

# Moblie Appearance picture

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Manufacturer:Mobiwire

Manufacturer trademark: vodafone

Model: VFD 120, VFD 121

## Technical Specifications

**Weight: 80g(with battery)**

**Size: 119.4\*49.95\*11.75mm**

**Battery: 4.2 Li-on**

**For the network: 2G : 850/900/1800/1900Mhz**

**3G: 900/2100 Mhz**

**Battery refer to the following table:**

<b>Battery Type</b>	<b>Battery Capacity</b>	<b>Talk time</b>	<b>Standby time</b>
<b>Li-battery</b>	<b>1000mAh</b>	<b>4hours</b>	<b>200hours</b>

**Battery Manufacturer: Veken**

**Battery model: 178100170, 5C-1000**

**Adapter: A31A-050055U-EU1**

**Adapter: S003ATB0500055**

**Adapter: S003ATS0500055**

**Earphone: JWEP0944-M01R**

**USB cable: AM MICRO5P**

**Hardware Version: V01**

**Software Version: UP253\_M2414F**

**Operating Frequency Band (RF):**

**GSM 850: 824.0–849.0 MHz (TX), 869.0–894.0 MHz(RX)**

**EGSM900:880.0–915.0MHz(TX), 925.0–960.0MHz(RX)**

**DCS 1800: 1710.0–1785.0MHz (TX), 1805.0–1880.0 MHz(RX)**

**PCS 1900: 1850.0–1910.0MHz (TX), 1930.0–1990.0MHz (RX)**

**WCDMA B1: 1920.0–1980.0MHz (TX), 2110.0–2170.0MHz (RX)**

**WCDMA B8: 880.0-915.0 MHz (TX), 925.0-960.0 MHz (RX)**

**Bluetooth: 2402-2480MHz (TX/RX)**

**WIFI :2412-2462M (TX/RX)**

**GPS :1575.42M(RX)**

**FM:65-108MHz**

**Max. Of Transmit power:**

**GSM850: PCL = 5, PWR = 30.5dbm ± 0.5 dBm(1up,1down for gprs test)**

GSM900: PCL = 5, PWR = 30.5dbm  $\pm$  0.5 dBm(1up,1down for gprs test)  
 DCS1800: PCL = 0, PWR = 30.5dbm  $\pm$  0.5 dBm(1up,1down for gprs test)  
 PCS1900: PCL = 0, PWR = 30.5dbm  $\pm$  0.5 dBm(1up,1down for gprs test)  
 WCDMA2100: PWR = 22.0  $\pm$  0.5 dBm  
 WCDMA900: PWR = 22.0  $\pm$  0.5 dBm  
 Bluetooth: 5dBm  $\pm$  1 dBm (Basic Rate)  
 BLE: -3 dBm  $\pm$  1 dBm (BLE)  
 Wi-Fi:  
 802.11 b: 11.5  $\pm$  1dBm;  
 802.11 g: 11.5  $\pm$  1dBm;  
 802.11 n(20): 11.5  $\pm$  1dBm;  
 GPS: no TX

**Notice:**

The actual condition for mobile phones using has the relation to the network of the local environmental conditions, SIM card and the way using.

**Warning:**

For the consequences result by violating the following recommendations or using mobile phones In accurately, the manufacturers has no responsibility.

Explain: If relate to the upgrades, without notice. The Company has the right for the final interpretation of this statement.

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# Foreword

Honorific mobile phones user, thank you for choosing our mobile phone!

Our cellular phones is according with the communication industry standards of PRC, and also according with the standards of European, and are approved for GSM networks.

Your phone may be used internationally with various networks depending on your roaming arrangements with your service provider.

To use this phone you must subscribe to a GSM service from a provider. We have included many features in this device but their function depends on the features available with your subscribed wireless network. Please contact your service provider for more information.

We strongly recommend you carefully read and understand this manual before using your phone in order to keep it under best conditions for your effective usage and utmost satisfaction.

## **Safety**

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited.

Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than -10°C and higher than +55°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain

removable parts may be accidentally ingested).

#### Electrical safety

Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

#### Aircraft safety

When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs. Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

#### Explosive materials

Please comply with warning signs at petrol station when personnel asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

#### Electronic equipment

To avoid the risk of demagnetization, do not let electronic devices close to your phone for a long time.

#### Electronic medical equipment

Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the manufacturers of such equipment will be able to give you any advice you may need in this area.

#### Hospitals

Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

#### Road safety

Do not use your phone when driving. In order to give your full

attention to driving, stop and park safely before making a call. You must comply with any current legislation.

#### Distance of operation

This phone model has been tested and meets radiofrequency exposure guidelines when used

As follows:

- Against the ear: place or receive a phone call and hold the phone as you would a wire line telephone.
- Body worn: when transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 1cm from your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 1 cm from your body,
- Data operation: when using a data feature, position the phone a minimum of 1cm from your body for the whole duration of the data transmission.

#### Environmentally friendly disposal



Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

# 1. Quick start

## Keypad Explain

Key	Function description
Left softkey	Enter the settings menu
Right softkey	In home screen, Long press the key enter recent app, other screens, back to home screen.
Green key	Answer the incoming call, and in the home screen, press the key enter the call history direct.
Red key	Reject the incoming call, and in the home screen, short press screen off, long press to power off.
Navigation key	Up/Down/Left/Right move the high light
Center key	Confirm the select to enter function
Number key	Input the corresponding character
*key	Dial pad input star character
# key	Press to input # character

## Install SIM card

This phone supports one GSM SIM cards. Find SIM card's groove in the back of the phone and slide it completely there. During installation, please make sure the chip is facing



downwards and pay attention to slot direction.

**Note:**

- 1. Keep SIM card out of children's touch.**
- 2. Any abrasion or folding could easily damage SIM card, so please be extremely careful when you insert, Remove and preserve it.**
- 3. Please make sure that you have cut off the power supply and have taken out battery before you remove SIM card.**

**Install T-flash card**

1. First switch off the phone and remove the battery.
2. Push the metal card holder toward the bottom of the phone and lift the released end of the holder.
3. Place the memory card into the holder with the metal contacts face down and push the holder until it locks into place.

**Note:**

- 1.To avoid damaging memory card, please do not plug memory card fast or frequently.**
- 2. Please regularly backup information in the cards on other equipment when you use Cards like T-flash! Improper use or other uncertain factors may cause the damage or loss to the content in the cards.**

**Installing Battery**

Align the battery chip with the metallic salient point in battery jar, insert the battery until it is inserted into the battery jar. Slide battery cover into back of the phone until it is locked.

**Battery Charging**

Unclose dustproof soft gum of attachment mode on the bottom of the phone, insert one end of the charger, i.e., the charging plug into attachment mode and the other end into electrical outlet, Screen will display the charging sign. After charging is finished, just pull out the plug.

**Note:**

- 1. Please use the standard battery and charger, or may explode.**

2. If the battery is completely discharged, the battery icon should be in charge after 2 to 3 minutes to appear. Generally based on the current state of the phone (if boot, call, etc.) of different charging time for 2 to 5 hours.

3. Please use the charger, charging as much as possible to avoid using USB cable.

4. To ensure optimal battery performance, the completion of two to three times the battery charge and discharge cycles. Several new battery initial charge, please charge more than 10 hours straight.

#### **Switching on**

Long press the **Red key** to switch your phone on

## 2. Call function

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### Dialing

#### 1. Direct dial

In standby mode, press the corresponding number keys to enter the phone number that you want to dial, including necessary area codes. Short Press the Right soft key [Clear] to delete one character, and Long Press delete all inputs, press the Green key to dial.

#### 2. Making an International Call:

To make an international call, long press [0] key until the prefix symbol "+" of international call displays in screen.

#### 3. Dialing from Phonebook

Enter the Phonebook via the menu, use the Up/Down Navigator keys to scroll to the desired contact, or press the first letter of the name of the desired contact as saved in your phonebook for quick access to names beginning with the letter then scroll to the desired, press the green key to dial.

#### 4. Dialing from Call history

Enter the Call center (press the Green key from standby or via the menu), use the Up/ Down navigation keys to scroll to the desired contact, press the green key to dial.

#### 5. Dial emergency service

You can directly dial the emergency service number without SIM card. Different networks use different urgency service numbers, so for details please inquire the network operation company.

### Receiving

When there is an incoming call, the phone will give corresponding alert, if your network supports caller ID, the screen will display caller's name or number (depending on whether there is information of the caller in your phonebook). Press the green key to answer the incoming call, and press the red key to reject the incoming call.

### 3. Menu functions

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#### **Contacts**

The Phone for your well-prepared high-capacity phone storage space. You can use the phone's contacts feature to save the contact name, number and caller ring-tone.

Enter the contacts screen, there have three labels on the screen, press the left/right navigation key to switch the label.

#### **Message**

Message service is a network dependent function, which allows you to send, receive and edit all kinds of messages. Please contact the network operator for more details.

Edit a new message, save or send it to the recipient.

#### **Note:**

**To send SMS, you need to set the correct SMS service center number which can be obtained from network provider.**

#### **Call history**

This phone can record all received, dialed and missed calls as well as their call time. Only when related function is supported by network and phone is switched on and in network service area, it can record the answered and missed calls. Call records may be accessed by pressing the Green key from standby.

In the call history list, press the left/right navigation key, switch to Display list of all /dialed/missed/received calls.

Once on the call records list, press the Green key to make a call; press the Center key to view the details of current call record.

#### **Email**

Your cell phone for your built-in E-mail function, you do not take any action anywhere to view internal documents, e-mail through the mobile network, approval, reply, forward, etc. operating

#### **Browser**

The Internet is the combination of wireless communicate -on and

Internet application platform that enables you to get rich by phone and ecommerce and other Internet information resources application.

**Note:**

- 1. Your ISP may not support some features, in order to ensure the normal operation of the browser, make sure your SIM card is supported and open Internet access.**
- 2. If you browse the web, you need to charge fees related to traffic.**

## **Settings**

Wireless& network: include SIM management, wifi, bluetooth, data usage etc. you can enter the corresponding menu to opera.

Device: include audio profiles, display, storage and battery, you can enter the corresponding menu to opera.

Personal: include location, security, language& input, backup& reset, you can enter the corresponding menu to opera.

Accounts: you can add personal account to use.

System: you can set the date and time, and set the scheduled power on&off.

## **Camera**

Your phone is fitted with camera allows you to take photos whenever possible. You can store the pictures in phone or customize the wallpaper.

Press the center key to take photo, press the left/right navigation key switch to video record.

## **Music**

Your music is organized into four categories: Artists, Albums, Songs, and Play lists. Select a category to view the lists within each. Once in a category, keep selecting until you reach the music you want to play.

## **FM radio**

FM radio is supported by the phone. You just pull the bottom of the

antenna and no need plug in your headphones to listen to FM Channel

**Note: Quality of radio subscription is possible influenced by environment like indoor or under shield. You can improve this situation as following: stand closer to the window, adjust the position of earphone line or adjust the channel manually**

## **Gallery**

You use Gallery to view pictures that you've taken with Camera, downloaded, or copied onto your SD card or USB storage; you can also view pictures in a Picasa web album. You can perform basic editing tasks on pictures and set them as your wallpaper or contact picture. You can also share your pictures with friends, via email or messaging, or by uploading them to the Picasa and YouTube web sites.

## **File manager**

In document management, you can open files in the Phone or Memory card, you can select file or folder to view.

This phone supports movable storage, i.e., the U-disk function. When the phone is switched on, you see the icon in the status bar on the top of the screen when its connected to a PC by a data line. Select [USB connected] and touch [Turn on USB storage] to confirm, you can use the phone as a U-disk.

## **Bluetooth**

The phone supports Bluetooth (BT) functions, you can establish a wireless connection between the phone with other compatible devices, and data transmission, you can establish a wireless connection between devices in the phone with a distance of up to 10 meters. Bluetooth connection may be interference by obstacles, such as walls or other electronic device.

1. Enter the setting menu, Touch the Bluetooth to open the function, idle screen will display BT icon in the status bar.
2. Open the BT discoverable, and other devices can search the phone.

3. Before using the phone as a Bluetooth device, you need to pair the phone with the target device as follows:

- Sure your phone has Bluetooth-enabled.

- Touch "Scan for devices." Bluetooth devices within the range of the phone will start scanning.

- Touch the device you want to pair, to confirm password to complete the pairing

You can use Bluetooth to share the pictures, videos or music files with family and friends

## **Calendar**

Choose to enter the calendar, the screen will display the system date on the calendar month, and have a background box marked the current date.

## **Alarm**

You can use the phone as alarm clock, this feature allows you to set time arrives, make the phone ring or vibrate to remind issue. When the alarm is turned on state, the alarm symbol is displayed in the top of the screen.

## **Calculator**

Into the calculator, the calculator interface:

Press 0 - 9 number keys to enter the number to be calculated, press the navigation key to select the location on the screen corresponding to add, subtract, multiply and divide symbols for computing.

## **SIM**

The phone supports value-added services provided by the SIM, different network operators to provide different types of services, and the menu is shown only if your SIM card supports. The name and contents of the menu depend on the available services. Ask your network availability, price, and information on the SIM card service operators Advisory.



## **4. Accessories**

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Use only batteries, chargers, and accessories approved by the manufacturer with this device. Use of any other types will invalidate the warranty and may be dangerous. Check with your dealer for



available accessories. You may opt to buy:

**Charger Plug, charger cable**

Charger plug used to connect with the charger cable for charging on wall outlets. Also you can use the charger cable to connect with the other devices such as the personal computers to charge the phone.

Charging time is about 2 to 3 hours. The charging condition is displayed on screen. You may use your phone while charging.

**Earphone**

A mini, practical, hands-free device; you can use its button to answer and end calls. Some models may also come with a volume control knob.

Do not plug or unplug the earphone when connecting dialed or incoming calls.

Please to adjust the incoming call alert volume to the felicitousness before you plug in the earphone.

**CAUTION**

**RISK OF EXPLOSION IF BATTERY IS REPLACED  
BY AN INCORRECT TYPE.**

**DISPOSE OF USED BATTERIES ACCORDING  
TO THE INSTRUCTIONS**

## **5. SAR**

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Specific Absorption Rate (SAR)

SAR tests are conducted using standard operating positions

accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

FCC ID: QPN-SAKARI

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that

Contains no metal and that positions the handset a minimum of 10 mm from the body.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: 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.

#### Body-worn Operation

This device was tested for typical body-worn operations. To comply With RF exposure requirements, a minimum separation distance of

1.0cm must be maintained between the user's body and the handset, including the antenna.

Third-party belt-clips, holsters, and similar including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.