

★ KAZAM



Tornado 348 User Manual

ALL RIGHTS RESERVED

©2014. All rights are reserved. No part of this document can be reproduced without permission. All trademarks and brand names mentioned in this publication are property of their respective owners.

While all the efforts have been made to ensure the accuracy of contents in this manual, we presume no responsibility for errors or omissions or statements of any kind, whether such errors are omissions or statements resulting from negligence, accidents, or any other cause. We operate a policy of continuous development and reserve the right to make changes, modifications and improvements to the device, device features/specifications or any of its parts without prior notice.

Your device may have preinstalled bookmarks and links for third party internet sites and may allow you to access third party sites. These are not affiliated with us, and we do not endorse or assume liability for them. If you access such sites, take precautions for security or content.

The limited warranty does not cover user manuals or any third party software, settings, content, data or links, whether included/downloaded in the product, whether included during installment, assembly, shipping or any other time in the delivery chain or otherwise and in any way acquired by you. To the extent permitted by applicable law(s), we do not warrant that any our software will meet your requirements, will work in combination with any hardware or software applications provided by a third party, that the operations of the software will be uninterrupted or error free or that any defects in the software are correctable or will be corrected.

User's Manual is provided just to guide the user about the functionality of the device. This does not seem to be any certificate of technology. Some functions may vary due to modifications and up-gradations of software or due to printing mistake.

SAFETY PRECAUTIONS

Please read the following safety guidelines before using the device.

- ⚠ Do not use the mobile phone while you are driving.
- ⚠ Do not place magnetic storage media near your mobile phone, as the magnetic force from the device may erase the information stored on it.
- ⚠ Keep your mobile phone and its accessories away from children.
- ⚠ Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. People with active medical implants should keep their mobile phone at least 15 cm away from the implant.
- ⚠ Permanent hearing loss may occur if you use earphones or headphones at high volume.
- ⚠ Use a wireless hands-free system (headphone/ headset) with a low power Bluetooth emitter.
- ⚠ Make sure the mobile phone has a low SAR.

- ✦ Keep your calls short or send a text message (SMS) instead. This advice applies specially to children adolescents and pregnant women.
- ✦ Use mobile phone when the signal quality is good.

Notice:

- ✦ Warranty is invalidated if the mobile phone or accessories are dismantled, the manufacturer will not be liable to pay for damages.
 - ✦ Only use original batteries and charging devices.
 - ✦ Back up important data regularly and store it properly. The manufacturer is not liable for any loss of data due to misoperation, poor signal or power cut, etc.
 - ✦ All screen images in this manual are for reference only, content displayed may depend on the pre-setting of the service provider, the network operator or the SIM card. If any functions referred to in this manual are different from those of your device, please follow your device.
 - ✦ Do not put use it in a place with flammable gas such as a petrol pumps. The temperature recommended for using the device is 10-55°C. Do not touch the charger, power cable or socket with wet hands. This may cause an electric shock.
 - ✦ Our cellular phones are in accordance with the communication industry standards of PRC, and also according in accordance with 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.
 - ✦ Only use the chargers listed in the manufacturer's catalogue should be used. Using any other charger may be dangerous and would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.
 - ✦ 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 15cm be maintained between the phone and an implant.
- ✦ **If your mobile phone or any of its accessories do not function normally, please contact Kazam customer support. The qualified personnel will assist you, and if necessary will arrange for a repair.**

TABLE OF CONTENTS

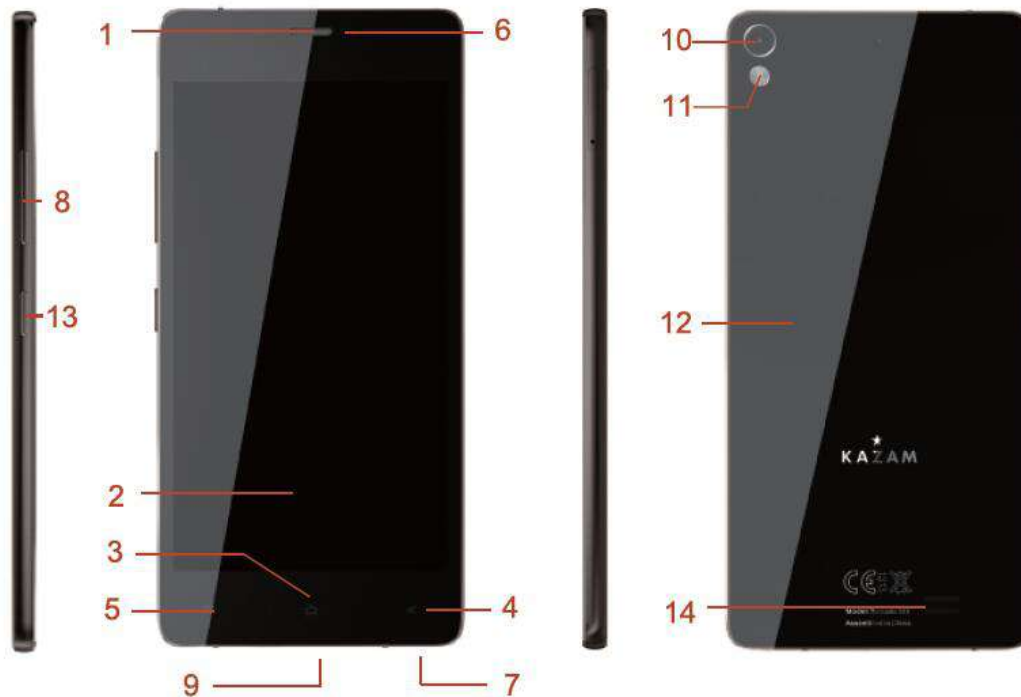
ALL RIGHTS RESERVED	1
SAFETY PRECAUTIONS	2
TABLE OF CONTENTS	4
1. UNDERSTANDING YOUR DEVICE	4
1.1. GENERAL INFO	4
1.2. DEVICE OVERVIEW	4
2. GETTING STARTED	5
2.1. INSTALLING CARDS	5
2.2. POWERING ON/OFF THE DEVICE	6
3. BASIC OPERATIONS	6
3.1. CALLING	6
3.2. MESSAGING	6
3.3. PHONEBOOK	7
4. CALL HISTORY	7
5. SETTINGS	10
5.1. TO SENT A FILE	10
5.2. TO RECEIVE A FILE	10
5.3. TO CONNECT TO A HAND FREE DEVICE	10
5.4. SMART GESTURE	11
6. MULTIMEDIA	10
6.1. CAMERA	10
6.2. PLAY MUSIC	12
7. BLUETHOOH	12
8. SPECIFICATIONS	13

1. UNDERSTANDING YOUR DEVICE

1.1 GENERAL INFO

Tornado 348 has a 4.8" HD screen with 1280*720 resolution. It has an auto focus camera and a 2050 mAh battery.

1.2 DEVICE OVERVIEW



- | | |
|------------------|-----------------------|
| 1. Earpiece | 2. Touch Screen |
| 3. Home Key | 4. Back Key |
| 5. Menu Key | 6. Front camera lens |
| 7. Earphone Jack | 8. Volume control key |
| 9. USB port | 10. Camera lens |
| 11. Torch | 12. Battery cover |
| 13. Power Key | 14. Speaker |

2. GETTING STARTED

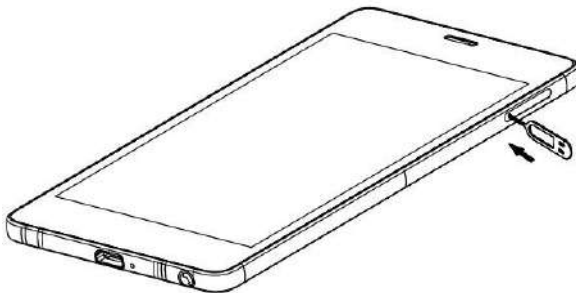
2.1 INSTALLING SIM CARDS

The battery of the mobile phone is fixed, not removable. Please switch off your device before inserting Micro-SIM.

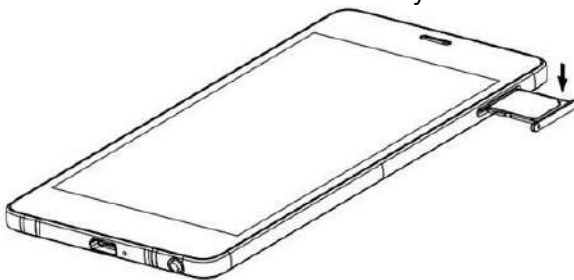
Installing Micro-SIM.

To install the Micro-SIM. Please follow the steps below:-

- ✦ Stick the ejection pin into the pinhole, the Micro-SIM tray will be ejected out of the card slot.



- ✦ Insert the Micro-SIM card correctly in Micro-SIM tray.



Charging the Battery

The device prompts a warning tone and message indicating insufficient battery when the battery power is low. Please follow the instructions below to charge your device:-

- ✦ Plug the connector of the charger into the micro USB port on the device.
- ✦ Plug the charger into a standard AC wall outlet.

Charging.....  Fully Charged..... 

It is recommended to fully charge the battery before using the device for the first time.

2.2 POWERING ON/OFF THE DEVICE

Turn on the phone

Long press the **power key** to start up the cell phone.

Turn off the phone

1. Long press the **power key**, a context menu will prompt, touch **“Power off”** to switch off the

- cell phone.
2. Long press the **power key** 10 seconds to reboot the cell phone when the handset got hang options

3. BASIC OPERATIONS

3.1 CALLING

Making Calls

If the icon network strength icon is visible in the information bar at the top of the screen, then you can make or receive calls. To make a call, follow the steps below:

- ✦ Direct dial
In standby mode, press the corresponding numeric keys to enter the phone number that you want to dial, including necessary area codes.
- ✦ International call
To make an international call, long press * key until the prefix symbol "+" of international call displays in screen.
- ✦ Dialling from contact list
Enter the Phonebook via the menu, to the desired contact, or press the first letter of the name of the desired contact for quick search.

Answer/Reject an Incoming Call

When you receive an incoming call, details of the contact name/number are displayed.

Press and drag the slider upwards to answer the call.

Press and drag the slider downwards to reject the call.

3.2 MESSAGING

Your device is capable of sending and receiving of SMS (Short Message Service) and MMS (Multimedia Message Service).

Creating an SMS

- ✦ From the main menu, select 'Messages' – 'Write message' - 'Type message'

3.3 PHONEBOOK

Contact details (name and number) are stored in the phonebook. You can save information such as name and phone number.

To add a Contact

- ✦ Select 'People' from the main menu.
- ✦ Select the icon of Add new contact option

- ✦ Select 'To Phone' or 'SIM only'.
- ✦ Enter contact information (Name and number)
- ✦ Select 'Save' to save the newly added contact.

4. CALL CENTER

Call history:

- ✦ All received calls, dialled numbers and missed calls as well as their call time are recorded in the call history section of your phone.

If accessed through the menu item, the submenus are as follows:-

- ✦ All calls
- ✦ Missed calls

All calls/Missed calls

In the All calls, and Missed calls, the following actions are applicable:-

- ✦ All calls – View the details of call record
- ✦ Missed calls- View the details of missed call record

Call Settings:

✦ **Speed dial**

You can access the speed dial list to check existing assigned numbers or to assign new ones

✦ **Batch delete**

This option allows you to clear the call records.

5. SETTINGS

5.1 TO SEND A FILE

- ✦ Settings--> Bluetooth, check Bluetooth to turn it on.
- ✦ Enter File Explorer to select a file, Select Share--> Bluetooth.
- ✦ Touch Scan for devices, the phone will scan for and display the names of all available Bluetooth devices in range.
- ✦ Touch the names of the other device in the list to pair them. After paired the file will be sent.

5.2 TO RECEIVE A FILE

- ✦ **Settings--> Bluetooth**, check **Bluetooth** to turn it on. Ensure your Bluetooth has been connected within visibility time
- ✦ After paired, the phone will receive the file. The file you received will be saved to the "Bluetooth" folder in the Phone Storage

5.3 TO CONNECT TO A HANDS FREE DEVICE

- ✦ **Settings-->Bluetooth**, Select “**Search for devices**”;
- ✦ Turn on the Handsfree device, Select the Handsfree device in the list to pair.
- ✦ After paired, you can use the Handsfree device to listen to music and receive call.

5.4 SMART GESTURE

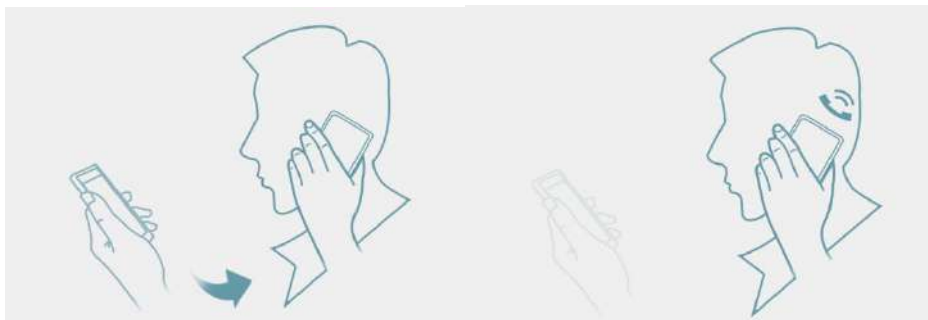
Smart gestures enable users to perform tasks or access device functions conveniently via single swipe or double tapping, enhancing the overall user experience.

Settings-->All Settings-->Smart Gesture, check **Smart gestures** to turn it on.

Smart dial

Settings-->All Settings-->Smart Gesture, click to turn the **Smart dial** on.

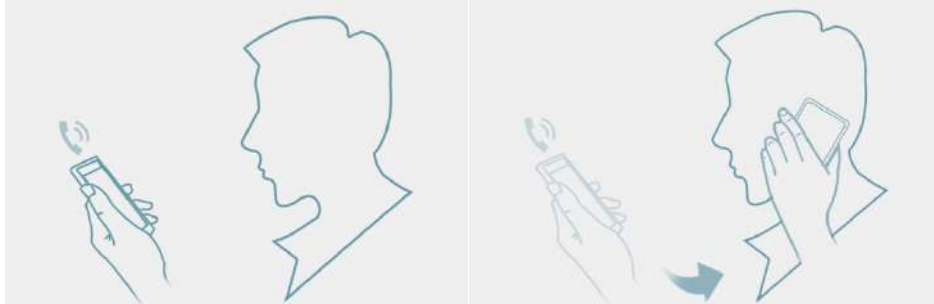
In message content page, contacts details page or call history details page, directly dial the number of the sender; In contacts details page, directly dial the first number if you have many numbers.



Smart answer

● **Settings-->All Settings-->Smart Gesture**, click to turn the **Smart answer** on.

Pick up the phone to your face so it will answer the incoming call automatically.

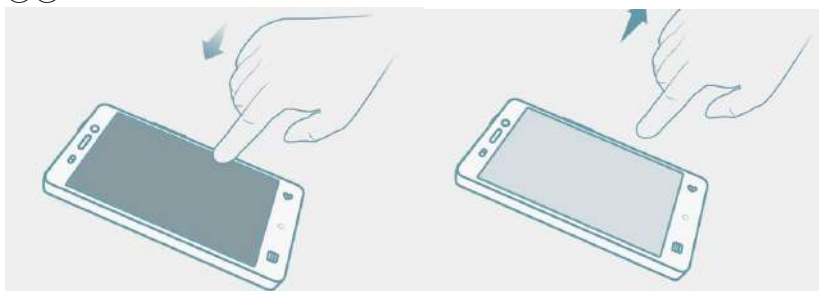


Double click wake

Settings-->All Settings-->Smart Gesture, click to turn the **Double click wake** on.

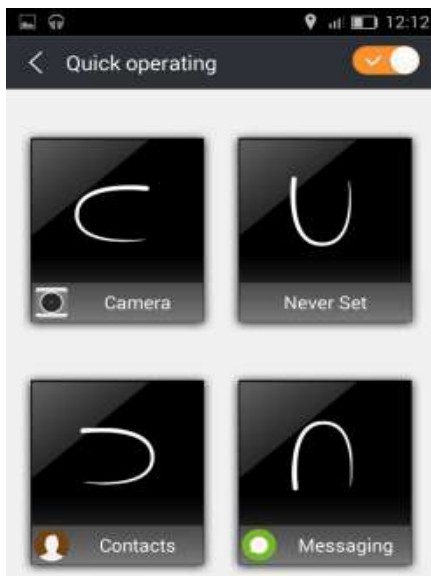
In the mobile phone dormant state quick fingers tapping the screen two times, can wake up the mobile phone.

①②



Quick operating

Draw any of the gestures below while device is in sleep mode. Gesture swipes are not active if you have set a screen lock such as a password or pattern lock.



5.4 SECURITY SETTINGS

SIM security

You can set and enable the PIN 1 and PIN2" codes

Note that if the input PIN code wrong three times, the SIM card will automatically lock and unlock and a PUK code will be required to unlock. Please contact your SIM card provider for more details regarding PUK codes.

PIN lock

Under this you can enable or disable PIN password. When this feature is enabled, every time you turn the phone prompts you to enter the PIN password.

Change PIN

If the current PIN password is already activated, you can make changes to the PIN password. First enter the old PIN password twice and then specify the desired, new password for future use.

Change PIN2

PIN2 password is used to access a particular function (such as setting a fixed number, set the call billing, etc.)

If PIN2 is entered incorrectly 3 times a PUK2 code will be required to unlock.

Phone security

A phone passcode can be set to avoid unauthorised use of your mobile phone.









Phone lock

Under this you can enable or disable phone password. To do so, the phone password must be entered.

When this feature is enabled, every time you turn the phone on you are prompted to enter the password.

Change password

You can make changes to the phone password. First enter the old phone password, and then enter the newly selected password twice to confirm.

-  Sim network reception bar
-  Battery level of the device
-  New short message
-  Missed call notification
-  USB connected
-  Bluetooth is activated
-  Wi-Fi is connected.
-  GPRS network is in use.

5.5 CONNECTIVITY

Data account

Preloaded MMS accounts are displayed. These accounts can be manually edited, deleted and added.

5.6 BACKUP & RESET

Reset the phone settings to default using this feature.

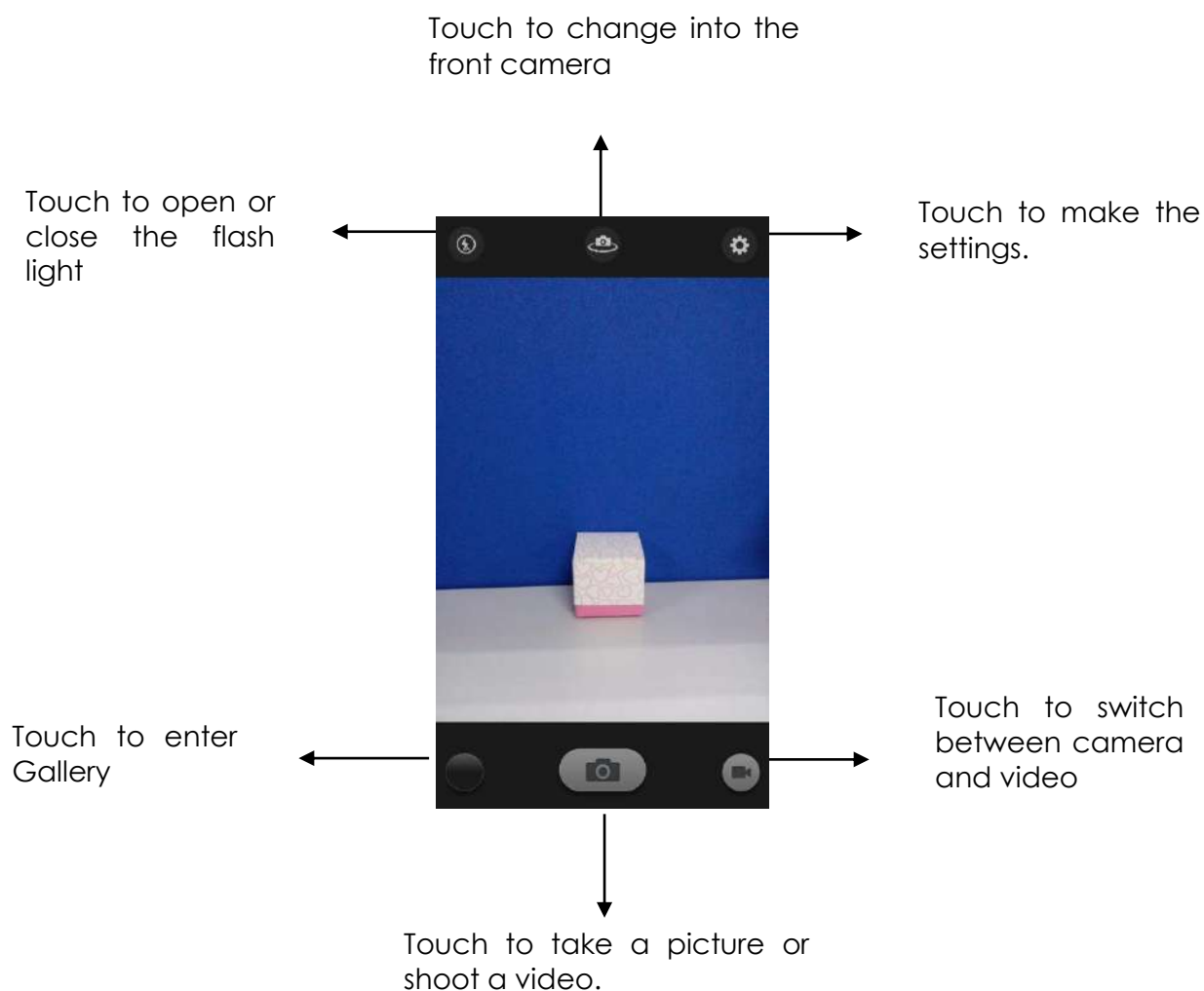
6. MULTIMEDIA

6.1 CAMERA

Your phone is fitted with camera which allows you to take photos. You can store the pictures on the phone memory or on the inserted memory card.

Camera is a combination of camera and camcorder that you use to shoot and share pictures and videos.

Take a picture



- Adjust your exposure and other settings if you wish. Or leave them on automatic.
- Frame your subject on screen.
- Touch the Shutter icon on screen.

To shoot a video

- If necessary, drag the control to the video position
- Adjust the quality and other settings if you wish. Or leave them on automatic mode.
- Point the lens to frame the scene where you want to start.
- Touch the Start Video icon. Camera starts shooting the video.
- Touch Stop video icon to stop shooting. An image from your most recent video is displayed as a thumbnail at the bottom Left

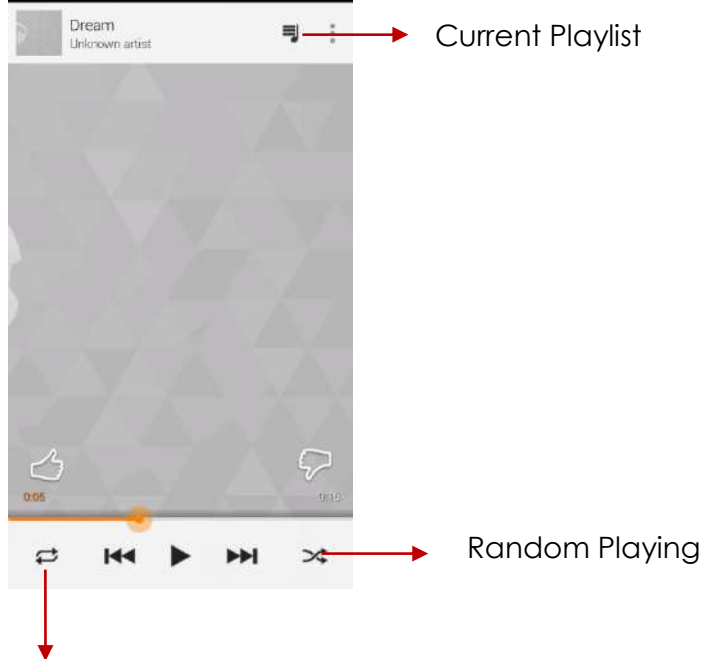
View albums

Touch the Gallery icon in the Launcher to view albums of your pictures and videos. Gallery presents the pictures and videos on your phone, including those you've taken with Camera and those you downloaded from the web or other locations. You can do the following operations:

- To share pictures: You can share your pictures through MMS, Bluetooth, and so on.
- To delete pictures: You can delete the pictures you are viewing.
- To get details about the picture: You can view more details about the picture.

6.2 Play Music

You use Music player to organize and listen to music and other audio files that you transfer to your phone from your computer.



Touch to Single Cycle, Repeating Current List, or NO Repeat.

7. Bluetooth

Bluetooth

You can transfer data, such as images and videos to other devices using Bluetooth. Search for devices and accept/transfer data. The received data is automatically stored in your phone.

* The standby time and maximum talk time depend upon the network signals and settings.

Main Specification			
Chipset	MT6592	ROM	16GB
Cores	Octa-core	RAM	1GB
GPU	ARM Mali 450-MP4	Frequency/Clock Speed	1.7GHz
SD Card Slot	NO	SD Expandable To	
SIM Card Slots	1	SIM Slot Sizes	1 x Micro
Size (mm)	139.8 x 67.5 x 5.15	Weight (with battery)	95.5g
GSM Bands (MHz)	850/900/1800/1900	3G Bands (MHz)	900/2100
LTE Bands (MHz)	N/A	Android	4.4
Screen/Camera/Audio			
Display	Size	4.8"	
	Type	Amoled	
	Resolution	1280 x 720 (HD)	
	Touch Screen	YES	
Rear Camera	HW Resolution	8Mp	
	Type	Auto-focus	
	Flash	YES	
	Video Recording	1080p (full HD)	
Front camera	Resolution	5Mp	
	Type	Fixed-focus	
Audio	Audio Jack	3.5mm US standard	
	Speakers	Single	
Connectivity/Sensors			
Bluetooth	YES / 4.0		
Sensors	G-Sensor/Proximity Sensor/Ambient Light Sensor		
WIFI	Wi-Fi (Type: 2.4Ghz / 802.11 b/g/n),Wi-Fi hotspot		
GPS	YES (+AGPS)		
FM-radio	YES (via earphones)		
NFC	NO		
Charging/Battery/Certifications			
I / O	Type	USB: USB Mass Storage / Media (MTP) / Camera (PTP)/Debugging	
Battery	Removable	No	
	Type	LiPo (Lithium Polymer)	
	Size	2050mAh	
	Weight	N/A (Internal Battery)	
	Standby time	360 - 384 hours	
	Talk Time	6 hours	
Charger	USB (1000mA)		
SAR Value: Head/Body	0.247/0.562 W/Kg@10g (CE)		
Certification	CE/RoHS/WEEE/GMS/CTS		

ENVIRONMENTAL CONCERN

Help us save the environment...GO GREEN!

All our endeavours are directed towards providing environmentally aware products to you. The materials used in our devices are recyclable and can be reused to make new products. We strive to make products that are safe for our consumers as well as the environment.

Preserve natural resources for future generations by recycling your mobile phone. Your mobile phone contains some metals which, when recycled properly, can be put back into circulation, decreasing the need for new metal mining.

Recycling reduces the need for raw materials, saves energy, helps mitigate global warming and reduces pollution, therefore preserving natural resources for the future.

Follow some simple steps and contribute towards saving the planet:

DO

- ♻️ Recycle your handset and its accessories.
- ♻️ To protect natural resources and to promote re-use of the material, kindly separate batteries from other type of waste.

DONT

- ♻️ Do not dispose of your mobile and its battery in fire.
- ♻️ Do not dispose your mobile with the regular waste.
- ♻️ Do not over charge your handset. Remove the charger when battery is full.



This logo signifies that this product and/or its accessories should not be disposed of with other household waste.

Hazards of improper handling, accidental breakage, damage and /or improper recycling of hazardous elements, can result in the following:

- ♻️ When burned, cancer-producing dioxins can be released into the air we breathe; If thrown in landfills, leaching into groundwater affecting your local community
- ♻️ In warm climates, the oxidation of mercury in the environment can be accelerated, leading to the creation of oxidized Hg atoms that are known to be associated with ozone depletion.
- ♻️ Improper recycling additionally results in data security issues, as private electronic information remains on hard drive, if not properly removed before disposal.

How to Recycle

Please get your electronics products recycled only through authorised recyclers, approved by Pollution Control Board. We provide facility of recycling of our products, for details please visit our website or call our customer care. Help us to GO GREEN.

Constitution of Hazardous Elements in your Device:

Your device does not contain the following hazardous elements in a proportion higher than the limits provided hereunder: maximum concentration value of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominateddiphenyl ethers; and maximum concentration value of 0.01% by weight in homogenous materials for cadmium.

EU Declaration of Conformity for R&TTE Directive 1999/5/EC

We **Kazam Mobile Limited**
 Of **Suite 4B, 43 Berkeley Square, London, W1J 5FJ, United Kingdom**
 Declare under our sole responsibility that the product
 Product name:**Smartphone**
 Trade name: **KAZAM**
 Model name:**Tornado 348**

(Detailed description of product including name, type, model and supplementary Information such as lot, batch or serial number, sources and number of items) To which this declaration relates, is in conformity with the following standards. And/or other normative documents.

Essential Requirements	Specification/Standards	Document Identification
Radio Spectrum	EN 301 511 V9.0.2 (2003-03)	RSZ140925001-11
Article 3.2	ETSI EN 300 328 V1.8.1 (2012-06)	RSZ140925001-22A
		RSZ140925001-22B
		RSZ140925001-22C
	ETSI EN 300 440-2 V1.4.1 (2010-08)	RSZ140925001-22D
EMC Article 3.1(b)	ETSI EN 301 908-1 V6.2.1 (2013-04)	RSZ140925001-22E
	ETSI EN 301 908-2 V5.4.1 (2012-12)	
	ETSI EN 301 489-1 V1.9.2 (2011-09)	
	ETSI EN 301 489-3 V1.6.1 (2013-08)	
	ETSI EN 301 489-7 V1.3.1 (2005-11)	
Safety Article 3.1(a)	ETSI EN 301 489-17 V2.2.1 (2012-09)	RSZ140925001-02
	ETSI EN 301 489-24 V1.5.1 (2010-10)	
	EN 60950-1:2006+A11:2009+A1:2010+A12:2011	
Health Article 3.1(a)	EN 50360:2001+A1:2012	RSZ140925001-20
EMC	EN55013:2013	RSZ140925002-01
	EN55020:2007+A11:2011	
	EN61000-3-3:2006+A1:2009+A2:2009	
	EN61000-3-3:2008	

We hereby declare that (all essential radio test suites have been carried out and that) the a bone named product is in conformity to all the essential requirements Of Directive 1999/5/EC.

The Conformity assessment procedure referred to in Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

Bay Area Compliance Laboratories Corp.1274 Anvilwood Ave, Sunnyvale, CA 94089,USA
 Identification mark: 1313 the equipment will also carry the class 2 equipment identifier



Signature: 2014.11.01
Printed name/title: Daniel Readman/Manager
Tel: +44 (0) 20 7491 6930
Address: Suite 4B, 43 Berkeley Square, London, W1J 5FJ, United Kingdom

CE1313

SAR Information

Head: 0.247 W/kg@10g (CE)
Body: 0.562 W/kg@10g (CE)

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5 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. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Note:

Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.

CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

The product shall only be connected to a USB interface of version USB2.0

Adapter shall be installed near the equipment and shall be easily accessible.

The UK Charger:

Model: TC120

Input: AC 100-240V 50/60Hz 0.15A

Output: DC5.0V, 1000mA

The EU Charger:

Model: A34-501000

Input: AC 100-240V 50/60Hz 0.2A

Output: DC5.0V, 1000mA

The plug considered as disconnect device of adapter.

Operation temperature: -20°C - 40

