



SOCKETSCAN S320

BARCODE SCANNER

USER GUIDE

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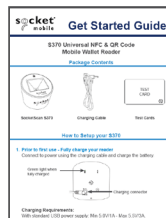
PACKAGE CONTENTS



SocketScan S320



USB-C
Charging Cable

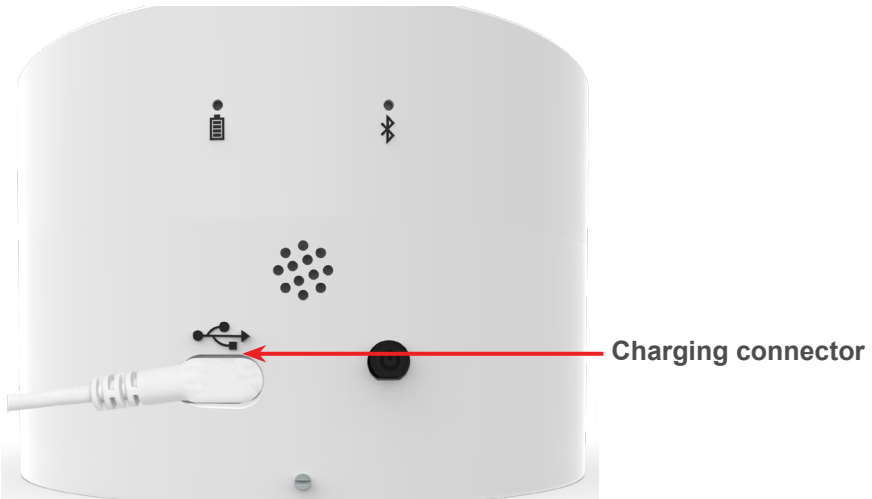


Test Cards

Thank you for choosing Socket Mobile!
Let's get started!

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CHARGE THE BATTERY



The S320 must be fully charged before first use. Please allow 8 hours uninterrupted charging for the initial battery charge.

The reader can be battery operated for up to 4 hours or connected to power for all day business use.

Charging Requirements:

USB-C power supply (not included): Min 5.0V/1A - Max 5.5V/3A



Yellow Light = Charging



Green Light = Fully charged



Important: Charging from a computer USB port is not reliable and not recommended.



Powering On:

Press and hold down the power button until the top LED light turns Green and the S320 plays a melody.

The S320 automatically turns on when connected to power.

When disconnected, double tap the power button to initiate a scan.

BLUETOOTH CONNECTION MODES

Operating System Connection Options

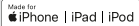
Operating Systems (OS)	Devices	Bluetooth SPP Support	Bluetooth Apple Serial Specific (MFi Mode)
Android	Android 4.0.3 & later	Yes	N/A
Apple iOS	iPod, iPhone, & iPad	N/A	Yes
Windows PC	Windows 10 & later	Yes	N/A
Mac OS	Mac OS X, Mac Books, Mac Mini, & iMac	No	N/A

Note: To switch from one mode to the other you must remove the pairing information from both devices - host device and the barcode reader. (see pairing reset procedure on [page 25](#))

Connect your barcode reader using one of the following Bluetooth connection modes:



Bluetooth Connection Profiles

Bluetooth Mode	Description
iOS Application Mode* (Default)  Use this mode with an Apple app designed for Socket Mobile barcode readers.	Use with an App developed for iOS devices Software installation is required Mode to use for iOS applications that support Socket Mobile readers
Android/Windows Application Mode  Use this mode with an Android app designed for Socket Mobile barcode readers.	Software installation is required More efficient and reliable data communications for barcodes containing lots of data Mode recommended for applications supporting Socket Mobile readers

***By default, the barcode reader is set to iOS Application Mode**

Initiator

Configures the barcode reader to initiate a connection to a computer/device with the Bluetooth Device Address specified in the barcode.

The barcode must be formatted in Code 128 and contain the data #FNlaabbccddeeff# such that aabbccddeeff is the Bluetooth device address of the computer/device you want to connect to the barcode reader.

You must create a custom barcode for each computer/device that you want to connect to the barcode reader.

Socket Mobile Companion helps you configure Socket Mobile barcode readers from the convenience of a mobile device.



Register a device and extend your warranty by 90 days

- Add multiple devices
- Purchase accessories (limited availability)
- Browse app partners

The Companion app enables you to configure the reader into the faster and more accurate App Mode, so it can be controlled by other apps, such as Shopify and Square, to name a couple of the 1000+ apps available.

The Socket Mobile Companion app is designed to ensure you get the maximum utility benefits from your Socket Mobile devices.



Scan this QR code with your mobile device to download our new app!



Scan this QR code with your mobile device to download our new app!



Made for
iPhone | iPad | iPod

Scan QR Code using your host device to download Socket Mobile Companion app to pair your barcode reader.



Watch how to set up using the Socket Mobile [Companion](#) app for demonstration.

Launch your barcode reader-enabled Application. The barcode reader will beep once indicating that it is connected to the appropriate application.

Now you are ready to scan barcodes!

Please check with your barcode reader application vendor or visit www.socketmobile.com/appstore to confirm your barcode reader-enabled application supports the barcode reader.



Scan QR Code using your host device to download Socket Mobile Companion app to pair your barcode reader.



Launch your barcode reader-enabled Application. The barcode reader will beep once indicating that it is connected to the appropriate application.

Now you are ready to scan barcodes!



Note: Make sure you have administrative privileges.

1. Download [Companion](#) for Windows:
2. Follow on-screen instructions to install the software
3. Power on the barcode reader. Make sure the barcode reader is discoverable to be connected to Bluetooth (unpaired).
4. Launch Companion from icon in the task tray. In the pop-up menu, click Open.
5. Click the “Start” button and follow the instructions in the wizard.
6. Once complete, you will be ready to scan using Socket’s keyboard emulation (this should be turned off if you have an application that supports the CaptureSDK).

Now you are ready to scan barcodes!

HOW TO REPLACE YOUR BATTERY

What you'll need:

- Phillips screwdriver
- Rechargeable battery

How to replace your battery:

1. Loosen screw with a screw driver.
2. Remove battery door.
3. Remove and replace battery.
4. Attach battery door and tighten screw.

Battery life may vary with usage and work environment. Replace within 2 years.

BEEP AND VOLUME SETTINGS

Scan one of the barcodes to enable/disable beep and control the volume level.

Note: The reader will not beep, play a melody or power off when scanning the command barcodes below.

Volume 0



#FNBSNDVOL0#

Volume 1



#FNBSNDVOL1#

Volume 2



#FNBSNDVOL2#

Volume 3 (default)



#FNBSNDVOL3#

Volume 4



#FNBSNDVOL4#

Volume 5



#FNBSNDVOL5#

POWER STATUS INDICATOR

On Battery	Event	Power LED
	Battery capacity 100%→25%	Solid Green
	Battery capacity 25%→10%	Solid Yellow
	Battery capacity <10%	Solid Red
	Battery capacity<5%	Quick Blinking Red (1 per second)
	Unknown state (new battery)	Flashing in Red

On External power supply	Event	Power LED
	Battery is charging	Breathing Amber (3 sec fade in/3 sec fade out)
	Battery at full capacity	Solid Green

Technical Support & Product Registration:

<https://sckt.tech/support>

United States (toll free):

8am - 4pm EST

[+1 800-279-1390](tel:+18002791390)

Worldwide

8:00am - 4:00pm EST

[+1 510-933-3020](tel:+15109333020)

EMEA & RUSSIA:

1:00PM - 10:00PM CET

[+41 \(800\) 555714](tel:+41800555714)

UK (TOLL FREE), IRELAND, SOUTH AFRICA:

12PM - 9PM GMT

[+44 \(800\) 0487363](tel:+448000487363)

JAPAN TOLL FREE:

9:00AM - 5:00PM JST

[+81 \(800\) 9190303](tel:+818009190303)

Warranty Checker:

<https://www.socketmobile.com/support/warranty-checker>

Socket Mobile Developer Program:

Learn more at: <https://sckt.tech/capturesdk>

The User's Guide (full installation and usage instructions) and Programming Guide (Advanced Barcode reader Configurations) can be download at:

<https://sckt.tech/downloads>

SAFETY AND HANDLING INFORMATION



WARNING: Failure to follow these safety instructions could result in fire or other injury or damage to the reader/writers or other property.

Carrying and Handling the reader/writers: The Socket Mobile reader/writer contains sensitive components. Do not disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, or insert foreign objects into this unit.

Do not attempt to disassemble the product. Should your unit need service, contact Socket Mobile technical support at <https://sckt.tech/HardwareSupport>

Changes or modifications of this product, not expressly approved by Socket Mobile may void the user's authority to use the equipment.

Do not charge the reader/writer using an AC adapter when operating the unit outdoors, or in the rain.

Operating Temperature - this product is designed for a maximum ambient temperature of:

- Plugged into power: -20° to 50° C (-4° to 122° F)
- Battery powered: 0° to 38° C (32° to 100° F)

Pacemaker Disclaimer: For now, we do not have specific information on the effect(s) of Bluetooth devices on pacemakers.

Socket Mobile cannot provide any specific guidance. Individuals who are concerned with using the reader/writer should immediately turn the device off.

FCC ID: LUBS320



Federal Communication Commission Interference Statement

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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).



FCC Guidelines for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Radio Frequency Interference Requirements

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

IC ID: 2925A-S320

Industry Canada

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device

Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement"

The radio transmitter has been approved by Industry Canada to operate only with the antenna(s) supplied. Use of any other antenna(s) is strictly prohibited for use with this product.

L'émetteur radio a été approuvé par Industrie Canada pour fonctionner uniquement avec l'antenne(s)

INDUSTRY CANADA RADIATION EXPOSURE STATEMENT MPE/SAR

To comply with RSS-102 requirements, a separation distance of 20 cm must be kept between the device and the user at all times.

Pour se conformer aux exigences RSS-102, une distance de séparation de 20 cm doit être maintenue entre l'appareil et l'utilisateur à tout moment.

UKCA & United Kingdom Compliance

Products intended for sale within the United Kingdom are marked with a UKCA, which indicates compliance to applicable Directives and European Normes (EN), as follows. Amendments to these Directives or ENs are included: Normes (EN), as follows:

UKCA Directives:

Electromagnetic Compatibility Regulations 2016, SI 2016 No. 1091

Electrical Equipment Safety Regulations 2016, SI 2016 No. 1101

Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, SI 2012 No. 3032

Waste Electric and Electronic Equipment (WEEE) Regulations 2013, SI 2013 No. 3113

Supplementary Information:

Safety: EN 62368-1:2020 + A11:2020

EMC	EN 301 489-1 V 2.2.0
	EN 55032:2015
	EN 55035:2017
	EN 61000-4-2:2009
	EN 61000-4-3:2006+A1:2008+A2:2010
	EN 61000-4-4:2012
	EN 61000-4-5:2006
	EN 61000-4-6:2009
	EN 61000-4-11:2004

Telec Marking Compliance

Products intended for sale within the country of Japan are marked with a Telec mark, which indicates compliance to applicable Radio Laws, Articles and Amendments.

BATTERY WARNING STATEMENTS

This device contains a rechargeable Lithium-Ion battery.

If any of the following situations arise, immediately discontinue use and contact us at: <https://sckt.tech/HardwareSupport>

- Stop charging reader/writers if charging is not completed within 24 hours. Discontinue use immediately and [contact us](#).
- Stop charging the battery if the reader/writer case becomes abnormally hot, or shows signs of odor, discoloration, deformation, or abnormal conditions are detected during use, charge, or storage. Discontinue use immediately and [contact us](#).
- Stop using the reader/writer if the enclosure is cracked, swollen or shows any other signs of mis-use. Discontinue use immediately and [contact us](#).

Your device contains a rechargeable Lithium-Ion battery which may present a risk of fire or chemical burn if mistreated. Do not charge Socket Mobile data readers in temperatures above 100°F/40°C, as the reader may not charge properly.

- Never throw the battery into a fire, as that could cause the battery to explode.
- Never short circuit the battery by bringing the terminals in contact with another metal object. This could cause personal injury, or fire, and could also damage the battery.
- Never dispose of used batteries with other ordinary solid wastes. Batteries contain toxic substances.
- Dispose of used batteries in accordance with the prevailing community regulations that apply to the disposal of batteries.
- Never expose this product or the battery to any liquids.
- Do not shock the battery by dropping it or throwing it.

If this unit shows any type of damage, such as bulging, swelling or disfigurement, discontinue use and immediately and contact support@socketmobile.com.

Product Disposal

Your device should not be placed in municipal waste. Please check local regulations for disposal of electronic products.



UKCA Markings and United Kingdom Compliance

Testing for compliance to UKCA requirements was performed by an independent laboratory. The unit under test was found compliant with all the applicable Directives, 2004/108/EC and 2006/95/EC.

Waste Electrical and Electronic Equipment

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

RoHS Statement of Compliance

This product is compliant to Directive 2011/95/EC.

Non-modification Statement

Changes or modifications not expressly approved by the party responsible for compliance.

Certification

Design Patent Registration Certificates for S320 in EU and UK

We advise that any article made in accordance with these designs be marked “EC Registered Design Nos. 015043935-0001 – 015043935-0004”

We advise that any article made in accordance with these designs be marked “UK registered design Nos. 6332177 - 6332181”



LIMITED WARRANTY

Socket Mobile Incorporated (Socket) warrants this product against defects in material and workmanship, under normal use and service, for one (1) year from the date of purchase. Product must be purchased new from a Socket Authorized Distributor or Reseller. Used products and products purchased through non-authorized channels are not eligible for this warranty support.

Warranty benefits are in addition to rights provided under local consumer laws. You may be required to furnish proof of purchase details when making a claim under this warranty.

Consumables such as batteries, removable cables, cases, straps, and chargers: 90 day coverage only.



SocketCare Extended Warranty Coverage

Purchase SocketCare within 60 days from the date of purchase of the reader.

Product Warranty: The barcode reader's warranty period is one year from the date of purchase. Consumables such as batteries and charging cables have a limited warranty of 90 days. Extend your reader's standard one-year limited warranty coverage up to five years from the date of purchase.

Additional service features are available to further enhance your warranty coverage:

1. Warranty period extension only
2. One-Time Accidental Coverage
3. Premium Service

For detailed information visit: <https://sckt.tech/socketcare>