K3C

AC 1900 Smart Wi-Fi Router

Quick Installation Guide

A quick look

Power button — ⏻
USB 3.0 port —
WAN (Internet) port —
LAN ports 1-3
Reset button
Power port
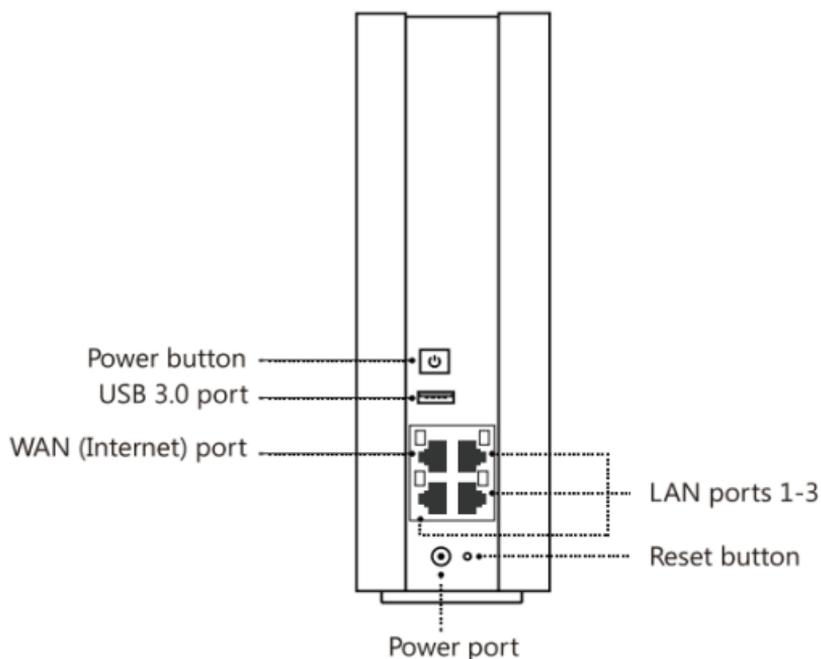
Power button	Press to power on/off the router.
USB 3.0 port	Insert USB devices as external storage.
WAN port	Insert a RJ-45 cable to establish Internet connection.
LAN ports 1-3	Insert RJ-45 cables to establish LAN connection.
Power port	Insert AC adapter connector for power supply.
Reset button	Press and hold the button for at least 5 seconds until the LED at the bottom edge of the front panel blinks rapidly.

Connecting the devices
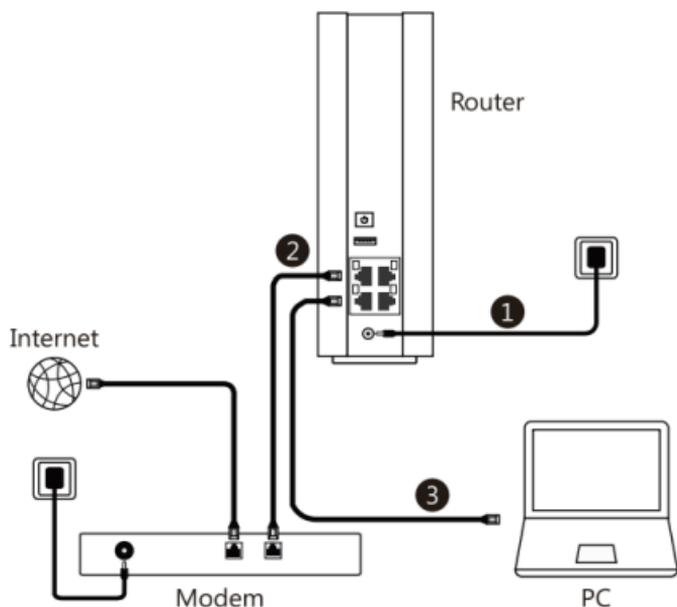
❶   Connect the power adapter into an electrical outlet, connect the other end to the router, and turn on the router.

❷   Connect your modem to the WAN port on the router using a RJ-45 cable.

ⓘ   •   Make sure your modem has proper Internet connection.
        •   If you have a wired Ethernet connection to the Internet instead of a modem, connect the RJ-45 cable directly to the WAN port on the router, then continue with the following instructions to

complete the router setup.

3 Connect your computer to the LAN port on your router with a RJ-45 cable.

If you are using a wireless device, turn on WLAN and connect to **@PHICOMM_XX** or **@PHICOMM_XX_5G** (XX represents the last two digits of the router's MAC address).

LED Diagnostics
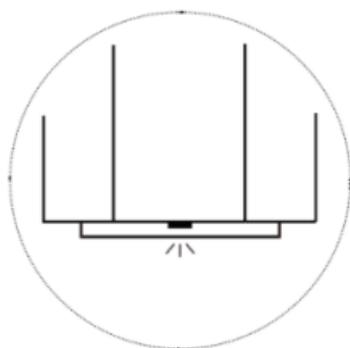
You can use the LED indicator located at the bottom edge of the front panel to diagnose the connectivity status of your router.

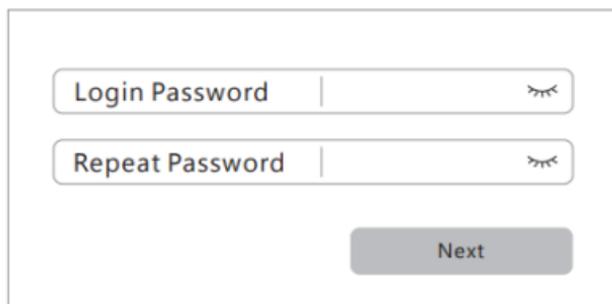| LED behavior		WLAN	WAN	Internet
Blue	Solid	√	√	√
	Blinking	√	√	×
Yellow	Solid	√	×	×
	Blinking	×	×	×
Red	Solid	×	√	√
	Blinking	×	√	×

- The LED indicator is solid red when the router is initializing.
- The LED indicator blinks red rapidly when the reset button is pressed and held at for at least 5 seconds.

Configuring router via web browser

1. On your web browser, enter *p.to* or *192.168.2.1* and click **Start Setup** to run the setup wizard.

2. Create a password for your router and click **Next**.

3. Select your time zone and click **Next**.

| Region | Europe | ⌄ |
| Time Zone | GMT+01:00 Berlin... | ⌄ |

Next

4. Specify your Internet connection type, enter the relevant account information as required and click **Next**. Contact your Internet Service Provider (ISP) if you are not sure about this step.

Connection Type	PPPoE	⌄
Username	
Password	⌦

Next

5. Set SSID and password for your wireless network or use the default settings. Click **Save** to complete the setup.

2.4 GHz

SSID	PHICOMM_2.4G	˅

Password		👁

5 GHz

SSID	PHICOMM_5G	˅

Password		👁

Previous   Save

Configuring router via PhiWiFi

To manage your home network with your smartphone, scan the barcode below to download the PhiWiFi app from Apple App Store or Google Play.

CE Mark Warning

CE This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Operating Frequency
2.4G: 2402 - 2482 MHz / 5G: 5150 - 5250 MHz

Maximum Transmit Power
2.4G: 20 dBm / 5G: 23 dBm

This device may be operated in all EU countries (and other countries following the EU directive RED 2014/53/EU) for home and office use. The band 5150 - 5250 MHz is restricted to indoor-only operation.

RF Exposure Information
This device meets the EU requirements (RED 2014/53/EU) on the limitation of exposure of the general electromagnetic fields by way of health protection.
The device complies with RF specifications when the device used at a distance of 20 cm from your body.

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Important Health Information and Safety Precautions
When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.
Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.
To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment observe the following precautions.

SAFETY PRECAUTIONS FOR PROPER INSTALLATION
CAUTION: Connecting to an inappropriate charger can result in an electric shock to your device.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT
Use the correct power source

This product can only be connected to the power adapter provided by Phicomm (Shanghai) Co., Ltd. Phicomm (Shanghai) Co., Ltd. is not liable for any device breakdown or safety accident arising from unauthorized power source.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. The device is designed to be operated in temperatures between 0°C and 40°C. Low- or high- temperature conditions might cause the device to temporarily stop working properly. Do not leave the product in a vehicle or in places where the temperature may exceed 70°C (window sill or behind glass). Avoid dramatic changes in temperature or humidity when using the device as condensation may form on or within the device. When you are using the device, it is normal for the device to get warm. The exterior of the device functions as a cooling surface that transfers heat from inside the unit to the cooler air outside.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERE

In any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling areas such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as dust, or metal powders.

SAFETY PRECAUTIONS FOR RF EXPOSURE

· Avoid using your device near metal structures (e. g. the steel frame of a building).
· Avoid using the device near strong electromagnetic sources, such

- as microwave ovens, sound speakers, TV and radio.
· Use only original manufacturer-approved accessories.
· Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS
This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics. If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy.

HEARING AID DEVICES
Some devices may interfere with some hearing aid devices. In the event of such interference, you may want to consult your service provider, or call customer service helpline for alternatives.

NON-IONIZING RADIATION
Your device has external antennas. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. Users are advised that for satisfactory operation of the equipment and for their own safety, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.
Use only the supplied antennas. Use of unauthorized or modified antennas may impair transfer quality and damage the device, causing loss of performance and SAR levels exceeding the recommended limits as well as result in noncompliance with local regulatory requirements in your country.
To assure optimal device performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antennas may impair quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the device is in use optimizes the antenna performance.

GENERAL PRECAUTIONS
AVOID APPLYING EXCESSIVE PRESSURE TO THE DEVICE
Do not apply excessive pressure on the device to prevent damage.

DEVICE IS GETTING WARM AFTER PROLONGED USE
This device may get warm after prolonged usage. In most cases this condition is normal and therefore should not be interpreted as a problem with the device.

HEED SERVICE MARKING
Except as explained in the user manual, do not repair any product yourself. Service needed on components inside the device should be done by an authorized service outlet or provider.
Phicomm (Shanghai) Co., Ltd. is entitled to use new or reconditioned replacements parts or boards for repairs under warranty, provided they have the same functionality as the parts to be replaced.

DAMAGES REQUIRING SERVICE
Under the following conditions, unplug the device from electrical outlet and contact an authorized service center or provider:
·   Liquid has been spilled or an object has fallen onto the device.
·   The product has been exposed to rain or water.
·   There are noticeable signs of overheating.
·   The product does not operate normally when you follow operating instructions.

AVOID HOT AREAS
The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that generates heat.

AVOID WET AREAS
Never use the product in a wet location.

AVOID USING YOUR DEVICE AFTER A DRAMATIC CHANGE IN TEMPERATURE
Condensation may form on or within the device when it is shifted between environments with very different temperate and /or humidity range. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.
NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

AVOID PUSHING OBJECTS INTO THE DEVICE
Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

MOUNTING ACCESSORIES
Do not use the product on an unstable table, cart, tripod or bracket. Any mounting of the product should follow the manufacturer's instructions,

and should use a mounting accessory recommended by the manufacturer.

USE PRODUCT WITH APPROVED EQUIPMENT
This product should be used only with personal computers and options identified as suitable for use with your equipment.

CLEANING
Unplug the device from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. NEVER use water to clean the device. The device has been provided with special treatments featuring that it can dispose dirt and sweat on its surface. The device itself does not have a stain-resistant function. In case of smudginess and dyeing, wipe it with clean damp sponge immediately and always keep the device dry.

PACEMAKER

The device may cause disturbance to pacemakers. Please keep the device at a distance of at least 5 centimeters away from pacemakers. If you need detailed information about other active implantable medical devices, please consult your doctor to ensure the magnetic interference of such active medical devices.

CAUTION: Update your operating system with caution
Improper operation or unforeseen external factors may cause an operating system update fails leading to device not functioning properly. If such a situation occurs, you need to send the unit for repair. An unofficial operating system can cause security risks. Please install only official updates provided by Phicomm (Shanghai) Co., Ltd., if not you will void the warranty and a repair is chargeable.

Hereby, Phicomm (Shanghai) Co., Ltd. declares that the radio equipment type K3C is in compliance with the RED Directive 2014/53/EU. The full of the EU declaration of conformity is available at the following internet address:

www.phicomm.de