

# D-Link®

## myPocket HSDPA Router

DIR-457

User Manual



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# Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes.

## Manual Revisions

Revision	Date	Description
1.0	October 27, 2009	• First Draft.

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# Table of Contents

**Preface..... i**

    Manual Revisions ..... i

    Trademarks..... i

    Package Contents..... 1

    Product Setup ..... 2

        Hardware Setup ..... 2

        Power Management..... 3

        Connection Setup ..... 4

    Hardware Overview ..... 5

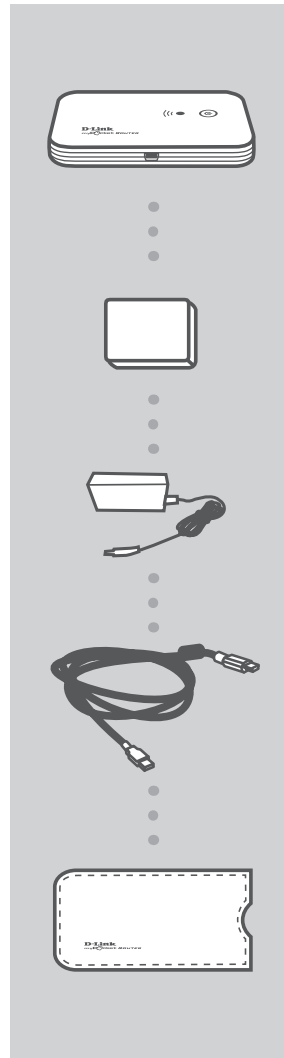
        Connections..... 5

        Top View..... 6

**Technical Specifications..... 7**



# Package Contents



myPocket 3.5G HSPDA Router  
DIR-457

battery

USB power adapter  
5V 1A

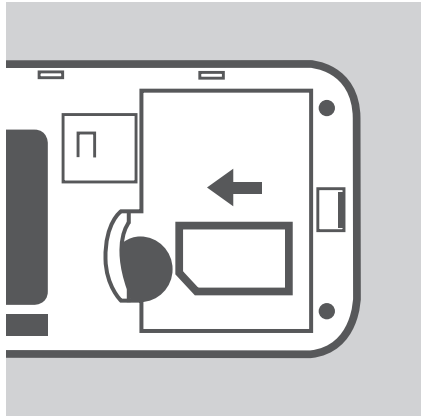
USB power cable

travel case

If any of these items are missing from your packaging, contact your reseller.

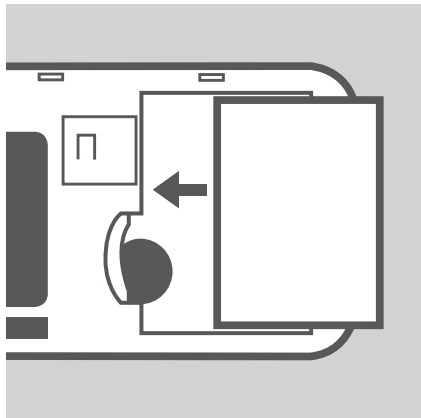
# Product Setup

## Hardware Setup



### INSTALL THE SIM CARD

Open the SIM card and battery compartment, located on the bottom of the device. Insert the SIM card by lining up the contact points on the SIM card with the contact points in the



### INSTALL THE BATTERY

Insert the battery by lining up the contact points on the battery with the contact points in the battery compartment. The included battery lasts up to four hours.

**Note:** The battery is required to power the DIR-457 myPocket Router in either WiFi router or USB modem mode.

## Power Management



### CHARGING WITH THE POWER ADAPTER

To charge the battery insert the end of the power adapter cable into the Micro-USB port of the DIR-457 myPocket Router and the power adapter into a wall socket. While charging, the Power/3G network LED will flash. When battery power is low, the LED will flash red.



### CHARGING WITH THE USB CABLE

To charge the battery insert the USB cable into the Micro-USB port of the DIR-457 myPocket Router and the other end into a free USB port of your computer. While charging, the Power/3G network LED will flash. When battery power is low, the LED will flash red.

**Note:** Charging the battery via a USB port is slower than charging it using the power adapter.



# Connection Setup

## USB MODEM MODE/CONNECTION MANAGER MODE

1. Move the router/modem selection switch to USB modem mode.
2. Connect the DIR-457 myPocket Router to your computer with the included USB cable. To do this, insert the USB cable into the Micro-USB port of the DIR-457 myPocket Router and the other end into a free USB port of your computer.
3. Press the power button on the DIR-457.
4. The Connection Manager software will automatically start up.
5. Configure your router/modem settings using the Connection Manager.
6. You can now use the DIR-457 myPocket Router as a USB modem.

**Note:** You have to install the Connection Manager software when using the DIR-457 for the first time. After successful installation, you can configure USB modem and WiFi router basic settings. Only USB modem mode serves as Connection Manager mode.

## WIFI ROUTER MODE

1. Move the router/modem selection switch to WiFi router mode.
2. Press the power button on the DIR-457.
3. You can now use the DIR-457 myPocket Router as a wireless access point and connect to the router with any WiFi capable devices.



# Hardware Overview

## Connections

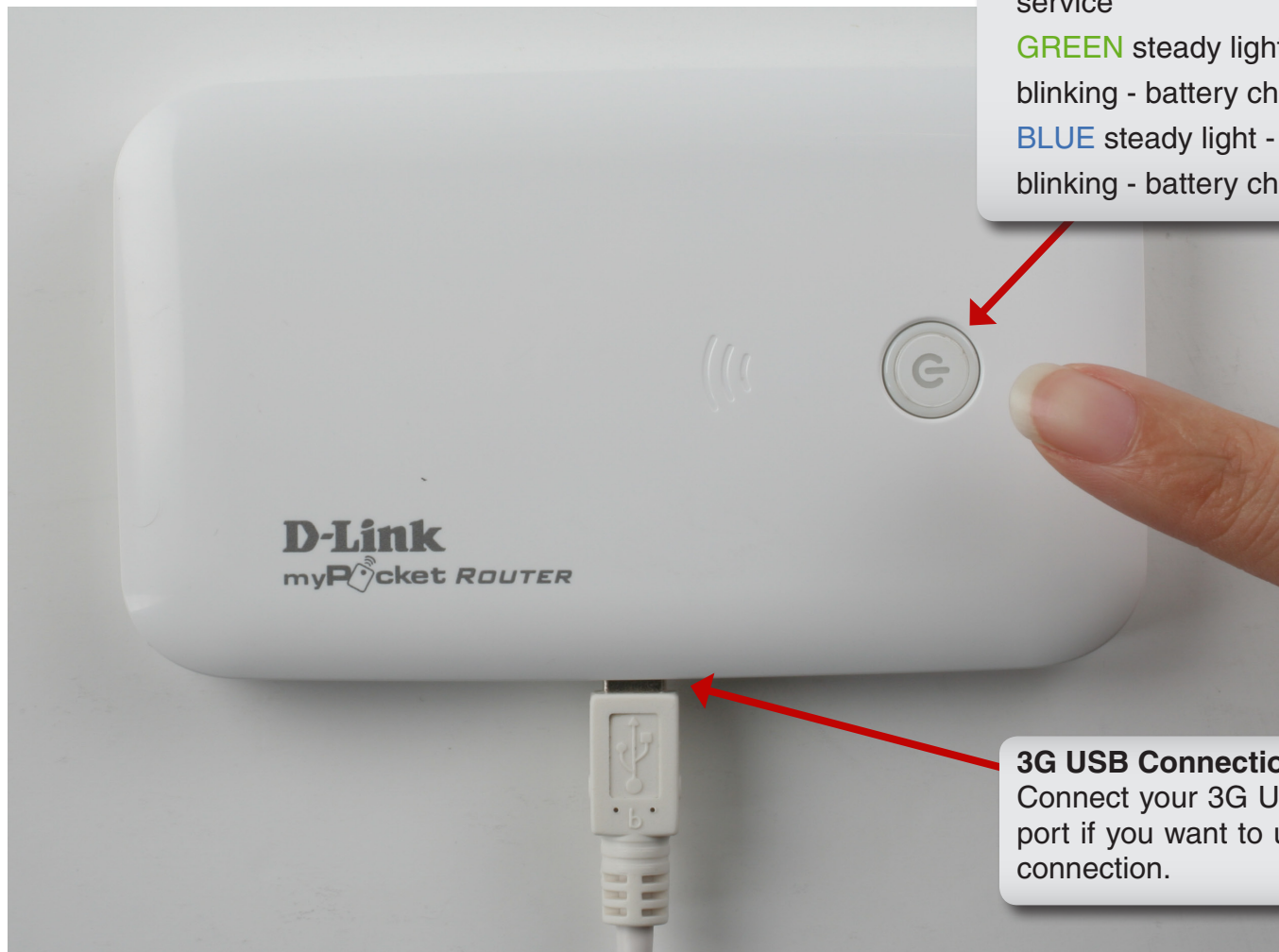


**Power Receptor**

USB receptor for the supplied power adapter and power cable.

# Hardware Overview

## Top View



### Power button / LED

**RED** steady light - Low battery  
blinking - SIM card error / no network service  
**GREEN** steady light - 2G network  
blinking - battery charged  
**BLUE** steady light - 3G network  
blinking - battery charged

### 3G USB Connection

Connect your 3G USB dongle to this port if you want to use a 3G Internet connection.

# Technical Specifications

## Standards

- IEEE 802.11b/g
- IEEE 802.3
- IEEE 802.3u

## Security

- WEP (64/128 bit)
- WPA-PSK/WPA2-PSK
- WPS (PIN/PBC)

## Wireless Signal Rates\*

- 54Mbps      • 48Mbps
- 36Mbps      • 24Mbps
- 18Mbps      • 12Mbps
- 11Mbps      • 9Mbps
- 6Mbps       • 5.5Mbps
- 2Mbps

## Frequency Range

- 2.4GHz to 2.483GHz

## Transmitter Output Power

- 802.11b (17dBm) • 802.11g (14dBm)

## HSPDA Module

- GSM Power (Class 4 - +33dBm for 850/900 bands  
(Class 1 - +30dBm for 1800/1900 bands)
- EDGE Power (Class E2)
- Dimension (50.95 x 30 x 4.5mm)
- Antenna (2 Internal Antenna)
- Throughput (DL up to 3.6 Mbps UL up to 384Kbps)

## LEDs

- Power      • Signal

## Power Adapter

- DC 5V/1A

## Power Consumption

- 2.5 Watts

## Battery

- Voltage (3.7V)
- Capacity (1330mAh)
- Dimension (52mm x 37mm x 6.7mm)

## SIM Card Slot

- Push-Push

## Operating Temperature

- 32°F to 113°F (0°C to 50°C)

## Operating Humidity

- 10%-90% non-condensing

## Safety & Emissions

- FCC Class B
- CE Class B

## Dimensions

- 110mm x 65mm x 13.6mm

## Weight

- 104.8g

## Warranty

- 1 Year Limited

\* Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

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**CE Mark Warning:**

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.

**FCC Statement:**

This equipment 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 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 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.

For detailed warranty information applicable to products purchased outside the United States, please contact the corresponding local D-Link office.

**FCC Caution:**

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

This device complies with Part 15 of the FCC 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.

**IMPORTANT NOTE:****FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.