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1   Perface

This guide provides information on configuring the KJ-8501. It is written specifically for the user who installed with this model.

2   Interactive voice response system(IVRS) flow

KJ-8501 car terminal system builds in with an Interactive Voice Response System (IVRS). User is not required to memorize a list of complicated instructions. Instead, user can just simply dial in to the car system, and then control the vehicle or modify the system setting follow the verbal instruction.

The IVRS flow as follow:
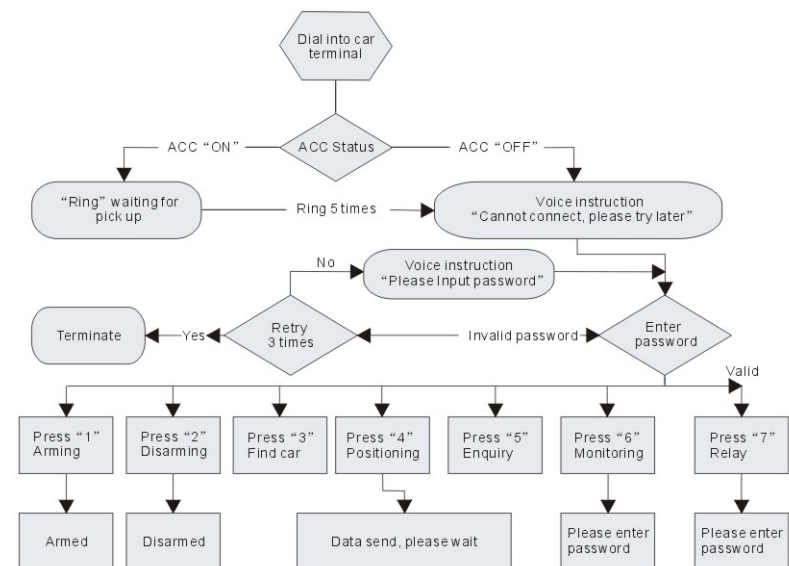
For system setting, IVRS would be very useful. In general, any phone is available to communicate with this system. However, SMS service enable phone is required for

3 System setting

3.1 IVRS change password

Dial in the car terminal, after key in valid password, press "0" for voice instruction: "Press 1 for Arming, Press 2 for Disarming, Press 3 for Car finding, Press 4 for Positioning, Press 5 for Enquiry, Press 6 for Monitoring, Press 7 for Reply"	Hear "Beep" once. Then press "4" and hear a long "Beep". Entry 6 digit new password, end with "#", then hear "Beep! Setting complete. Repeat press * key, finish press #" Press "#"	Then hear "Data transmitted complete, please wait." "Beep" three time and called terminated Car owner will receive a SMS of the emergency contact list and their password

⚠ Note：

The default password of car terminal system is "123456".
Please change the password after purchase and change regularly.

3.2 Swap between Auto / Manual mode
● Swap to manual mode (from auto mode)

Hold on the remote button for 30 seconds	Light indicator on remote turned off

● Swap to auto mode (from manual mode)

Hold on the remote button for 10 seconds	Light indicator on remote flashing get faster

To distinguish between auto / manual mode
 − Automatic mode − light flashing every 3 seconds.
 − Manual mode − light turned off

3.3 Arming and disarming (Manual action)
● Lock door (Arming) − Manual action

			"Beep" once
ACC Off	Close door	Press the remote button	Blinker flash once Door lock, and enter the arming status

During car arming status：
 − Any unauthorized action would trigger relay (for immobilization)

Disarming method:
 − Using remote button
 − Dial in car terminal

● Unlock door (Disarming) − Manual action

	"Beep，Beep" twice
Press the remote button	Blinker flash twice Door unlock, car disarming

⚠ Note：

If door not open or ACC not turn "ON" within 25 seconds after manual disarming, system would go back to arming status again automatically.

3.4 Arming and disarming (Automatic)

● Lock door (Arming)

		"Beep" once
ACC Off	Close door Go away from the vehicle for 15 meters, and around 10 seconds	Blinker flash once Door lock, and enter the arming status

During arming status：
- Any unauthorized action would trigger relay (for immobilization)

Disarming method：
- Using remote button
- Dial in car terminal

● Unlock door (Disarming)

Close to the vehicle within 2~3 meters	Blinker flash twice Door unlock, car disarming

⚠ Note：

If door not open or ACC not "ON" within 5 minutes after automatic disarming, the system would go back to arming again automatically.

3.5 Door control

● Car door auto-lock

ACC On	Brake	Door lock

● Car door auto-unlock

ACC Off	Door unlocked

⚠ Note：

ACC "ON" and door open when driving,
Car door will be locked again if step on the brake.

● Door lock under ACC "ON"

ACC On	Press remote button	Blinker flash once Door lock

● Door unlock under ACC "ON"

Press remote button	Blinker flash twice Door unlock

3.6   Flash blinker

● Flash blinker when stop car temperately

ACC On	Car door open	Blinker keep flashing until door close

●Flash blinker when door open

ACC Off	Car door open	Blinker flash twenty times

⚠ Note:

Remote button cannot stop blinker flashing

3.7   Find car

Dial in the car terminal. After key in valid password, press "3" for voice instruction	Blinker flash once, car "Beep" once. Repeat this 7 times in 15 seconds

3.8   Enquiry for the car status

Dial in the car terminal, after key in valid password, press "5" for voice instruction	Verbal report for the current car status

3.9   Enquiry for the car location

Dial in the car terminal，after key in valid password, press "4" for voice instruction	Receive vehicle location information and current status from car terminal

⚠ Note:

The mobile handset must able to receive SMS

3.10   Shock Alert（Arming ）

Shock Alert	• Siren on for 15 seconds, relay On (for immobilization) • Report shock alert to control center • Report shock alert through registered user's mobile • Report shock alert SMS to registered user's mobile (Alert and lat long location)

3.11 Emergency button

SOS ▶▶	
Press the emergency button	• Report to control center • Make call to second contact to report the emergency • Send emergency SMS to second contact

3.12 Relay

Dial in the car terminal. After key in valid password, press "7" for voice instruction	Hear a "Beep" sound, and then enter 6 digits password. "Beep" once to reply correct password. "Beep" 3 times to reply incorrect password. System can only allow retry 3 time for incorrect password.	If password correct, and then hear "Gas supply now cut of" voice message. Siren ON for 15 seconds then cut off the gas supply.

⚠ Note：

Phone activated relay can only be deactivated by phone, it cannot be deactivate by remote.
Relay function may cause injury to passenger or vehicle, only activate when necessary.

3.13 Resume gas supply （IVRS disarming）

|	"Beep，Beep" twice
Dial in the car terminal. After key in valid password, press "2" for voice instruction	Verbal reply "Beep, car disarm" and blinker flash twice Car security system disarmed. Vehicle under disarming status.

3.14 Arming with IVRS

	"Beep" once
Dial in the car terminal. After key in valid password, press "1" for voice instruction	Hear "Beep, car security system arming" Blinker flash once

⚠ Note：

When ACC "ON", this function cannot be activated

When car in arming mode：

Any unauthorized action would cause relay ON (for immobilization)
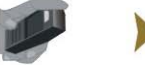
Disarm method：

− Using remote control
− Dial in to car terminal

3.15 Monitoring

Dial in the car terminal. After key in valid password, press "6" for voice instruction	Enter 6 digit password after "Beep" sound，hear "Beep" once to indicate correct password, "Beep" three times to indicate incorrect password. Retry 3 times only for incorrect password.	Allow monitoring voice inside car

3.16 Suspend for system checking

	"Beep，Beep" twice	
Dial in the car terminal. After key in valid password, press " 2" for voice instruction	Hear "Beep, car disarmed" and Blinker flash twice	Hear "Repeat press *, complete press #" and press "2" again.

"Beep，Beep" twice		"Beep，Beep" twice
Hear "Beep, Car disarm" Blinker flash twice	Hear "Repeat press *, complete press #" and press "2" again.	Hear "Beep, Car disarm" Blinker flash twice

Repeat above step 5 times until hear "Do ~ Do ~ Do" for 5 second to indicate setup success	Hear "Repeat press *, complete press #" and press "#" this time to terminate the call

⚠ Note：

After this function activated, car door and shocking alert would be suspended.
It would be resumed user dial in car terminal and enter valid password again.

3.17 Emergency call setup with IVRS

Dial in the car terminal. After key in valid password, press "0" for voice instruction	Hear "Beep" once and then press "1". After a long "Beep" sound, entry first contact emergency contact number and end with "#". After hear "Beep, setting complete. Repeat press * key, finish press #", then press "0".	After the "Beep" sound, press "2" and hear a long "Beep". Entry second contact for emergency call and end with "#". After hear "Beep, setting complete. Repeat press * key, finish press #", then press "0".

After the "Beep" sound, press "3" and hear a long "Beep". Entry second contact for emergency call and end with "#". After hear "Beep, setting complete. Repeat press * key, finish press #", then press "0".	Hear "Data transmission completed, please wait." "Beep" 3 times and call terminated。 After that, car owner will receive SMS about all 3 emergency contact and password.

⚠ Note:

3 emergency contact numbers is required.

It is recommended to set car owner's or vehicle user's mobile number as the first contact, and set the relatives as the second and third emergency contact.

For details, please reference to **Appendix 2. Alert message notification description**

4 Signal light description

4.1 Signal light description

● System status indicator (Red)

System status	Indicator
Disarming	On
Arming	Flashing
Communicating	Off

● Communication indicator (Blue)

Communicating status	Indicator
Normal communication signal	Flashing
Weak or no signal	Off
Communicating	Flashing

● Positioning signal light (Green)

GPR signal status	Indicator
Valid positioning signal	On
Invalid positioning signal	Flashing
No signal	Off

⚠ Note:

When ACC "ON", all signal lights (system status, Communication and Positioning) will turn off 3 seconds after brake.

All signal light resumed after door open or ACC Off.

4.2 Alert message notification description

Alert situation	Alert target / method	
Door being opened	First contact	Voice call and SMS door open alert send, along with location information
	Second contact	
	Third contact	SMS alert with location information (GPS RMS format)
Remark:	Car door open / break under arming status	

Alert situation	Alert target / method	
Engine started	First contact	"Engine Started" voice call and SMS alert send, along with location
	Second contact	
	Third contact	SMS alert with location information (GPR RMS format)
Remark:	Engine started under arming status	

Alert situation	Alert target / method	
Door being shocked	First contact	"Car shocked" voice call and SMS alert send, along with location
	Second contact	
	Third contact	SMS alert with location information (GPS RMC format)
Remark:	Car being shocked or hit under arming status	

Alert situation	Alert target / method	
Emergency call activated	First contact	
	Second contact	Emergency call and SMS alert send, along with location
	Third contact	SMS alert with location information (GPS RMC format)
Remark:	Emergency activated under arming and normal status	

Alert situation	Alert target / method	
Power Shortage	First contact	"Power shortage" voice call and SMS alert send, along with location
	Second contact	
	Third contact	SMS alert with location information (GPS RMC format)
Remark:	Power shortage under arming status	

Alert situation	Alert target / method	
System being	First contact	"Security system broken" voice call and SMS alert send, along with location
	Second contact	
	Third contact	SMS alert with location information (GPS RMC format)
Remark:	Cut off / broken the power supply under arming and normal status	

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.

Federal Communications Commission (FCC) Requirements, Part 15

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.

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