TPCAST

User Guide on installation of TPCAST Wireless Adaptor for Oculus

CONTENTS

⚠ TPCAST Wireless Adaptor for Oculus and portable power bank will get warm in the normal usage, if the partial temperature reached 120 F, please stop using, in order to avoid burning people or other hazards.

⚠ Because there is no cable effect, you should pay attention to the safety of game area during using TPCAST Wireless Adaptor for Oculus, to ensure that will not touch to the surrounding objects, or take the experience under the care of others.

Please read the user guide prior to operating of the product. Update the soft copy of user guide on a regular basis to improve the accuracy and completeness. Please visit the website of www.tpcastvr.com to get the up-to-date version.

TPCAST customer service: 18884662479

1. CLIENT SOFTWARE INSTALLATION

1. Download the software client

Visit the website of TPCAST which is www.tpcastvr.com and log in, browse the page of TPCAST wireless adaptor for Oculus, click to download the connection assistant for Oculus. The current version of client is compatible with Windows 7, Windows 8 or later version, Windows 10.

www.tpcastvr.com/support-oculus

Click here to download TPCAST wireless adapter installation software version

2. Install the connection assistant software

1) Double click the icon to run the downloaded .exe file for installation. If already installed any other versions of the client, please uninstall and restart the PC according to the prompt.
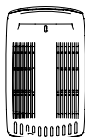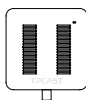
TPCAST Oculus Setup.exe

2) Following the system instructions, select the installation path and finish the client installation. A shortcut icon of the connection assistant will be generated on the desktop.
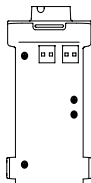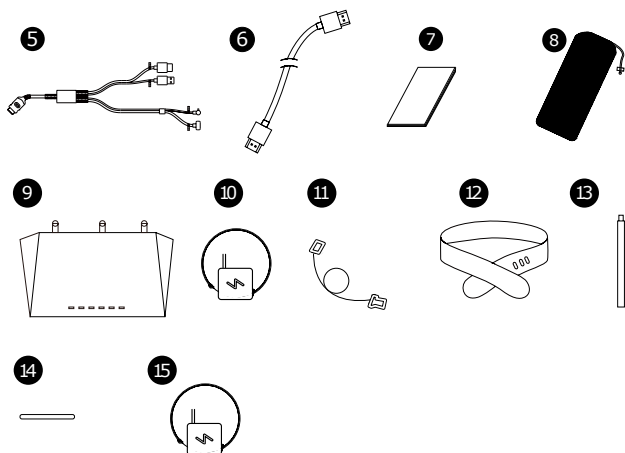
## 2. WHAT'S IN THE BOX

❶   ❷   ❸   ❹

① HMD receiver
② PC transmitter
③ Power box
④ Portable Power bank of 20100mAh
⑤ Dedicated cable for long distance connection
⑥ HDMI cable
⑦ Instructions and warranty card

⑧ Nylon bag
⑨ Router
⑩ Router power supply
⑪ Network cable
⑫ Belt
⑬ PC transmitter Rod
⑭ PC transmitter Chassis
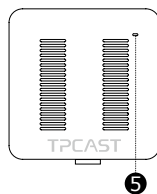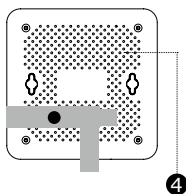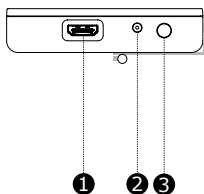⑮ PC transmitter power supply

3. COMPONENTS DESCRIPTION

1. HMD receiver
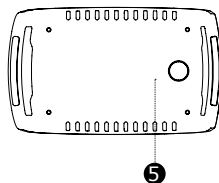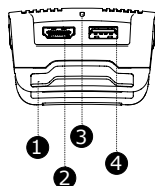
① HMD strap and cable port
② HDMI short connection port
③ Indicator for video signal connection
④ USB port
⑤ Video link pairing button

2. PC transmitter

① HDMI connection port
② DCIN power port
③ Video link pairing button
④ Port for fixing the platform
⑤ Indicator for video signal connection

3. Power Box
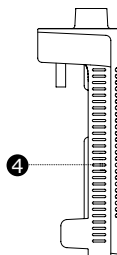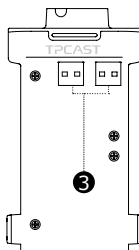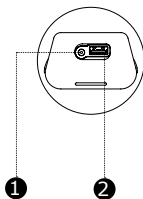
① DCIN power port for dedicated long distance connection cable
② USB port for dedicated long distance connection cable
③ Battery connector, USB port
④ Indicator light

4. Portable power bank
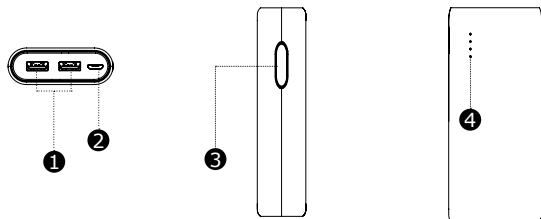
① USB power output port
② Micro USB charging port
③ Battery indicator button
④ Battery indicator

5. Router
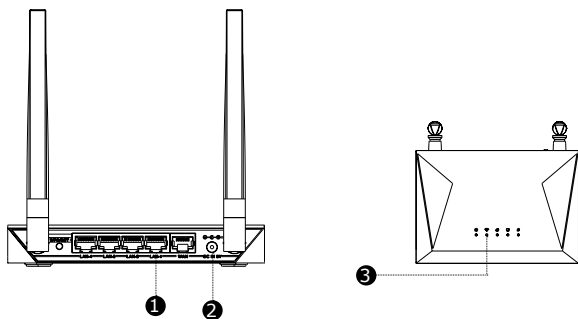
① Network cable port
② Router power adaptor port
③ Status light for the router

6. Cable

Dedicated cable for long distance connection
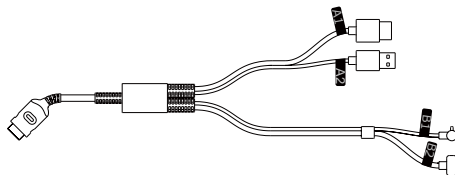
7. HDMI cable
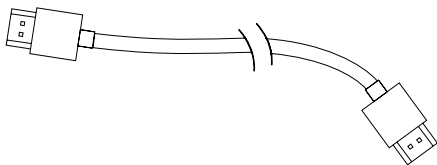
4. CONNECTION INSTRUCTIONS

1. PC transmitter connection instructions

Step one: Screw the support rod onto the chassis, and then screw the PC transmitter onto the support rod.
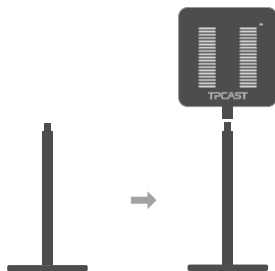
Step two: Plug the PC transmitter power adaptor DC plug into the DCIN interface. Insert one end of the HDMI cable into the PC transmitter's HDMI port and the other end into the PC's

HDMI port.
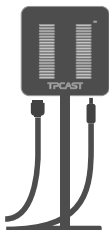
Adjust the location and angle of the PC transmitter to face the gaming area.

2.Connecting the HMD receiver

Step one: Referring to the angles shown in the illustration, remove the helmet's foam bracket, unplug the cables, and take out from the head strap.
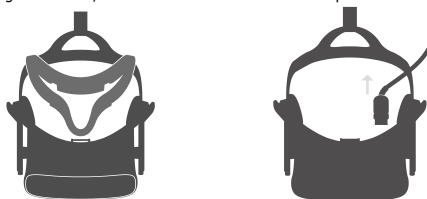
Step two: As shown in the illustration, thread the HMD strap through the tail end of the helmet's receiver and out from the front end marked with the letters "TPCAST". Then, pass it through the helmet's wire hole and secure it.
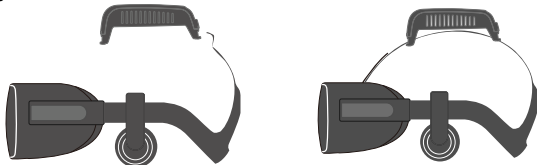
Step three: Insert the connectors of the dedicated long connection cable marked with the Oculus logo into the interfaces on the helmet. Insert connectors A1 and A2 into the corresponding interfaces on the helmet receiver.
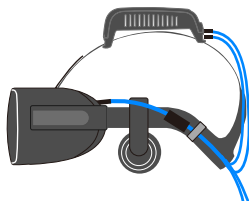
Step four: Straighten out the cable and reattach the foam bracket. Adjust the strap length to fit the user and ensure the cable connections are secure.

3. Power box connection instructions

Step one: As shown in the figure, insert connectors B1 and B2 of the dedicated long connection cable into the power supply and HDMI ports on the power box respectively.

Step two: As shown in the figure, plug in the battery to the power box. The blue battery light on the battery turns on to indicate the remaining level. To improve the utilization rate of battery capacity, please only connect to the portable power bank before operation of the product. After the operation, remove the portable power bank.

Step three: Put the installed battery and the power box in a portable pack and string the pack to ensure the power box, does not fall during motion.
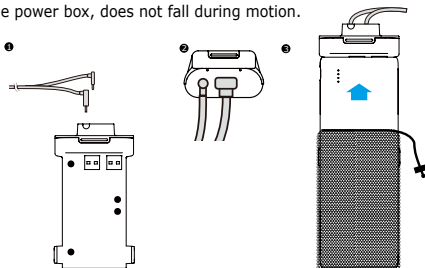
4. Router connection instructions

Step one: Connect the router power adaptor and confirm power indicator on the front of panel is on.

Step two: Connect the yellow (LAN) port of router to the PC host through network cable, as

shown in the figure.

Step three: In PC's network connection Settings of Windows system, select "Local connection" to connect the router of wireless adaptor, change the connection of TCP/IP Settings to automatically obtain IP address and DNS server address.

Note: Use the router as is, DO NOT modify the router's settings.DO NOT restore the factory default settings. To optimize the user experience, it is recommended to place the router in an open location without obstacles, with a 90-degree antenna. Avoid putting the router under a desk, behind a computer case, or in any other enclosure environment.

LAN Port

WAN Port
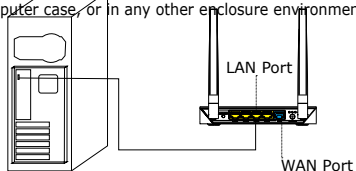
5. OPERATION INSTRUCTIONS

1. Connection verification

Verify that the TPCAST wireless adaptor connections are secure and tight including:
o The HMD receiver
o The PC transmitter
o The power box
o The portable power bank
o The router
Make sure that the battery is fully charged.

2. Set up PC transmitter

Set up the PC transmitter on the desktop and facing the game area, ensure there is no obstruction between PC transmitter and HMD receiver

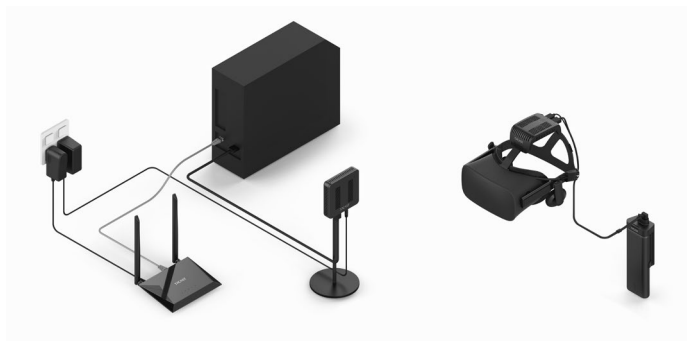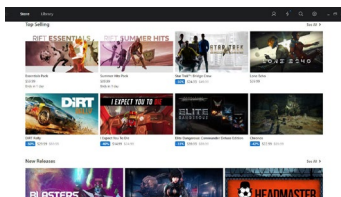## 3. Run wireless adaptor connection assistant

Double-click the PC desktop client icon, then click "Start" after the client started. It will automatically test the environment of wireless adaptor working in turn. When wireless connection starts, please start Oculus home software.

4. Enjoy wireless VR

In normal operation of the wireless adaptor, the indicators of both transmitter and receiver will change from fast blinking to normal light mode. The HMD display and control should function normally.

6. SAFETY PRECAUTIONS

Safety: The TPCAST wireless adaptor for Head-Mounted Display (HMD) has no cable attached, and it provides full motion and freedom. Please pay attention to security and safety in the play area during gaming, and take care to not run into objects. Alternatively, you can play under the supervision of another person.

Cable: To prevent damage to the cables it is suggested not to pull the cable to fetch the devices. If there is a need to unplug the cables, pull lightly from the connector.
Heat rejection: The wireless adaptor generates heat during normal operation, and the temperature may rise. If abnormal temperature occurs, stop activity immediately and contact TPCAST customer support.

Battery safety: The portable power bank as included in the adaptor package is power supply dedicated for this product, you must not replace with any non-TPCAST portable power bank, and any PC transmitter damage caused accordingly will waive the warranty of the adaptor.
In order to mitigate the risk of fire hazard or combustion hazard, please do not disassemble, squeeze the portable power bank and shall not expose the power supply to environment exceeding 60℃ ,or toss into the fire or water.

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Children use: Children are not allowed to use this product. Please keep this product in appropriate locations beyond the reach of children, and do not grant access to children. If elder children are allowed to use this product, please do proceed under the close watch of adults.

Recharging: The battery can be recharged with a regular cellular phone charger, and a charger of 2A is recommended to reduce the charging period. 9~12 hours will be needed to complete a single full charge. A charger of the capacity of more than 2.4A shall not be used for recharging.

Service and maintenance: The adaptor is non-waterproof; therefore, attention should be paid to adequately protect it, including a blower, air duct, etc. should not be used to dry the product in the case it gets wet as the product may get damaged.

• Do not drop or disassemble the adaptor, as it can cause an electrical shock or fire.
• Operate and maintain the product in an environment of 14 to 104 degrees Fahrenheit.
• Use the product as directed only and do not connect to any incompatible products.
• Refer to the local regulations on disposal of electronic waste for proper waste management.
• Avoid inserting small objects into the products through the vent openings.
• Do not clean this product with any irritating chemical, detergent, liquid soap or aerosol.

Status of indicator/lamp

Indicator	Location	Color	Status	Description
Video signal connection indicator	HMD receiver	Green	Off	Power off or system standby
			Slow blinking	To be paired
			Fast blinking	Successfully paired with the transmitter
			Normal light	Video in transmission
Video signal connection indicator	PC transmitter	Green	Off	Power off or system standby
			Slow blinking	To be paired
			Fast blinking	Successfully paired with the transmitter
			Normal light	Video in transmission
Power box lamp	Power box	Red	Off	Power off
			Blinking/ normal light	System in normal operation
Battery charge lamp	Portable power bank	Blue	Normal light	Each stands for 25% charge