WF43
Wireless. POS. PDA

Quick Start Guide

WF43 w/ MSR

WF43 w/ Barcode Scanner

Declaration
- This document is published by Widefly Limited without any warranty.
- Improvements and changes to this document necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made by Widefly Limited any time and without notice.   Such changes will, however, be incorporated into new editions of this Guide.

FCC Statement

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.

Changes or modifications not expressly approved by the party responsible for the compliance could void the users' authority to operate the equipment.

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 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.

SAR Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user 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.

The mobile device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These

requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.15 W/kg.

IC Statement

This device complies with Industry Canada license-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.

This Class 【B】 digital apparatus complies with Canadian ICES-003.

Cet appareil s'accorde avec Industrie Canada licence-exempte RSS standard.
(1) cet appareil ne peut pas causer l'intervention, et (2) cet appareil doit accepter de l'intervention, y compris l'intervention qui peut causer l'opération non désirée de.

Cet appareil numérique de la classe B est conforme à la norme
NMB-003 du Canada.

Cet appareil a été certifié conforme à la réglementation gouvernementale en matière d'exposition aux ondes radio. Lors d'une communication par le réseau sans fil, ce mobile émet par le biais des radiofréquence de faibles niveaux d'énergie radio. Le Taux d'absorption spécifique, TAS, est la quantité d'énergie RF absorbée par le corps

lors de l'utilisation du appareil. Il est exprimé en watts/kilogramme (W/kg). De nombreux gouvernements ont adopté des consignes de sécurité internationales complètes développées par des organes scientifiques, tels que l'ICNIRP (International Commission on Non-Ionizing Radiation Protection) et l'IEEE (Institute of Electrical and Electronics Engineers Inc.). Ces études scientifiques ont été soumises à des

évaluations périodiques et approfondies. Ces consignes définissent les niveaux d'exposition aux ondes radios tolérés pour l'ensemble de la population. Les tests SAR ont été menés d'après des méthodes standard avec une transmission fonctionnant au niveau de puissance certifié le plus élevé sur toutes les bandes de fréquence employées. Ces données SAR concernent les résidents de tous les pays qui ont adopté la limite de SAR recommandée par l'ICNIRP on Non-Ionizing Radiation Protection), notamment l'Union européenne, le Japon, le Brésil et la Nouvelle- Zélande. La limite préconisée par l'ICNIRP est de 2.0 W/kg sur une moyenne de 10 g de matière.

Important safety information

Please read this carefully before using WF43 POS PDA.

- Always treat the product with care and keep it in a clean and dust-free place.
- Do not expose the unit to moisture or humidity.
- Do not expose the unit to extreme high or low temperatures.
- Do not attempt to disassemble the unit
- Use only the power adaptors, charging cradle and batteries approved by Widefly Limited.   The use of any other type may invalidate any approval and warranty.
- The socket outlet for the power adaptor shall be installed near the equipment and shall be easily accessible.
- No reverse polarity charging with other power adaptors/chargers, they may have inverse polarity.
- Never use the power adaptor/chargers if the plug is damaged.
- Never touch the charger/power adaptor if your hands/feet are wet.
- Do not expose the charger/power adaptor to water, it may cause electrical fires.
- Do not repair the charger/power adaptor by yourself for your safety.
- To reduce the risk of fire and burns, do not disassemble, crush or puncture the battery.
- Dispose of used batteries according to the instructions.
- Do not dispose of the battery in fire or water.
- Do not let the metal contacts on the battery touch

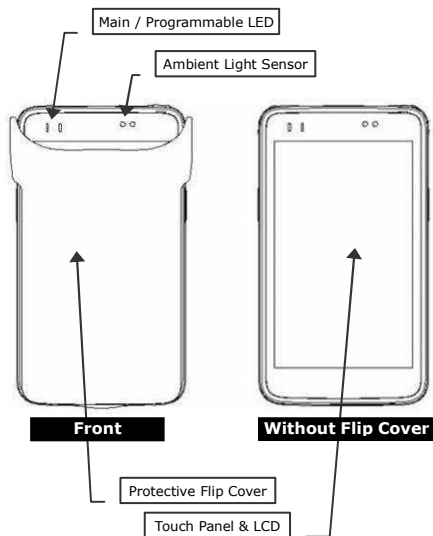other metal object.   It could lead to short-circuit and damage the battery.
- Only approved batteries, chargers/power adaptors that are designed for the model can be used with the unit.
- Risk of explosion if battery is replaced by an incorrect type.
- Do not exchange with wrong model battery.   It may cause explosion.   Please dispose battery following instruction.
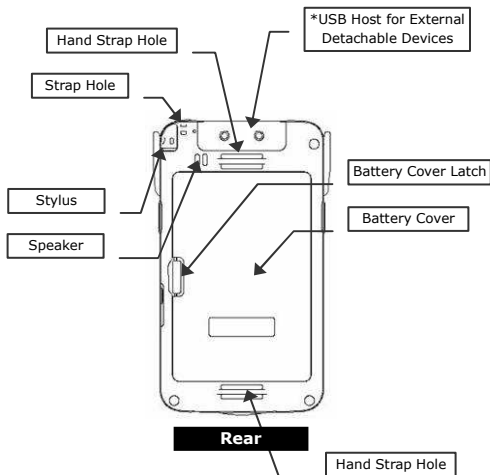
Table of Contents

1.   Overview

1.1. WF43 Overview

Main / Programmable LED

Ambient Light Sensor

Front   **Without Flip Cover**

Protective Flip Cover

Touch Panel & LCD

Hand Strap Hole

*USB Host for External Detachable Devices

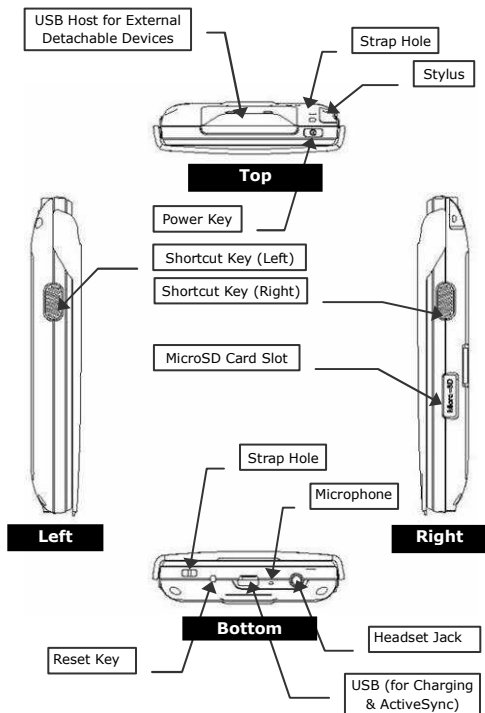Strap Hole

Stylus

Speaker

Battery Cover Latch

Battery Cover

Rear

Hand Strap Hole

*For example: MSR (Magstripe Card Reader), Laser Barcode Scanner, RFID Reader.   The USB host is **NOT** designed for data communication between PC.
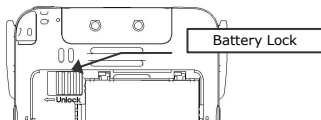
USB Host for External Detachable Devices

Strap Hole

Stylus

Top

Power Key

Shortcut Key (Left)

Shortcut Key (Right)

MicroSD Card Slot

Strap Hole

Microphone

Left

Right

Bottom

Reset Key

Headset Jack

USB (for Charging & ActiveSync)

1.2. Inserting and Removing Battery

Inserting Battery
- Align the battery metal contacts with the contacts inside the battery compartment.
- Press the battery downwards until it fits the battery compartment.   Push the battery until it is locked automatically

Removing Battery
- Turn off the PDA by press-and-holding the power key for 2 seconds.   Press "OK" on the "Power off" dialog box. (Please refer to 2.1 Turn ON/OFF)
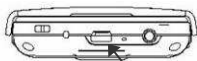- Open the battery cover.   Push the battery lock to the left and hold it.

Battery Lock

- Gently lift the battery by pulling the strap attached to the battery top position.

P.4

1.3. Charging Battery

The battery can be charged by the following:

■ Plug in the USB power adaptor to PDA's bottom USB socket.

USB Socket

■ WF43 Charging Cradle

Plug in the PDA on the cradle

Charge the battery standalone

Note: the USB terminal was loaded with 5V⎓(DC), 100mA during normal condition.

- WF43 USB Power Adaptor:
  Manufacturer: Shenzhen Wanhaitong Electronic tech LTD
  Model: WHT0052000CN
  Input: 100-240V(AC) 50/60Hz
  Ouput: 5V⎓(DC) 2A

  Note: The socket outlet shall be installed near the equipment and shall be easily accessible

1.4. LED Light Status

The main LED has different status:
- Amber flash – charging in process
- Green – battery fully charged
- Red flash – battery low
- Red – battery very low
- Blue flash quickly – Wi-Fi searching
- Blue flash slowly – Wi-Fi connected
- Blue flash like breathing – Wi-Fi in sleep mode
- Off –Wi-Fi disconnected or the unit is off

1.5. System Info

Start > Settings > System Info, page "S/N" & "Version" retrieve important info, for example, PDA S/N, ROM version

Note: S/N and ROM version info could also be seen when PDA is booting up.

1.6. Product Info & Label

To see the product info label as well as certification info, open the battery cover.

Manufacturer: Widefly Ltd.
Product Name: POS PDA
Model No.: WF43
Input: 5V$=$(DC), 500mA
Rating: 3.7V 2670mAh

2.   Getting Started

2.1. Turn ON/OFF

<u>Turn ON</u>
- Press and hold the power key for 1 second.
- When green LED is shown, the unit is ready to boot up to the Windows Mobile operating system.
- When red LED is seen, battery level is very low and is insufficient to boot up the unit. A warning screen will be displayed below.   To restore to the minimum required power, charge the unit for 10 to 15 minutes.

Turn OFF

- Press and hold the power key for 2 second.
- Press "OK" on the "Power off" dialog box.

2.2. System Sleep Mode & Wakeup

System Sleep Mode (Power Saving)
To enter Sleep Mode when the screen is ON
- Press power key or
- Put the unit upside down for 5 seconds and enable auto screen off.   (Please refer to 3.3 G-Sensor)

Note: "Sleep Mode" is a unique power saving feature innovated by Widefly.   This mode enables exceptionally low power consumption like power off status while the Wi-Fi connection could still be kept.   This mode empowers "Always-on Wi-Fi" even the system is in deep sleep status.

System Wakeup
To wakeup the system from "sleep mode", simply press power key.
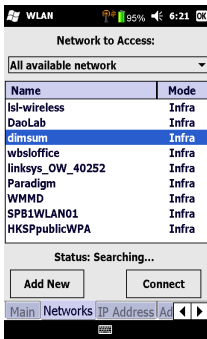
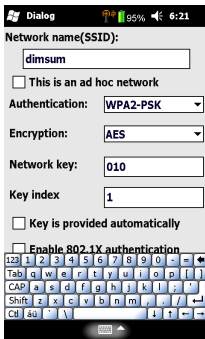## 2.3. Wi-Fi Basic Settings

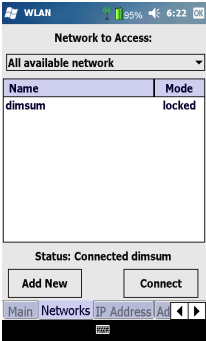1. Tap the Wi-Fi icon to open Wi-Fi setting
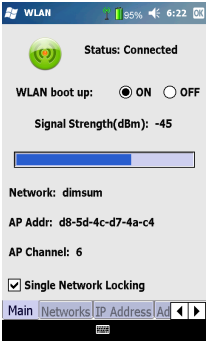

2. Tap "Networks" page

3. Double tap the network name (SSID)
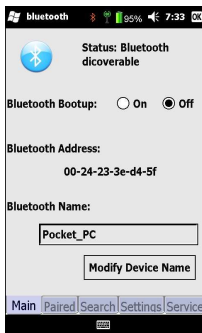

4. Enter network key and security info

5. Network connected
and locked

6. Main page shows
network connection info

Note: At the "Advance" page, there is an option "Area Channel" controlling Wi-Fi channel range by country, e.g. North America 1-11. This option is locked at driver according to the local restrictions and shipping destinations. For example, WF43 units shipped to U.S. is locked to North America option and for Japan, it is locked to Japan option. Thus, North America unit will be restricted to channel 1-11.

2.1. Bluetooth Basic Settings

1. Goto Start > Settings > Bluetooth, press the button to start Bluetooth

2. To pair with a Bluetooth device, press "Search Device" and start pairing.

Note: The software drivers of Wi-Fi and Bluetooth have been fine tuned to co-operate to each other such that data communication originated from Wi-Fi and Bluetooth could be synchronized without mutual interference.

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