller can't work after connected with phone.

Please use Daydream App -> Settings to connect with controller;

Try to long press Home button (not longer than 10 seconds);

Reboot Daydream App;

Shut down controller, and turn on again.

2. Controller can't enter pairing mode.

Try to long press Home button for 3 seconds;

Press any buttons to enter pairing mode;

Charge your controller.

3. Controller can't turn on.

Charge your controller.

4. Daydream App black screen in use

Unlock the phone again

Restart Daydream App

FCC statement

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 requirement. The device can be used in portable exposure condition without restriction

FCC ID: 2AP4T-DC02