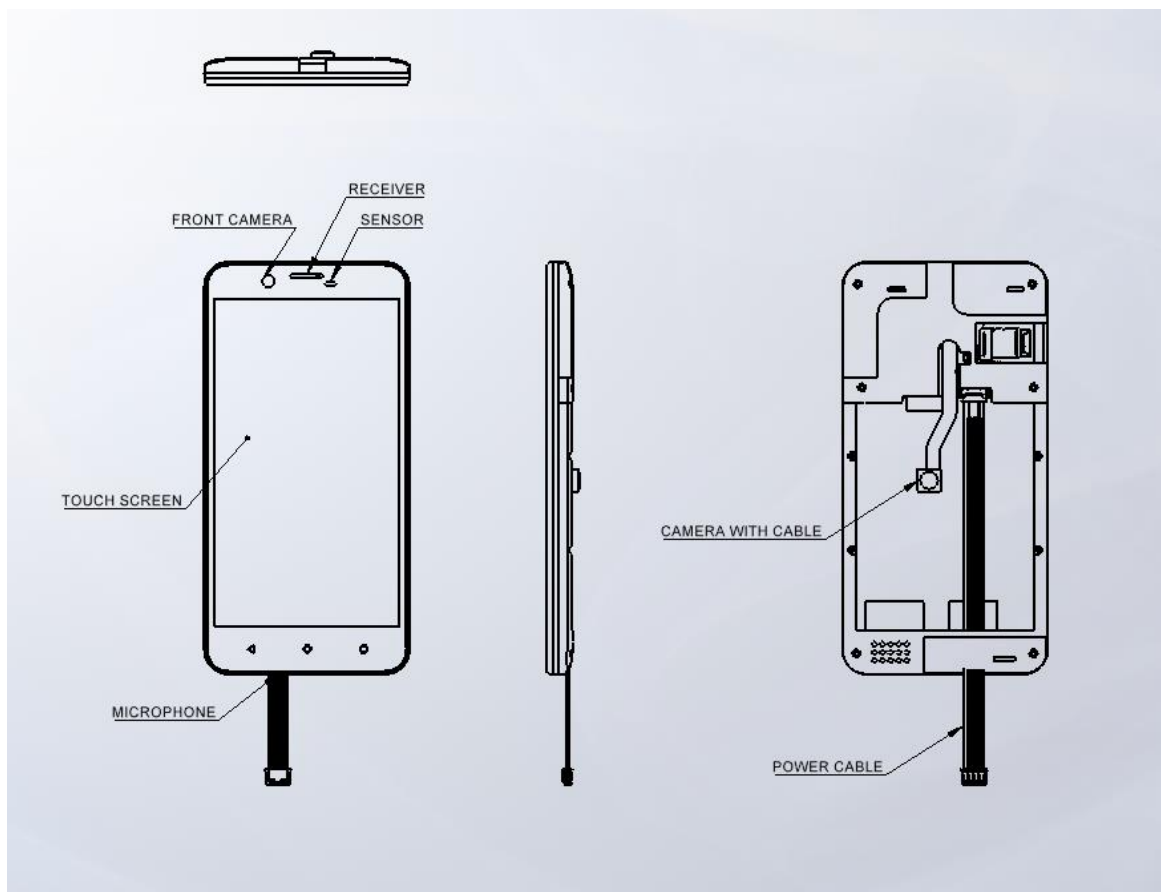


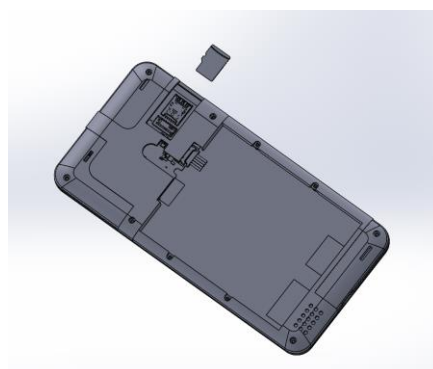
KARIE USER MANUAL

Overview



Tip: The power cable is to be connected with external power supply, 5V DC power. The device also supports battery power supply with special connector to match our power cable connector.

Insert SIM card and SD card



Tip: The SIM card is a small part. Please keep away from Children to avoid swallowing the card by accident. Please do not touch the metal surface of SIM card and away from electromagnetic field to avoid damage data.

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INFORMATION

When used in the directed manner, the device has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

a) Common Care

Check the device, AC adapter and any accessories regularly. Do not use the device if there is any sign of damage. Only install and operate in accordance with the instructions in this manual.

b) Keep Out of Reach of Children

Dropping the device can cause damage or injury. Keep the AC adapter cord out of the way to avoid tripping or causing the device to fall.

c) Keep Safe Distance from Body

Karie should be kept a minimum distance of 20 cm or 8 inches from the body.

d) Power Cable and Plug Protection

Use only the power adapter our company supplied. Never use a power cable that is frayed or damaged. Power supply cables should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cable exits the unit to where it is plugged into an AC socket. Handle electrical cords and polarized plugs with care, never try to force the plug into an outlet and avoid bending the prongs. A polarized plug has one blade wider than the other and can only be inserted one way into the electrical outlet. The polarized plug is provided for safety reasons since it reduces the hazard of electrical shock.

e) Indoor Use Only

Karie is not intended for outdoor use. Place Karie in an indoor living area, on a hard, dry surface. Do not expose Karie to direct sunlight or store Karie in a closed car that is in direct sunlight. Do not store Karie in an area with strong magnetic fields or excessive vibration.

f) Disconnect Karie in Case of Malfunction

If you smell or notice smoke, disconnect the AC Adapter immediately, taking care to avoid burns. Contact AceAge Inc. or their representatives for inspection and service before any future operation. Only use the AC Adapter provided with this device. Another type of adapter may damage the device or cause a fire or electric shock.

g) Keep Away from Water and Moisture

Keep the device dry. Liquids and moisture can damage it, including mist, fog and steam from a bath or shower. Do not leave the device on a moist countertop and avoid use in a bathroom. Do not leave the device in a vehicle overnight. If a liquid leaks into the device, discontinue use of the device. To reduce the risk of electrical shock or fire, do not place the device in or near water or other liquids, or expose it to rain.

h) Cleaning Instruction

The device should be cleaned gently using a clean microfiber screen-cleaning cloth. Do not use abrasives, or a dampened or wet cloth, solvents, or cleaning products to clean the device. Do not attempt to clean any internal portion of the device.

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i) Avoid Heat or Extreme Temperatures

Extreme temperatures can damage device: do not leave the device where it may be subjected to high temperatures—above 40° C—or very cold temperatures—below 5° C. Keep the device away from radiators, heat registers, electric heaters, stoves, or other appliances that produce heat. Do not place the device next to an air conditioner.

j) Ensure Proper Ventilation

The device should be placed so that its location or position does not interfere with its proper ventilation. Do not remove any exterior covers from the device.

k) Do Not Attempt to Service

Only qualified personnel are allowed to service or repair the device. If it is damaged, malfunctions, or if it comes in contact with liquid, contact an authorized service provider.

l) Questions?

Visit www.kariehealth.com/customer-support

FEATURES

Feature	Description
PIN LOCK	You have the option of setting a 4-digit Personal Identification Number (PIN) to prevent unwanted use of Karie
Face Recognition	Karie offers facial recognition as an added security measure for dispensing medication. Requires use of a PIN
Reminders	- Alert tone with adjustable volume. Intensifies for escalated dispense - Flashing light that increases in frequency with escalated dispense - Screen color reflects change in dispense status, from green (normal) to amber (escalated) to red (missed)
Device pairing	Karie can be paired with mobile devices belonging to designated individuals known to the user, such as caregivers
Notifications	Text messages are sent to designated individuals through their paired device whenever medication is dispensed, dispensed late or missed
Medication Instructions	Karie displays instructions for use of the medication being dispensed, when the dispense button is pressed

Feature	Description
Traveling	Karie can pre-dispense medication for a length of time when the user will not be at home to take a dose, according to the number of doses specified
Secure Data Storage	Karie records its own interaction with the user and securely transmits that information to designated individuals, such as the user's pharmacist. This communication is secure, protected and only visible to those individuals.
Medication Schedule	Karie provides a calendar view of the user's medication schedule, up to the last dose in the current pill cartridge
Self-reporting	Under special circumstances – which include medical approval, prior notification and consent of the user – Karie may be used to collect information from the user such as how they feel when prescribed a particular medication.

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QUICK FIXES

Issue	Screen	Solution
Alert! Insert cartridge fully		The pill cartridge is not fully inserted: adjust the cartridge or remove and re-insert by sliding the cartridge into place. Listen for a 'click' sound. The Home screen should now appear.
Alert! Karie cannot read packet		The leading pouch in the pill cartridge is not positioned properly. Remove any tape. Adjust the edges of the pouch and pull forward so it lies perpendicular & halfway along the track. If the problem persists, seek help from your caregiver or pharmacist.
No Connection appears		Karie cannot locate a cellular network signal from its current position: move Karie to another location in your home where the signal is stronger.

TECHNICAL SPECIFICATIONS

Name

Karie Personal Health Companion

Cell Engine Models

AceAge3A, AceAge3B, AceAge3C, AceAge3D, AceAge1A, AceAge1B, AceAge1C, AceAge1D, AceAge2A, AceAge2B, AceAge2C, AceAge2D

External Devices

The Karie device does not come with any accessories that can be connected. However, it has Bluetooth functionality.

Power Requirements

- Voltage: 100-240VAC
- Power: 10W max
- Frequency 50-60 Hz +/- 1Hz
- Backup battery: Lithium-ion

Peripherals

- Display: 5.5" Diagonal, 1280 x 720 resolution, PCAP touch screen
- Camera: 5M Pixel
- Microphone: Omnidirectional
- Speaker: 3W Stereo
- Bluetooth: 4.0 (classic and BLE)
- Connectivity: 4G.

Security

- All inbound ports closed, allowing outbound traffic to AceAge Cloud Platform Services only
- User input through captive screen only

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- Communication with AceAge Cloud Platform Services uses Transport Level Security with AES 256 encryption

Device dimensions

- Length: 272mm or 10.71 in
- Height: 218mm or 8.58 in
- Width: 115mm or 4.53 in

Environmental Conditions

- Indoor use only
- Operating Temperature: 5°C to 45°C, or 41°F to 113°F
- Storage Temperature: -10°C to 45°C, or 14°F to 113°F
- Shipping Temperature: -10°C to 45°C, or 14°F to 113°F
- Operating Altitude Limit: 2000 meters
- Humidity: Max 80% RH up to 31°C or 87.8°F, decrease linearly to 50% RH at 40°C or 104°F
- Ingress Rating IP21

Symbols

Consult instructions for use

Serial number

Date of manufacture

Manufacturer

Distributor

Patents

Temperature limits

Humidity limits

Catalog number

Keep dry

RoHS Mark

UL Component Mark (Medical Power
Adaptor)

ETL Mark (Consumer Power Adaptor)

UL 62368-1 (Consumer Models)

IEC 60601-1 (Medical Models)

Nemko Certification Mark

FCC Mark

CE Mark

Double Insulated

Caution

Standby power

Do not dispose of this product in general waste. Contact Karie Customer Support for proper disposal method.

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FCC Statement

1. 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.

2. 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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted 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. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **0.574W/Kg** and when worn on the body, as described in this user guide, is **0.716W/Kg** (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is **0.716W/Kg**. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on

FCC ID: [2AQKR-P001R2](http://www.fcc.gov/oet/fccid) Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

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Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of **10mm** must be maintained between the user's body and the handset, 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. Use only the supplied or an approved antenna.

ACEAGE CONTACT DETAILS

© **ACEAGE INC.**

This Manual is provided by:

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www.kariehealth.com/customer-support