SkyCurrent

Wireless Power Evaluation Kit
Multi-mode Capability (AirFuel and Qi)

User Guide

Package Contents

- **SkyCurrent™ 30 Charging Pad**
  - **Power Supply**
- **SkyCurrent™ MR-Enabled Devices**
  - **LED Light Bulb**
  - **Bluetooth Speaker**
  - **Bluetooth Headphones**

Please note: All enclosed PRUs are for demonstration purposes only and are not indicative of finished products.

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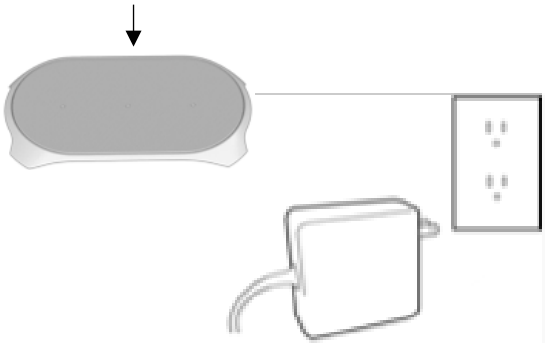
1.
SkyCurrent™ 30 Charging Pad

a. Dual mode support for both AirFuel MR and WPC Qi enabled devices

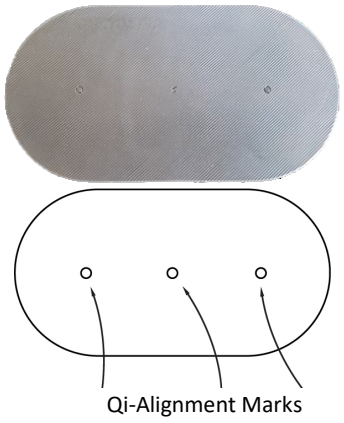
b. For evaluation purposes and best performance, place PRUs inside the effective charge area. Production design charge area is significantly larger

2.
Connect Power Cord to SkyCurrent™ 30



a. Connect the power cord to the SkyCurrent™ 30 charging pad
b. Plug the opposite end of the power cord into an AC (mains) power outlet
c. Blue light indicates SkyCurrent™ 30 charging pad is on

3.
Charging Qi Enabled Devices



a. Place up to three Qi enabled devices at once
   I. Place on any of the three Qi alignment marks
b. Smart device will light up when alignment is complete
c. SkyCurrent™ 30 can charge any Qi-enabled device

4.
Charging MR Enabled Devices

a. Place up to four AirFuel MR-enabled devices at once
b. Can place MR-enabled devices anywhere on pad
c. Charges different devices with various power requirements

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5.
Dual Mode Charging

a. Place any combination of MR and Qi enabled devices
   I. Up to four devices at once
   II. Qi enabled devices must be placed on Qi alignment marks
   III. MR-enabled devices can be placed anywhere on pad
b. Charge different devices with various power requirements

6.
Bluetooth Headphones

a. AirFuel MR-enabled device - with battery
b. Freedom of placement
   I. Can place anywhere on charging pad and headphones charge
   II. Can place be placed/held above charging pad and still charge (vertical freedom)
c. Indicator LED turns ON when charging
d. Can connect via Bluetooth and play audio
e. See Page 5 for further details

7.
LED Light Bulb

a. AirFuel MR-enabled device – no battery
b. Freedom of placement
   I. Can place anywhere on charging pad and light bulb powers on
   II. Can place be placed/held above charging pad and still powers on (vertical freedom)
c. LED turns ON when powered

8.
Bluetooth Speaker

a. AirFuel MR-enabled device – no battery
b. Freedom of placement
   I. Can place anywhere on charging pad and speaker powers on
   II. Can place be placed/held above charging pad and still powers on (vertical freedom)
c. Indicator LED flashes when powered on
d. Can connect via Bluetooth and play audio
e. See Page 4 for further details

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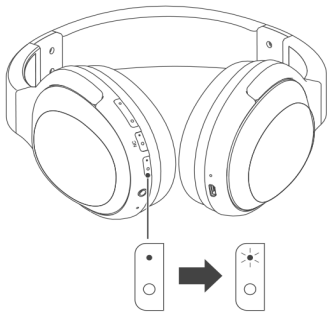
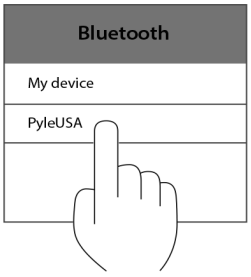
Pairing Instructions - Headphones

Pairing the Bluetooth™ Headset

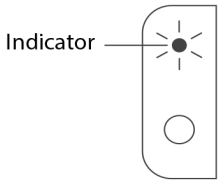
BLUETOOTH CONNECTION



Step1 Power on ⏻
Press for 2 seconds until red and blue indicator flashes alternatively, then enter the setting and switch on the Bluetooth in cell phone

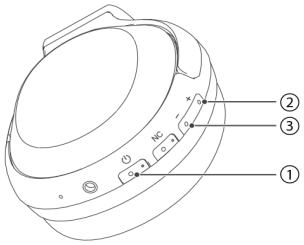


Step2 Choose the device
Find the PyleUSA from the Bluetooth name list in the phone



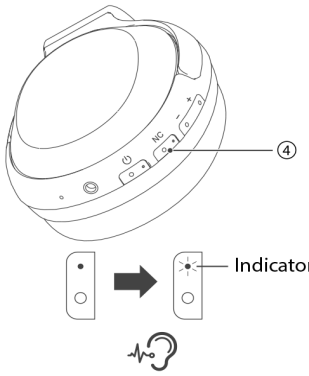
Step3 Connection finish
If PyleUSA shows connected, the blue indicator will flash which means the connection successful You can now start to play music.

BASIC OPERATION



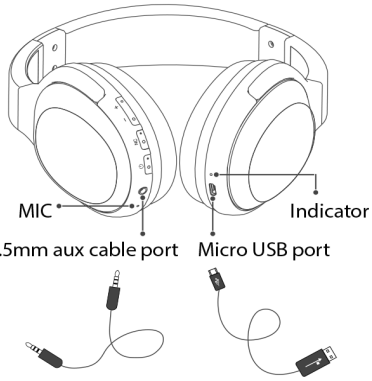
1. Power/Multi-function button ⏻
- Short press for pause/play
- When a call is coming, short press to answer
- During call conversation, short press to hang off
- When a call is coming, double click to refuse the call

2. 3. Volume control buttons − +
- Short press 2 to turn up and long press to next track.
- Short press 3 to turn down and long press to previous track.
- Press and hold 2 & 3 together for 2 seconds to disconnect the current pairing (under Bluetooth connection mode).
- Press and hold 2 & 3 together for 5 seconds to default setting (under Bluetooth pairing mode).



Noise cancellation function NC
- Click 4 for NC on and indicator is green
- Click 4 for NC off and indicator is off

PORTS DESCRIPTION



Charging LED Indicators:
- During charging, red LED is ON
- When charging is finished, green LED is on
- When battery is low, red LED flashes slowly

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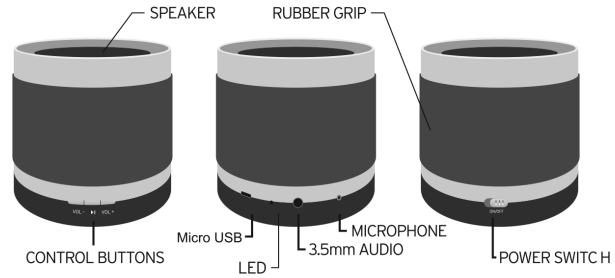
Pairing Instructions - Speaker

Pairing the Bluetooth™ Speaker

ROVERBEATS T3



LED INDICATION

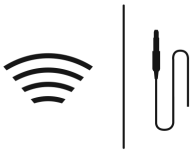
- Paired with Bluetooth - Slow blue flash
- Ready to pair with Bluetooth - Blue/Green flash
- Low battery - Green flash
- Charging - Red glow

PACKAGE CONTENTS

- RoverBeats T3 by Etekcity

CONNECTIVITY

Bluetooth - wireless audio
3.5mm AUX stereo - wired audio
USB - charging



CONNECTING

VIA BLUETOOTH

On an iPhone, iPod, or iPad:
Go to Settings > General > Bluetooth, and enable Bluetooth.
On a Blackberry:
Go to Settings/Options > Bluetooth, and enable Bluetooth.

CONNECTING
VIA BLUETOOTH

When the speaker is turned on with no 3.5mm cable plugged in, it will enter Bluetooth pairing mode and the status LED will flash blue and green. If the light flashes blue only, restart the speaker.

On your Bluetooth-capable device (i.e., smartphone or tablet), enable Bluetooth and scan for available devices. The RoverBeats T3 will appear as simply "T3." After selecting the speaker, your device will pair with the speaker and the status LED will slowly flash blue if paired successfully. (If a passcode is required, enter "0000")

CONNECTING
VIA BLUETOOTH

Once paired, you can control music playback in the following ways:
- Press the play/pause button to pause and resume media playback.
- Press and hold the volume buttons to adjust the playback volume.

The speaker will store the devices that have been paired with it. It will enter Bluetooth mode and pair automatically when a remembered device is in range. If no stored device is in range, the speaker will enter pairing mode and search devices nearby.

If you have any trouble connecting to the speaker, please check the instructions for your device regarding Bluetooth connectivity.

TROUBLESHOOTING

HEARING DISTORTION
- Lower the volume on your Roverbeats T3

- Do not leave plugged in at all times.
- If a buzzing or fuzzy sound is heard, unplug the USB cord.

NOT LOUD ENOUGH
- Turn up the volume on your phone/device or your Roverbeats T3.

- Plug the Roverbeats T3 in to your phone/device via 3.5mm stereo cable.

TROUBLESHOOTING

UNABLE TO PAIR WITH BLUETOOTH DEVICE
- Confirm that your phone/device is Bluetooth compatible.
- Follow CONNECTING instructions in this guide (page 9).

EXPERIENCING SIGNAL LOSS OR DROPOUTS
- Move Roverbeats T3 closer to your phone/device.
- Make sure it's charged up.
- Turn off your Roverbeats T3 and phone/device, then power up and reconnect.

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General Trouble Shooting

a) If SkyCurrent™ 30 charging pad does not light does not turn on, unplug adapter from wall, wait 10 seconds and plug back into AC (mains) power outlet
b) If Qi-enable smart devices do not charge align them to designated Qi-alignment marks on SkyCurrent™ 30 charging pad
c) If SkyCurrent™ AirFuel MR enabled devices do not charge, pull off SkyCurrent™ 30 charging pad and then replace on charging pad
d) If headphones (PRU) does not charge, make sure that the earpiece with the PowerSphyr sticker is showing, and the earpiece with the logo only (lightning bolt) is face down on the SkyCurrent™ charging pad
e) If LED light does not illuminate, pull off the pad, and replace on pad
f) If speaker does not produce sound, make sure it is paired with your Bluetooth™ device and then place back on the charging pad
g) If the transmitter gets warm, please ensure the PRUs are inside the effective charge area. This is approximately 1 cm or .5" inside the gray charge surface. Please note: production transmitters effective charge area is the entire gray charging pad.
h) Because the PRUs are demonstrator prototypes and do not contain a battery, they will continue to charge indefinitely and may get a little warm during extensive use. This normal. Simply give the PRU a break now and then and place again later.

Specifications:

- Compatibility: Any Qi, AirFuel or PowerSphyr enabled receiving device

Approximate Dimensions:

- Length: 273mm
- Width: 149mm
- Height: 25mm

Approximate Weight:

- Unit and charging cable: 3lb
- Shipment: 4.2lb

Specifications:

- Charge your own Qi enabled device or one of three provided AirFuel enabled devices
- Reference design for dual-mode phone sleeve

Compatible with iPhone 7 & 8; and Samsung Galaxy S9

Multiple Wireless Charging Proof Points:

- LED light bulb
- Bluetooth™ Enabled Personal Headphones
- Bluetooth™ Enabled Speaker
- Apple and Samsung Qi-enabled smart phones
- Any Qi-enabled consumer electronic

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These evaluation kits, including charging pads and consumer devices, have been built and modified by PowerSphyr, Inc. These evaluation kits are prototype units. Not for resale and not FCC Certified.

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