911 RESPONDER
User Guide

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Contents

1 Introduction

911 Responder is a mobile phone which mainly is used for emergency call. With superior receiving sensitivity, fast WCDMA frequencies 850/1900 and GSM frequencies 850/900/1800/1900. Based on the embedded wireless protocol, 911 Responder can communicate with the backend server through WCDMA or GSM/GPRS network, and transfer reports of emergency, low battery, device information etc…

2 Product Overview

2.1 Appearance

Figure 1-1

2.2 Buttons/Micro USB Interface Description

Button /Micro USB Interface Description	
KEY/interface	Description
SOS Key	Power on 911 Responder and make a call（If call number is set by user.
Micro USB interface	Connect a 5V DC adapter can power on 911 Responder and charge the internal battery Connect a 3.7V Li-ion or Li-Polymer battery can power on 911 Responder Backend server developer or administrator can use the data cable to configure 911 Responder
Reset Key	Click the key will turn off internal VBAT when OS is abnormal, and then press Power Key to restart 911 Responder. ***Note: Reset key is invalid when external battery is used.***

2.3 LED Description

Figure 1-2

There are two LED lights in 911 Responder device, the description as following.

Light	Event	State
SOS LED	Make a call	Solid
	Power on and normal	Slow flash
LOW BATTERY LED	Fully charged	Solid
	In charging	Solid
	Low battery	Fast flash

3 Getting Started

3.1 Parts List

Name	Picture	Remark
911 Responder		911 Responder
AC-DC Power Adapter		It is used to charge the internal battery of 911 Responder
911 Responder Data and charger Cable		It the USB data cable which can be used for firmware upgrading and configuration. It also includes the charger interface on the Pa23W.

3.2 Battery Charging

The following items are suggestion for battery charge, please pay more attention.

- Please connect AC-DC power adapter with 911 Responder device.
- Insert the AC-DC power adapter into the power socket.
- During the charging process, the LOW BATTERY LED light will flash slow. When the battery is fully charged, the Power LED light will be Ever-light.
- You can also charge the battery using USB cable which connects 911 Responder device with the PC.
- Charging will last about 3 hours.

Note: If the 911 Responder device is firstly used, please make sure the battery is fully

charged, which will make the life of battery much longer.

3.3 911 Responder Data Cable

911 Responder Data Cable is a cable with a Micro USB connector.
The USB data cable is used for data download, which will be used for firmware update or configuration and can be used for charging at the same time.

Figure 2-1

3.4 Power on/Power off

Figure 2-2

Power on:

- Press the SOS key at least 3 seconds and release it to power on 911 Responder. Note that, the LOW BATERRY LED and SOS LED light will be solid about 10 seconds.

Power off:

- 5 minutes after the call, the LOW BATTERY LED light will be solid and then turn off, this indicates the 911 Responder has been powered off..

4 Trouble shooting and Safety info

4.1 Trouble shooting

Trouble	Possible Reason	Solution
Unable to power off 911 Responder.		The device will power off automatically 5 minutes after the call
Battery can not be charged	The battery has not been used for too long time and has been locked.	Using a external power source with 3.6V to 4.2V DC power supply to active the battery or apply for after sale help.

4.2 Safety info

The following items are suggestion for safety use, please pay more attention.

- Please do not disassemble the device by yourself.
- Please do not put the device on the overheating or too humid place, avoid exposure to direct sunlight. Too high temperature will damage the device or even cause the battery explosion.
- Please do not use 911 Responder on the airplane or near medical equipment.

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.

Specific Absorption Rate (SAR) information:

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This device meets the government's requirements for exposure to radio waves. 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 or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: 911 Responder **(FCC ID: ZKQ-PMA)** has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the **body is 1.11W/kg**. This device was tested for typical body-worn operations with the back of the handset kept **0.5 cm** from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a **0.5 cm** separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of **0.5 cm** 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.