

RAPTOR E5 - Quick Start



OVERVIEW

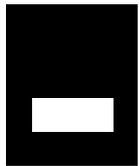


ACCESSORIES

The following accessories are included with every Raptor E5:



Screen protector - Added protection for your device screen against knocks and scratches.



Battery - Large 4000mAh battery and back door.



Power supply - Country specific power supply used for charging.



Vehicle Charger - 12/24v USB charger to charge device whilst in vehicle.



USB Cable - USB cable for charging and syncing via PC or power supplies.

BUTTONS

The Raptor E5 has six buttons which will make the use of your device much easier. Below there's a list of the buttons and the respective descriptions.



PHYSICAL KEYS

Volume + - Increase volume of speaker and earpiece while in call.

Volume - - Decrease volume of speaker and earpiece while in call.

Power - Used to switch device on, or put/wake device into/out of standby mode.

Programmable button - Can be assigned to any task or function using the E5's API, PTT compatible.

Scanner buttons - left and right scanner / RFID activate buttons.

SOFT KEYS

Home - The Android "**Home**" button brings the device to the home screen.

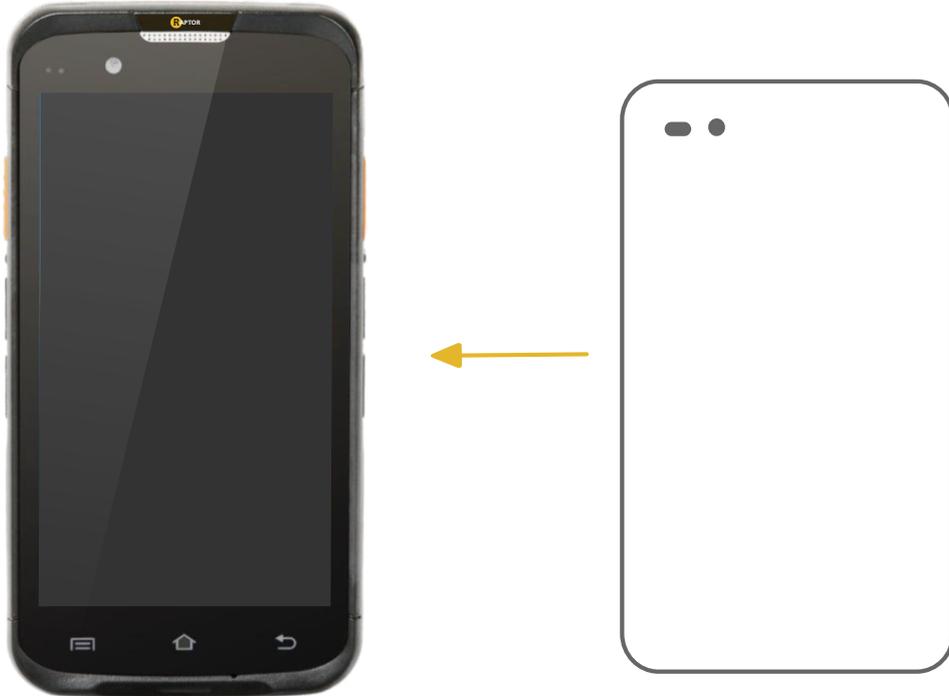
Menu soft key - The Android "**Menu**" key brings up the menu feature and will behave differently depending on what app you are running at the time.

Back soft key - The Android "**Back**" key will revert to the last app/page in the application stack running on the device.

Attaching the screen protector

All Raptors are provided with a screen protector which must be used in order to maintain the warranty of the device. A screen protector not only helps defend against scratches and knocks to the screen, but it will also help prolong the life of your device.

A range of different protectors are available for different purposes (privacy, anti glare, impact).



Attach the screen protector following these instructions:

Step 1: Check there isn't already a screen protector on the device. Most Raptor smartphones have one pre-attached in the box.

Step 2: Remove the old screen protector if necessary by simply peeling it off. Now make sure you **clean** the screen thoroughly to remove dirt, dust and any fluff that will create bubbles in the adhesion.

Step 3: **Peel** the underside of the screen protector off, being careful not to let it touch anything.

Step 4: Now carefully line up the top of the screen protector with the top of the device LCD. Carefully let it drop onto the screen making sure it lines true all the way down to the bottom as you go. Use a credit card to smooth out any bubbles as you go.

Step 5: Once you're happy, **peel** off the top protective layer of the screen protector off and you're done!

STATUS BAR ICONS

The Android OS of the Raptor E5 device is constantly monitoring for new notifications and status' of the device. Apps can create there own icons but below are some of the more common ones with their meanings.



Phone connection icons:

Icon	Meaning
	No signal
	Signal strength
	Roaming (outside of normal service area)
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	HSPA+ network connected
	LTE network connected

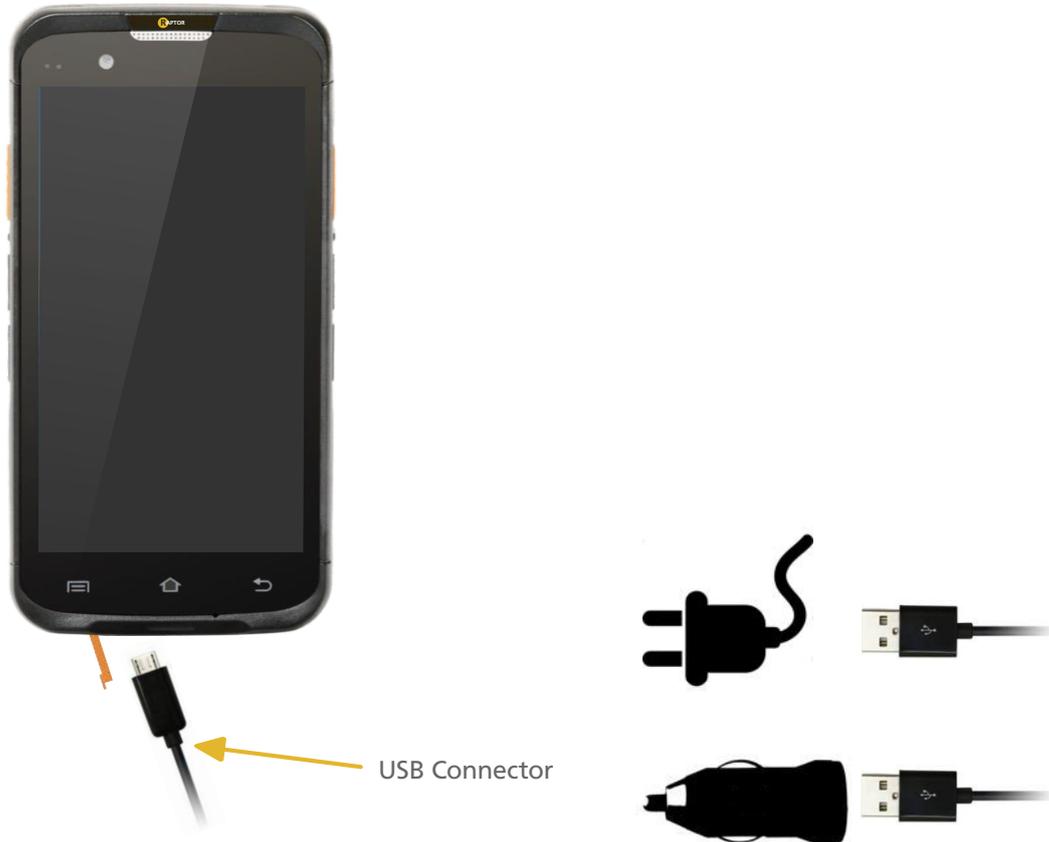
Other icons:

Icon	Meaning
	Mute mode activated
	Vibration mode activated
	Flight mode activated
	Error occurred or caution required
	Battery power level
	Wi-Fi connected
	Bluetooth feature activated
	GPS activated
	Call in progress
	Missed call
	Air gesture feature activated
	Smart screen feature activated
	Synced with the web
	Connected to computer
	No SIM or USIM card
	New text or multimedia message
	Alarm activated

CHARGING

The Raptor E5 can be charged in multiple ways:

The Micro USB connector on the device along with the USB lead and chargers provided are used to charge your device safely.



How to charge your device using a domestic charger:

Step 1: Pull open the rubber cover at the bottom of the device marked with the USB symbol. 

Step 2: Insert the micro USB end of the provided USB cable carefully into the Micro-USB connector in the device. Please ensure you are careful when doing this as Micro-USB connectors can be easily damaged if not used correctly.

Step 3: Plug the other side of the cable into either the USB-A socket of the domestic or vehicle charger.

Please note: Only the supplied power units and cables must be used. Third party accessories have not been tested with Raptor devices and could cause electrical and physical harm to the connectors and the device.

CHARGING

The Raptor E5 can be charged in multiple ways:

The rugged connector on the E5 allows for rugged, drop in charging with the E5 cradle. The cradle will charge a device and spare battery at the same time.



How to charge your device using a cradle charger:

Step 1: Ensure there is nothing obstructing the connector on the device and pins on the cradle.

Step 2: Plug the barrel connector cable, supplied with the cradle kit into the connector at the back of the cradle, ensuring the other side is plugged into the supplied USB power supply.

Step 3: Slide the E5 device carefully into the cradle until you see the charge light or can see the battery icon change to the charging indicator.

Please note: Only the supplied power units and cables must be used. Third party accessories have not been tested with Raptor devices and could cause electrical and physical harm to the connectors and the device.

SYNCING & CONNECTING ACCESSORIES

The Micro USB connector can also be used to connect and sync your device with other accessories or devices. You can connect either via the cradle or directly from the device.



How to connect your device with a PC:

Step 1: Pull open the rubber cover at the bottom of the device marked with the USB symbol, or find the data USB connector on the underneath of the cradle.

Step 2: Insert the micro USB end of the provided USB cable carefully into the Micro-USB connector in the device or cradle, ensuring you are careful when doing this, as Micro-USB connectors can be easily damaged if not used correctly.

Step 3: Plug the other side of the USB cable into a free USB-A socket in your PC or laptop.

Please note that the USB cable on the cradle will not charge the device, it will only pass data.

Using an OTG (on the go) cable:

Carefully connect the cable into the device exactly the same as described above. The other end of the OTG cable is a USB-A socket. You can now connect any device with a USB connector into this socket, such as a keyboard or barcode scanner, and the device should be able to automatically communicate with it.

CONNECTORS

The connectors allow external peripherals to be connected to the device. Read below a short explanation of the connectors and their location.



All connectors have rubber covers which are required to maintain the IP rating of the device.

To use the connector, simply pull up on the tab of the rubber cover, to expose the connector underneath.

USB connector - Standard Micro-USB connector used for charging the device, syncing with a PC or to host USB communication via the supplied OTG cable.

External headset - Stereo DIN connector for use with supplied headset/MIC. It can be used for making phone calls and for listening to music on the device discretely.

REPLACING THE BATTERY AND CARDS

The replaceable battery, dual SIM cards and Micro-SD storage cards are accessed by removing the battery cover.



Removing the battery cover

Step 1: Twist both screws on the battery cover on the back of the device until they're in the unlocked position.

Step 2: Remove the cover by pulling from top at point A where there's a small recess in the cover with your finger.

Step 3: Remove the battery back cover from the device fully, taking care not to lose any screws.

Replacing / replacing the battery

Pull the battery up at the top at point A using your finger. The battery will lift up and you can then get hold of it to remove it completely.

To replace the battery you do the opposite, seating the top of the battery in first and then pushing the bottom in until the battery is seated firmly in place.



Installing SIM and SD cards

Once the battery is removed you can insert SIM/SAM and SD cards. Raptors use standard sizes for all cards as found in most mobile devices.

To install a SIM or SAM card, place the card onto the device and then gently slide it up and into the connector until firmly in place.

To remove or install a micro-SD card:

- The Micro-SD slot is at the bottom left corner of the battery compartment.
- Simply slide the SD card down into the slot.
- Pull the card up and out to remove it.



MAINTAINING RUGGEDNESS

Your Raptor device is fully rugged. However, you must be careful and use the device correctly to ensure it remains rugged at all times.



Connector rubber covers - Must be kept securely fitted at all times to ensure maximum IP rating of the device. When using connectors, make sure to only use supplied accessories and be careful to not allow water or dust to enter the device.

Battery cover - Must be securely fastened and in the “locked” position securely. make sure the seal on the cover is clean and clear of anything which will compromise the sealing of the device.

Be careful not to expose the device to water or dust when swapping out the battery, SIM/SAM or SD cards.

Casing - Check your device regularly for knocks or cracks in the casing. Your Raptor is rugged, however, multiple drops over time can compromise the case and seals, allowing water and dust to enter the device.

Immersion - In water is not recommended. The E5 has an IP rating of IP65 so whilst it is weather proof and can withstand heavy sprays of water at all angles, it is not designed to be submerged in water.