

NAUTIZ X81

QUICK START GUIDE



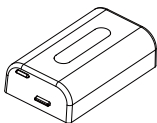
handheld

① WHAT'S IN THE BOX

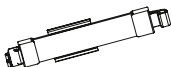
The pictures shown below may differ from the actual products. To purchase additional or optional products, contact our customer center.



Nautiz X81 Main Body



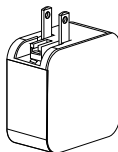
Standard Battery



Hand Strap

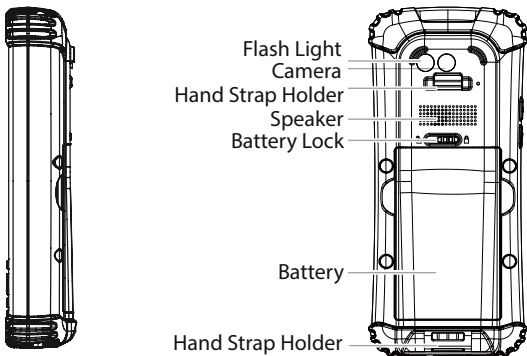
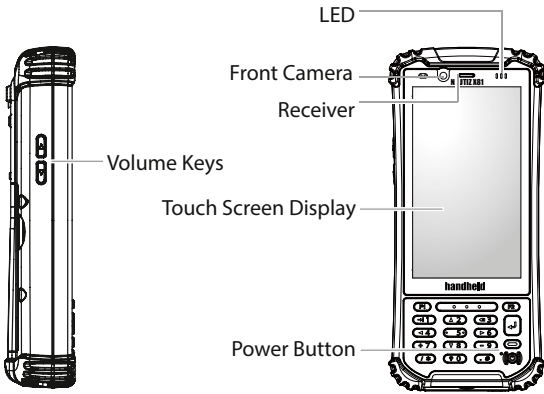


USB Cable



Adaptor

② YOURNAUTIZX81

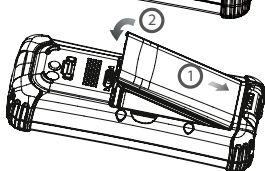
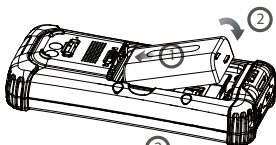
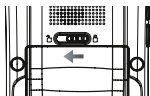


③ INSERT/REMOVE BATTERY

To insert the battery

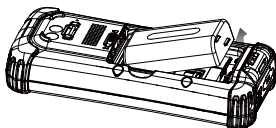
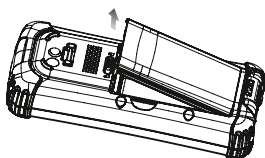
1. Remove the battery cover by sliding the door's lock left and lift up the cover.
2. Insert the battery.
3. Close the battery cover.

Battery door unlock



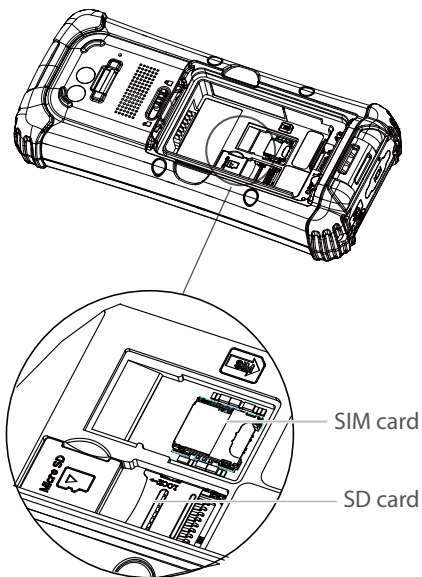
To remove the battery

1. Power off the PDA.
2. Open the battery cover by sliding the door's lock left and lift up the cover.
3. Remove the battery.



④ INSERTING/EXTRACTING SIM/MICRO SD CARD

This is how you insert and remove the SIM/micro SD.



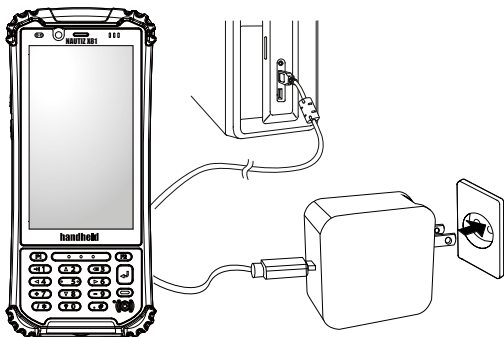
⑤ POWERING ON/OFF

Press the [Power] button at the bottom of the keypad to turn the Nautiz X81 unit on/off.

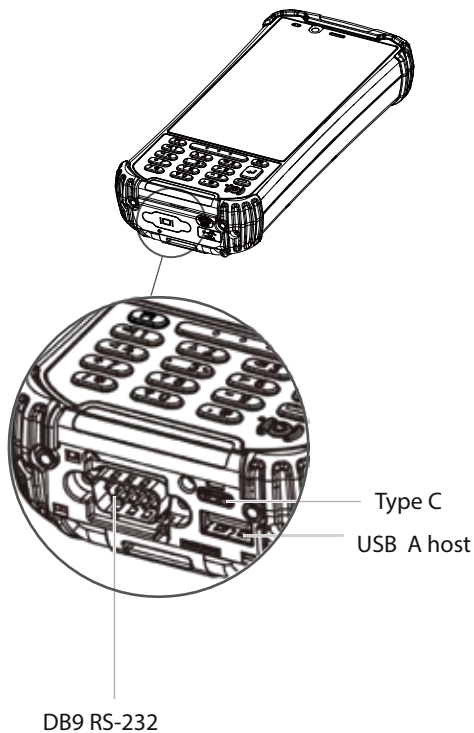


⑥ BATTERY CHARGING

Use supplied power adapter and USB cable to charge the Nautiz X81. Charge the Nautiz X81 before using the device for the first time.



⑦ BOTTOM PANEL LAYOUT



Please go to www.handheldgroup.com/knowledgebase to download more information.

1. FCC

- 1.1 Part 15.21

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

- 1.2 Part 15. 105

15.105(b)

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.

- 1.3 Part 15.19

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.

▪ 1.4 RF EXPOSURE

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 5mm between the radiator and your body.

2. ISED

▪ 2.1

Canadian Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Avis Canadien

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

▪ 2.2 RF EXPOSURE

Caution: Exposure to Radio Frequency Radiation.

1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
2. To comply with RSS 102 RF exposure compliance requirements, a separation distance of at least 5mm must be maintained between the antenna of this device and all persons.

Attention: exposition au rayonnement radiofréquence.

1. Pour se conformer aux exigences de conformité RF canadienne l'exposition, cet appareil et son antenne ne doivent pas être co-localisés ou fonctionnant en conjonction avec une autre antenne ou transmetteur.
2. Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 5mm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

▪ 2.3 WI-FI 5GH

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

For the frequency 5600-5650 MHz, no operation is permitted
Pour la fréquence 5600-5650 MHz, aucune opération est autorisée.

3. NOTE

1. If the product has any abnormal state, please contact the manufacturer to deal with it, and the product must be serviced by a skilled person.
2. This equipment is not suitable for use in locations where children are likely to be present.
3. Replace the micro SDXC card, nano SIM card or battery pack, the DC powered equipment must be removed.

1. SAR is measured with the device at 5 mm to the body, while transmitting at the highest certified output power level in all frequency bands of the device. The maximum SAR value is 1.031 W/kg (head/body) averaged over 10 gram of tissue.

This equipment should be installed and operated with a minimum distance of 0.5 cm between the radiator and your body.

Radio Type / Description		Transmitter Frequency (MHz)	Maximum Output Power
	NFC	13.56	-8.00 dBuA/m @10m
Bluetooth	BR+EDR	2402 ~ 2480	9.65 dBm
	Low Energy	2402 ~ 2480	1.45 dBm
WLAN 2.4G	802.11b	2412 ~ 2472	17.72 dBm
	802.11g	2412 ~ 2472	19.75 dBm
	802.11n 20	2412 ~ 2472	19.60 dBm
	802.11n 40	2422 ~ 2462	19.43 dBm
WLAN 5G	802.11a	5150 ~ 5250	21.64 dBm
		5725 ~ 5875	12.82 dBm
	802.11n_20M 802.11ac_20M	5150 ~ 5250	21.57 dBm
		5725 ~ 5875	12.75 dBm
	802.11n_40M 802.11ac_40M	5150 ~ 5250	21.60 dBm
		5725 ~ 5875	12.71 dBm
	80211ac_80M	5150 ~ 5250	19.65 dBm
		5725 ~ 5875	12.71 dBm

Radio Type / Description		Transmitter Frequency (MHz)	Maximum Output Power
LTE (E-UTRA)	FDD 1	1920~1980	23 dBm
	FDD 3	1710~1785	23 dBm
	FDD 7	2500~2570	23 dBm
	FDD 8	880~915	23 dBm
	FDD 20	832~862	23 dBm
	FDD 28	703~748	23 dBm
	FDD 32	1452~1496	23 dBm
	FDD 38	2570~2620	23 dBm
	FDD 40	2300~2400	23 dBm
	FDD 41	2496~2690	23 dBm
	FDD 42	3400~3600	23 dBm
	FDD 43	3600~3800	23 dBm

Radio Type / Description		Transmitter Frequency (MHz)	Maximum Output Power
NR operating Band	FDD n1	1920~1980	23 dBm
	FDD n3	1710~1785	23 dBm
	FDD n7	2500~2570	23 dBm
	FDD n8	880~915	23 dBm
	FDD n20	832~862	23 dBm
	FDD n28	703~736	23 dBm
	TDD n38	2570~2620	23 dBm
	TDD n40	2300~2400	23 dBm
	TDD n41	2500~2690	23 dBm
	SDL n75	1432~1517	23 dBm
	SDL n76	1427~1432	23 dBm
	TDD n77	3400~4200	23 dBm
	TDD n78	3400~3800	23 dBm

3. Requirements in AT/BE/BG/CZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/-CY/LV/LI/LT/LU/HU/MT/L/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/UK/HR
This device is restricted to indoor use only when operating in the 5150 to 5250 MHz band.

Version 1.0

handheld

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