

TAP

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OPERATION MANUAL

SPECIFICATIONS:

Tap™ Keyboard & Mouse (Large/Small Size):

Communication method: Bluetooth Low Energy 4.2

Position tracking principle: Laser sensor

Frequency: RF 2.4GHz (Bluetooth)

Battery: 3.7V 45mAh 0.167WH (built-in rechargeable Li-ion battery)

Battery life: Up to 8 hours of usage

Transmission distance: 32ft (10m) max line of sight

Vibration feedback

Dimensions: L size: 1.22x1.3x8.38 in (31x33x213 mm); S size: 1.22x1.18x8.3 in (31x30x211 mm)

Weight: Approx. 0.53 oz (15g)

Operating temperature: 23° F (-5° C) to 104° F (40° C)

Portable Charging Case:

Battery: 3.7V 370mAh 1.37WH (built-in rechargeable Li-ion battery)

Battery life: Up to 64 hours of usage

Charge voltage: 5V DC 0.2A (via mUSB terminal)

Dimensions: 1.49x1.8x6.5 in (38.0x45.8x165.1 mm)

Weight: Approx. 3.7 oz (105g)

Operating temperature: 32° F (0° C) to 104° F (40° C)

TAP LED STATUS INDICATORS

LED status light	LED indicator meaning
Blinking blue	Not paired / Charging the internal battery
Breathing blue	Tap is paired
No light	Tap is powered off
Solid blue	Tap is receiving software update and is not available for use

TAP VIBRATION INDICATORS

Operation Mode	Vibration indicator
Mouse mode	Vibrates on right click, left click and scroll up/down
Keyboard shortcuts	Vibrates on each typing
Non-characters (shift & switch)	Vibrates on each typing

To check the Tap battery level, follow the vibration indication once Tap is powered on. Here's what the vibrations mean:

- 3 vibrations: high charge

- 2 vibrations: 50% charge
- 1 vibration: low charge

PORTABLE CHARGING CASE LED STATUS INDICATORS

LED status light	USB cable is connected / disconnected	LED indicator meaning
Breathing blue / red	Connected	Charging the case internal battery (red light means low battery)
Solid blue	Connected / disconnected	Charging the Tap battery
No light	Connected	Case battery is fully charged
No light	Disconnected	Device is off

To check the battery charge, press the power button and look at the status light. Here's what the lights mean:

- 3 blue blinks: high charge
- 2 blue blinks: 50% charge
- 1 red blink: low charge (less than one Tap full charge remains)

COMPATIBILITY

- Android Lollipop 5.0 or later
- iOS 9 or later
- Windows® 8.1 operating systems and above
- Mac OS X versions Yosemite or later
- Bluetooth® Low Energy 4.0 and above

COMMON TROUBLESHOOTING STEPS

1. If Tap does not turn on:
 - a. Verify that the Tap battery is charged.
 - b. Turn Tap on by pressing briefly on the on-off button. Do not hold the button down.
2. If you are having trouble pairing Tap:
 - a. Verify that your device is compatible with the system requirements (see "Compatibility" section, above).
 - b. Verify that Tap is not currently paired with another device.
 - c. Test the Tap on another device or computer.
 - d. Take the following steps in sequence: Turn Bluetooth off; turn Tap off; turn

Bluetooth on; then turn Tap on and try to pair again.

3. If the mouse is not working properly:

Verify that you are not using the mouse on a very dark or transparent surface.

The Tap mouse uses a laser which may not work well on very dark surfaces or on transparent surfaces.

4. If Tap is not working properly:

Verify that you are within range of your personal computer or mobile phone. The product can normally be operated within about a 32ft (10 m) radius around a personal computer / mobile phone. Depending on the usage environment, sometimes the usable distance may be significantly shorter, interfering with normal operation. In such a case, take the following measures:

- a. Use the product as far away from other wireless devices as possible.
- b. Use the product closer to the personal computer / mobile device.

5. If condensed moisture is seen on the inside of the mouse:

If the product is brought directly from a cold to a warm location or is placed in a very damp room, moisture may condense on the inside of the mouse. If this occurs, the mouse may not work properly. Please wait for about 30 minutes for the moisture to evaporate, and for proper operation to resume.

NOTE If your product is not working properly and your troubleshooting is unsuccessful, switch off your device and contact TAP technical support at www.tapwithus.com. Additional answers to your product and technical questions can be found at www.tapwithus.com/FAQ

SAFETY AND USAGE GUIDELINES

Tap is an electrical appliance and safety precautions should always be followed to reduce the risk of burns, fire, electric shock or injury, including the following precautions:

1. Do not disassemble the product.
2. Do not expose the product to liquid, humidity, moisture, or temperatures outside its specified operating range of 23° F (-5° C) to 104° F (40° C). (If your product is exposed to out-of-range temperatures, switch it off and allow the temperature to return to the normal operating range before turning it back on.)
3. Use the product only for its intended use as described in this document.
4. Never operate the product if it has a damaged cord, plug, cable or housing.
5. Do not place the product on a wet surface or drop it into water or other liquids.
6. Do not place or store the product where it can fall or be pulled into a tub or sink.
7. Use only a certified USB power adapter (not included).

8. Do not place or store the product:
 - On an unstable surface
 - In a very humid location or where there is no ventilation
 - In an area subject to excess dust
 - In an area that is extremely cold
9. The Tap device includes a laser mouse. The laser beam (which is invisible to the human eye, but emitted from the bottom of the mouse) should never be pointed at anyone's eyes.

CAUTION -- BATTERY SAFETY INFORMATION

The lithium rechargeable battery used in the product's charging device may present a risk of fire or chemical burn if mishandled. Misusing or incorrectly using the battery or the charging device can result in severe or permanent damage to the battery and the Tap product, cause serious personal injury, including electric shock, and lead to fire.

There is a danger of explosion if the lithium rechargeable battery is incorrectly replaced. Replace only with the same or equivalent type of battery. Discard used batteries according to manufacturer's instructions.

DO NOT

1. Dismantle, open, shred or incinerate the battery.
2. Expose the battery to heat above 60°C (140°F), or to fire. Avoid storage in direct sunlight.
3. Short-circuit the battery.
4. Subject the battery to mechanical shock.
5. Leave a battery on prolonged charge when not in use.

DO

1. Keep the battery out of the reach of children.
2. Keep the battery clean and dry.

DISPOSAL AND RECYCLING INFORMATION

For disposal and recycling of your TAP product, please contact your local recycling authority. For any questions related to this, please contact our support team at support@tapwithus.com

**FCC RADIATION EXPOSURE STATEMENT**

This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This product 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 causes 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

MODIFICATIONS

Modifications not expressly approved by Tap may void the user's authority to operate the device under FCC regulations and must not be made. This device and its antenna(s) must not be co-located or operated with other antenna or transmitter except grant condition.

FCC DECLARATION OF CONFORMITY COMPLIANCE STATEMENT

FCC ID: 2AOHF-TPS

This product complies with Part 15 of the FCC Rules. Operation is subject to 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. As defined in Section 2.909 of the FCC Rules, the responsible party for this device is: Tap Systems Inc.

NOTE The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications void your warranty and authority to operate the equipment.

CLASS 1 LASER SAFETY STATEMENT

This product complies with international Laser Products Safety standard IEC/EN 60825-1: 2001-08, a CLASS 1 LASER PRODUCT and also complies with 21 CFR 1040.10 and 1040.11 except for deviation pursuant to Laser Notice No. 50 dated 7/2001:

CLASS 1 LASER PRODUCT

1. Emission of a parallel beam of infrared user-invisible light
2. Maximum power of 12,000 microwatts CW, wavelength range 850 nanometers
3. Operating temperate between 23° F (-5° C) to 104° F (40° C).

While the Class 1 laser in this product is safe under normal use, the laser beam (which is invisible to the human eye, but emitted from the bottom of the mouse) should never be pointed at anyone's eyes.

CAUTION This device has no serviceable parts. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



EU (EUROPEAN UNION)

This product has been confirmed to comply with European Radio Equipment Directive (RED) 2014/53/EU



INFORMATION FOR EU MEMBER STATES ONLY

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service, or the shop where you purchased the product.

CANADA INDUSTRY (IC) STATEMENT

IC : 23476-TPS

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ONE-YEAR LIMITED EQUIPMENT WARRANTY

We accept product returns within 30 days of purchase, and offer a 1-year limited warranty. For complete details, please visit our Returns and Warranty pages at www.tapwithus.com.

CUSTOMER SERVICE WEB CONTACT

www.tapwithus.com/contact-us

Contact Tap Systems Inc. Consumer Relations at support@tapwithus.com

Microsoft and Windows are registered trademarks of Microsoft Corporation

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CHANGES TO THESE TERMS

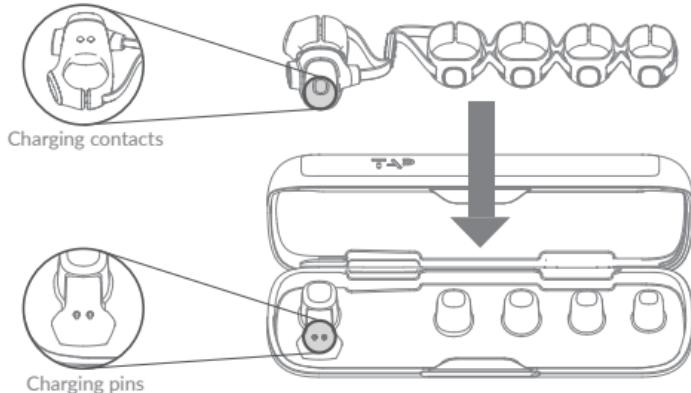
We reserve the right to update, change or replace any of the terms contained in this document or in other TAP® documentation by posting updates and/or changes to our website, www.tapwithus.com. It is your responsibility to check our website from time to time for any updates or changes, as they are binding on you.

Ver-A01

CHARGING YOUR TAP

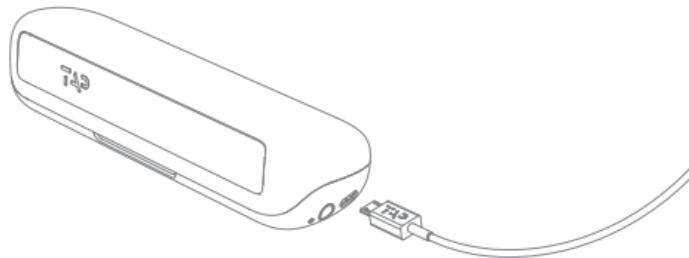
1. To charge your Tap, place inside the case. Align the rings so that the magnets on the holders contact the rings.
2. Close the case lid.
3. Press the on/off button on the case to start charging.

The Tap LED indicator will breathe while the Tap is charging until it is complete. The case LED indicator will be on while the Tap is charging.



RECHARGING YOUR PORTABLE CHARGING CASE

Use the included USB charging cable to connect the case to any certified plug with a USB port or to your computer. You can charge your case with or without your Tap inside.



CHECKING YOUR CASE BATTERY LEVEL

There is one LED next to the power button. A short press will cause the LED to illuminate briefly to indicate the power level - 3 blue blinks mean high charge, 2 blue blinks mean 50% charge and 1 red blink mean low charge (i.e. less than one Tap full charge remains). When recharging, the case LED indicator will breathe until charging is complete.