American Innovations

ARCHER 4 RUGGED HANDHELD DATA COLLECTOR

Quick Start Guide

A) Power Button
B) Volume Up
C) Volume Down
D) Programmable Key P1
E) Proximity Sensor
F) Ambient Light Sensor
G) 16 MP Front Camera
H) RGB LED Indicator
I) Front Speaker
J) Fingerprint Sensor
K) Programmable Key P2
L) Camera Flash/Flashlight
M) 48 MP Rear Camera
N) Expansion Pod Attachment
O) Rear Speaker
P) Battery Door Locks
Q) Battery Door
R) Microphone
S) USB Type-C Connector
T) Hand Strap Mounting Loop

1

6-12 HOURS

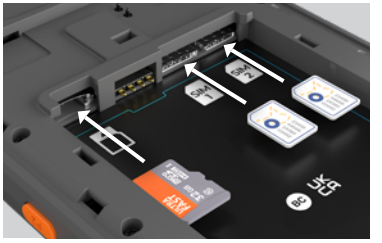
⚠ **CAUTION:** Fully charge your battery before your first use.

⚠ **CAUTION:** For best performance only use the supplied USB Charger and Cable. DO NOT USE THE USB PORT IF IT IS WET. Make sure to dry out the port completely before connecting to power. Failure to do so will void the warranty.

2

INSTALL SIM OR SD CARDS

1) With the unit powered on, simultaneously press the power button and volume up button.
2) Tap Power Off. Allow the device to power off.
3) Unlock and remove the battery door to access the cards by sliding the two locking spots to the symbol unlock slots.
4) Remove battery.



5) Orient the SIM card so the contacts are facing away from you. Orient the microSD card with the connectors facing down and away from you.
6) Gently push the card into the slot.

⚠ **CAUTION:** Do not force the card into the slot as it may damage the device. If the card does not install properly, check the orientation and try again.

NOTE: The Archer 4 only accepts microSD and nano SIM cards.

REMOVING SIM OR SD CARDS

1) To remove a card, gently press the card and then release. The card will spring out.
2) Carefully replace the battery.
3) Carefully replace the battery door and lock the battery door latches.

⚠ **WARNING:** The battery door must be properly seated, secured and locked before exposing the unit to water. Failure to perform steps 2-3 could lead to water damage of the unit.

3

POWER ON
1) Press and hold the power button down for 3 seconds.

ARCHER 4
www.junipersys.com/archer4-documentation

ADDITIONAL SETUP

POWER OFF
1) Simultaneously press the power button and volume up button.
2) Tap Power Off on the screen.

ADD YOUR GOOGLE ACCOUNT
1) Tap Settings app.
2) Tap Users & Accounts and then tap Add Account.
3) Tap Google on the Add an Account screen.
4) Follow the instructions to setup your Google Account.

ACCESS APPLICATIONS
1) Swipe up from the bottom of the Home screen. The Apps screen shows all applications installed on your device.
2) Press and drag the icon for any application to create a shortcut on the Home screen.
3) Tap Play Store to find and install new applications.

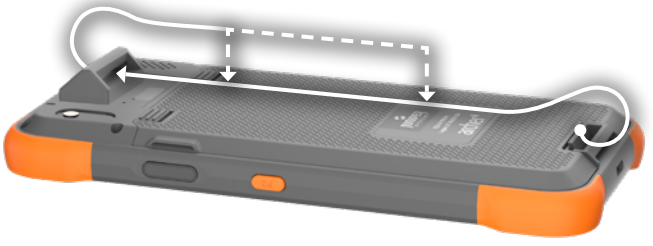
CONNECT TO WI-FI (WIRELESS LAN)
1) Swipe down from the top of the screen.
2) Long tap Internet.
3) Tap Wi-Fi to turn Wi-Fi on.
4) Tap on the network you want to access.

The Wi-Fi indicator will appear at the top of the screen when connected.

CONNECT TO BLUETOOTH®
1) Swipe down from the top of the screen.
2) Long tap the Bluetooth® icon.
3) Tap Pair new device. A list of possible devices displays. Previously paired devices are listed as Saved devices.
4) Choose the name of the device to pair to from the list.

The Bluetooth® icon will appear at the top of the screen when connected.

ADJUSTABLE HAND STRAP



RADIO EQUIPMENT DIRECTIVE INSTRUCTIONS

DOCUMENT SCOPE
This document satisfies the requirements of the Radio Equipment Directive (2014/53/EU) to deliver basic product information and instructions. This information may be different for configurations of the product built for regions other than the European Union.

For more information, see the Archer 4 User's Manual at www.junipersys.com/support > Archer 4 > Documentation.

EU DECLARATION OF CONFORMITY
Hereby, Juniper Systems, Inc. declares compliance with Directive 2014/53/EU for radio equipment type Archer 4. The full text of the EU declaration of conformity is available at the following internet address: www.junipersys.com/doc.

	AT	**BE**	**BG**	**CH**	**CY**	**CZ**	**DE**	**DK**	**EE**	**EL**	**ES**	**FI**
	FR	**HR**	**HU**	**IE**	**IS**	**IT**	**LI**	**LT**	**LU**	**LV**	**MT**	**NL**
	NO	**PL**	**PT**	**RO**	**RS**	**SE**	**SI**	**SK**	**TR**	**UK**		

SAFE OPERATION
The internal battery can power the handheld for up to five minutes while you replace the primary battery. When replacing the primary battery, ensure that the internal battery is fully charged or power off the handheld to prevent data loss or damage.

Only use batteries designed for the Archer 4 from an approved vendor. Use of non-approved batteries may void your product warranty.

The unit is not designed to run on external power without a battery installed. Doing so can damage internal components of your unit and void the warranty.

The Archer 4 is not sealed against water and dust when the battery door is not installed.

Forcing a shut-down while the handheld is running can cause damage to the device. NEVER do this to power off an Archer 4 in normal circumstances.

Do not direct a high-pressure stream of water at the handheld to clean it. This action could break the seal, causing water to get inside the handheld and voiding the warranty.

Do not use abrasive pads, soft bristle brushes, or harsh cleaning solutions on the touchscreen.

Exposure to some cleaning solutions may damage your device, including automotive brake cleaner, isopropyl alcohol, carburetor cleaner, and similar solutions. If you are uncertain about the strength or effect of a cleaner, apply a small amount to a less visible location as a test. If any visual change becomes apparent, promptly rinse and wash with a known mild cleaning solution or with water.

Do not attempt to repair the Archer 4 yourself. This action voids the warranty.

BATTERY SAFETY
This device comes with a rechargeable lithium-ion battery pack. To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or expose the battery pack to fire.

Do not disassemble or open, crush, bend or deform, puncture or shred.

Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.

Only use the battery for the system for which it is specified.

Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

Replace the battery only with another battery that has been qualified with the system.

Use of an unqualified battery may present a risk of fire, explosion, leakage, or other hazard.

Promptly dispose of used batteries in accordance with local regulations.

Battery usage by children should be supervised.

Avoid dropping the battery. If the battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

Improper battery use may result in a fire, explosion or other hazard.

Risk of explosion if battery is replaced by incorrect type.

Dispose of used batteries according to the instructions.

WALL CHARGER SAFETY
To reduce the risk of personal injury, electrical shock, fire or damage to the equipment:

Plug the wall charger into an electrical outlet that is always easily accessible.

Do not place anything on the wall charger cord or any of the other cables. Arrange them so that no one may accidentally step on or trip over them.

Do not pull on a cord or cable. When unplugging the wall charger from the electrical outlet, pull on the plug, not the cord.

Use the AC USB charger provided with the Archer 4. The wall charger provided with the Archer 4 is a 5 V, 3 A, 15 W AC/DC charger. Using a charger with different power outputs can affect battery recharging, damage your handheld, and void your warranty.

BATTERY INSTRUCTIONS
Charge the battery within the charging temperature range.

Use only the specified battery with the handheld.

Install the battery in the handheld, following the instructions on the battery pack.

HANDHELD INSTRUCTIONS
Install the battery pack in the handheld and connect the AC/DC adapter between the handheld and AC mains to allow the system to charge the battery pack.

Press the power button to power on the handheld. The first time the handheld is powered on, follow the prompts to complete the initial setup of the handheld.

When the handheld has booted to the operating system, you may install software or complete other system configuration according to your use of the handheld.

When the battery is charged, you can disconnect from the AC/DC adapter for portable use of the handheld.

When finished working with the handheld, connect to the AC/DC adapter to recharge the battery.

FREQUENCY BANDS
The radio technologies, frequency bands, and maximum transmit power are listed separately at the end of this document.

FREQUENCY BANDS

BLUETOOTH®
- 2402~2480 MHz—8.58 dBm

WI-FI
- 2.4G—18.64 dBm
- 5G—17.19 dBm
- 6G—10.80 dBm

NFC
- 13.56 Mhz— -21.01dBua/m@10m

CELLULAR

LTE BANDS
- 1—23.19 dBm, 3—22.65 dBm, 7—23.20 dBm, 8—23.33 dBm, 20—22.52 dBm, 28—22.74 dBm, 38—23.21 dBm, 40—23.21 dBm

NR
- N1—23.64 dBm, N28—23.43 dBm, N41—25.39 dBm, N77—27.28 dBm, N78—27.27 dBm

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