innbox

ISKRATEL

GPON Home Gateway

Innbox G74
Quick Start Guide

Table of Contents

1   Safety Precautions

Congratulations for purchasing the Innbox G74 home gateway!

To ensure the optimum performance of the device without damaging the equipment or endangering yourself and other users, please make sure to follow all safety precautions.

|	
ℹ️	Please read the installation instructions in the User Manual thoroughly before you set up the device.
⚠️	The device is designed for indoor use. The unit should be used in a sheltered area, within a temperature range from +5 °C to +40 °C.
⚠️	Do not expose the device to direct sunlight or other heat sources. The housing and electronic components may be damaged by direct sunlight or heat sources.
⚡	Avoid using the device in dusty or damp places and places where there is a risk of explosion.
⚡	Do not expose the device to humidity (e.g. in a bathroom). Risk of electric shock!
⚠️	Performance may be degraded if the device is located close to sources of electromagnetic interference (such as a microwave oven or audio/video equipment).
⚠️	Do not try to open or repair the device yourself. This an electronic device that may only be repaired by authorised and qualified personnel.
⚡	Only use the power adapter that comes with the package. Using a different power adapter may damage this device. Risk of electric shock!
⚠️	Place the device on a stable surface or mount it on the wall.
⚡	Disconnect the power adapter before moving the device. Risk of electric shock!
⚠️	Do not put the cables where people can stumble or fall over them.
⚠️	Keep the package out of reach of children.

ISKRATEL

2   Description of the Innbox G74

2.1   Top View

The top of the Innbox G74 home gateway is equipped with several light indicators that provide you with the status of the device.
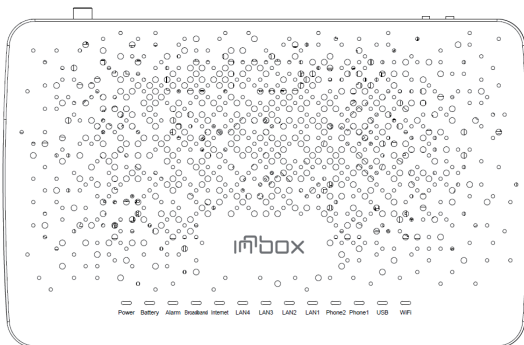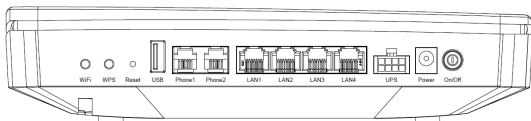

Indicator	Colour	Significance
Power	Green	**On** – The device is powered on and operational. **Off** – The device is powered off or the power supply is defected.
Battery (optional)	Green	**On** – The device is running on battery power. **Off** – The device is running on AC power.
Alarm	Red	**On** – The device failed to receive any optical signal or the signal strength is too low to detect. **Blinking** – The received power of the received optical signal is low. **Off** – The connection is established and working properly.
Broadband	Green	**On** – Broadband line is connected, physical connectivity is established. **Blinking** - Data are transmitted normally. **Off** – Broadband line is disconnected.
Internet	Green	**On** – GPON connection is established and working properly. **Blinking** – GPON connection failed to establish. **Off** – The device failed to receive any optical signal or the signal strength is too low to detect.
LAN1, LAN2, LAN3, LAN4	Green	**On** – The connected device is switched on and ready to communicate. **Blinking** – Data are transferred between the devices. **Off** – No devices are connected, or they are switched off.

Phone1, Phone2	Green	**On** – External phone is connected and the service is ready for use.
		Blinking – Phone service is in use.
		Off – External phone is not connected or the service is disabled.
USB	Green	**On** – The USB device is connected and recognised.
		Blinking – Data transfer activity is in progress.
		Off – No USB device is connected.
Wi-Fi	Green	**On** – Wireless connectivity on the home gateway is enabled.
		Blinking – Wireless connectivity is in use.
		Off – Wireless connectivity on the home gateway is disabled.

2.2   Back View

The back of the Innbox G74 home gateway is equipped with connectors and switches that allow you to connect your device.

Item	Purpose
Wi-Fi	Button to enable or disable the Wi-Fi.
WPS	Button to enable or disable the WPS.
Reset	Button to reset the configuration to factory defaults. When pressed, the light indicators briefly go off and on again and the home gateway is reset. Factory defaults are only valid for the time the device is running; if you want to preserve them, save the configuration.
USB	USB port to connect USB devices.
Phone1, Phone2	Two ports to connect analogue phones.
LAN1, LAN2, LAN3, LAN4	Four Ethernet ports to connect data devices (such as a computer) or video devices (such as a set-top box).
UPS	Connector for external uninterruptible power supply (UPS), i.e. an external battery.
Power	Connector for power supply via the provided power-supply adapter.
On/Off	Button to switch the home gateway on or off. The home gateway is switched on when the button is pressed in.

ISKRA**TEL**

2.3   Bottom View

The bottom of the Innbox G74 home gateway is equipped with an optical GPON connector that allows you to connect your device.
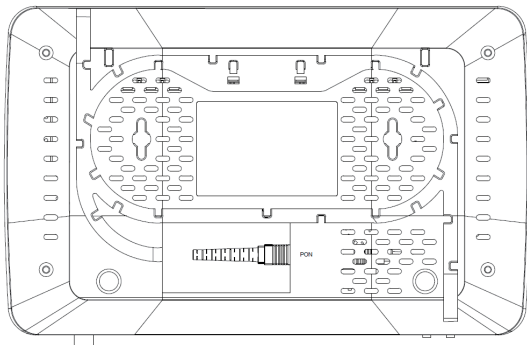
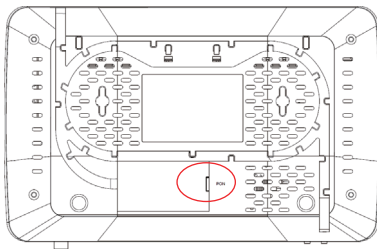| Item	Purpose
PON	Optical interface to connect the device to the internet

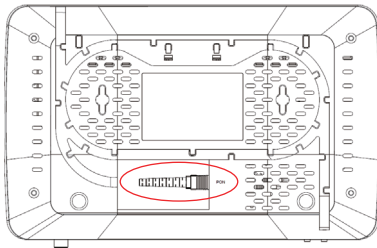# 3   Connecting to the Internet and Powering on

What you need:
- The Innbox G74 home gateway (included in the package);
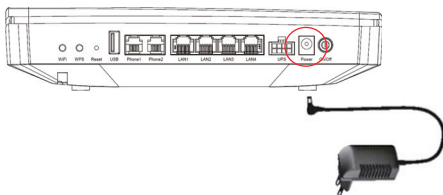- The power-supply adapter (included in the package).

Steps to follow:
1. Remove the protective cap from the GPON optical port at the bottom of the device.

2. Connect the GPON optical connector to the GPON port on the device.

ISKRATEL

3. Plug the DC jack of the power-supply adapter to the POWER port on the device, and the other end
    to your electricity power outlet.

4. Use the ON/OFF button to switch the home gateway on or off. The device is switched on when the
    button is pressed in.
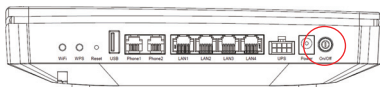
When you switch the home gateway on, pay attention to the light indicators. It takes about 30 seconds
for the Innbox G74 home gateway to boot up; the INTERNET and BROADBAND light indicators should
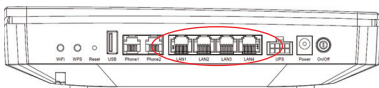be on uninterruptedly.

4   Connecting Your Devices

4.1   Connecting a Computer

What you need:
* The Innbox G74 home gateway (included in the package);
* An Ethernet RJ-45 UTP cable (included in the package);
* A personal computer or a similar device (not included in the package).

Steps to follow:
1. Plug one end of the Ethernet cable to one of the four ports on the home gateway (LAN1, 2, 3 or 4).

> ℹ️ The ports might be pre-configured for a specific service (data or video). If you obtain such information from your service provider, plug the computer to the designated port only.

2. Plug the other end of the Ethernet cable to the Ethernet port on your computer.

When the Innbox G74 home gateway is switched on and your computer connected, pay attention to the corresponding LAN light indicator. The light indicator should be on uninterruptedly or blinking.
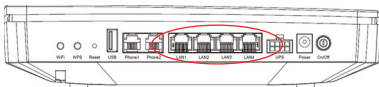
4.2   Connecting a Set-Top Box

What you need:
* The Innbox G74 home gateway (included in the package);
* An Ethernet RJ-45 UTP cable (included in the package);
* A set-top box (not included in the package).

Steps to follow:
1. Plug one end of the Ethernet cable to one of the four ports on the home gateway (LAN1, 2, 3 or 4).

ISKRATEL

> **i** The ports might be pre-configured for a specific service (data or video). If you obtain such information from your service provider, plug the set-top box to the designated port only.

2. Plug the other end of the Ethernet cable to the Ethernet port on your set-top box.

When the Innbox G74 home gateway is switched on and your set-top box connected, pay attention to the BROADBAND light indicator. The light indicator should be on uninterruptedly or blinking.

> **i** For instructions on how to connect or use your set-top box, please refer to the user documentation of your set-top box.

If you have properly connected the set-top box device to your TV set, you can start using the TV and video services immediately.

5 Setting up Internet Access on the Computer

Once you have powered on the Innbox G74 home gateway and connected the computer to it, you are ready to access the internet. The internet connection should be established automatically.

| i | Before you start using the internet, make sure that you have your PC set up to obtain the IP address automatically. This is done in the Local Area Connection properties or settings in your operating system. |

ISKRATEL
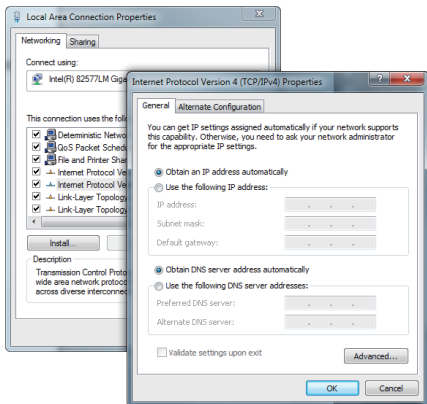
6   Web Management

The web management enables you to view or edit the settings of the Innbox G74 home gateway, or to configure the plethora of supported functions.

6.1   Accessing the Web Management

What you need:

* Make sure that the Innbox G74 home gateway is powered on and connected as described above;
* Make sure that your computer is connected to the Innbox G74 and configured as described above;
* The IP address of the home gateway – the default address is 192.168.1.1;
* Login information – the default username is "user" and the default password is "user".
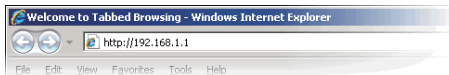

> **i**   The actual login information could differ from the above. Please check the label on the bottom of the device or consult your service provider.

Steps to follow:

1.   Start an internet browser on your computer;
2.   In the address bar, type "http://192.168.1.1" and hit Enter;

3.   Once prompted for them, enter your login credentials (the username and password).
4.   Enjoy the vast configuration options that your Innbox G74 device offers.

6.2   Getting around the Web Management

The user interface of web management is simple and intuitive.

Left frame (navigation tree) lists the home gateway functions that you can change. The function names act as hyperlinks: when you click a link, the corresponding configuration page is displayed in the right frame.

Right frame (display area) displays a configuration page for the selected function.

7 FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to FCC Title 47 CFR Part 15. 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.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with FCC Title 47 CFR Part 15 Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with FCC Title 47 CFR Part 15 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.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

8   IC Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s) documentation. Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de license contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de license. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

———— (END OF DOCUMENT) ————

*ISKRA***TEL**

Document issued by

ISKRATEL

Iskratel, d. o. o., Kranj

Ljubljanska cesta 24a
SI 4000 Kranj, Slovenia

T +386 4 207 20 00
F +386 4 207 27 12

info@iskratel.si
www.iskratel.com

ISKRATEL