



USER GUIDE

A Bloomberg Professional Service Offering

B-UNIT[®] 3

Bloomberg

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B-UNIT 3 TECHNICAL INFORMATION

DESCRIPTION

The B-Unit 3 is a device designed to ensure the identity of a Bloomberg Anywhere® user when logging on. The device will allow for secure access to a user's Bloomberg Professional® service account.

Each B-Unit 3 is registered to a particular Bloomberg Anywhere user's account. Logging in consists of activating the device with a valid finger scan, and getting a session ID from the terminal display using Bloomberg's Screen-Sync technology to create a unique login code.

- » The B-Unit 3 is a compact and portable device.
- » The B-Unit 3 can be used with both the Bloomberg Professional service and Bloomberg Anywhere.
- » The integrated biometric sensor ensures that only the registered Bloomberg Anywhere user can use the B-Unit 3 device to login.
- » The B-Unit 3 OLED displays login status information.
- » During the Screen-Sync operation, the B-Unit 3 receives data via an integrated light sensitive photo-diode.
- » The B-Unit 3 has an expected life of 2+ years.
- » The B-Unit 3 can be re-charged via the Bloomberg Keyboard 4 or standard micro-USB adaptor.
- » The B-Unit 3 stores the authentication template in a secure on-board memory location.

SOFTWARE REQUIREMENTS

- » Bloomberg Professional service
- » Bloomberg Anywhere – Visit bba.bloomberg.net/Help for the latest requirements
- » Bloomberg Anywhere for iPhone®, iPad® or Android®

B-UNIT 3 SPECIFICATION

Product Dimensions – 3.4 x 2.1 x 0.2 inches (85.6 x 54 x 5.3 mm)

Product Weight – 0.9oz (29g)

USB Power – DC 5V, 100mA

B-UNIT 3 FEATURES

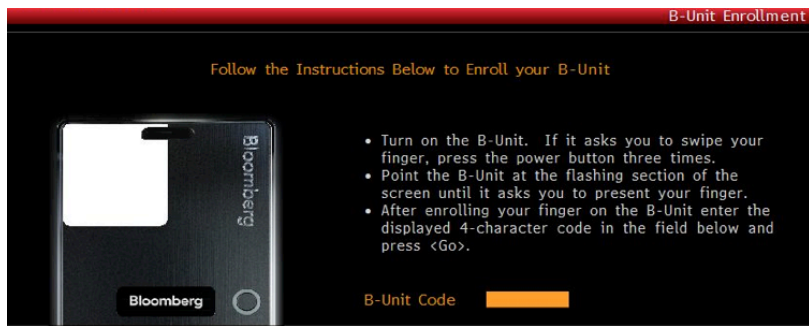
- 1 Swipe Sensor
- 2 OLED Display
- 3 Lanyard Hole
- 4 Power Button
- 5 Light Sensor
- 6 Serial Number
- 7 Micro USB



B-UNIT 3 SETUP & USE

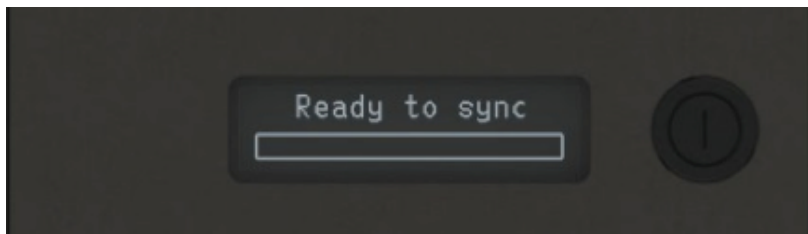
ENROLLING YOUR B-UNIT

When you first receive the B-Unit 3 you will go through a short procedure to register the device with your account and to enroll your finger with the device.

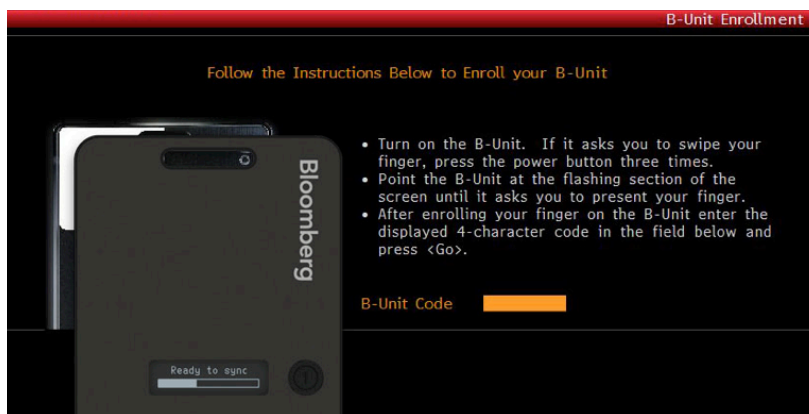


- » If you are already a Bloomberg user, log in and run BA<GO>. New users, open the Bloomberg Professional application and press <GO> to bring up the login screen.
- » Enter your username and password and press <GO>.
- » Click 'Accept' to accept the agreement.
- » You will be directed to a screen to setup your B-Unit 3 device. Press <PG FWD>.
- » Enter the eight-digit serial number located on the back of the B-Unit 3 device and press <GO>. You will be directed to a flashing screen.

NOTE: The screen will continue to flash until you have completed the enrollment process.

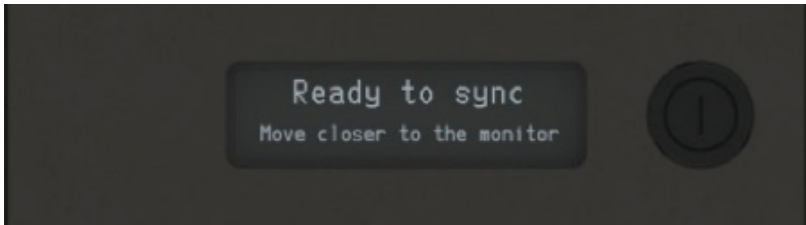


- » Turn on the B-Unit 3 by pressing the power button. The display will show 'Bloomberg' then 'Ready to Sync'.¹

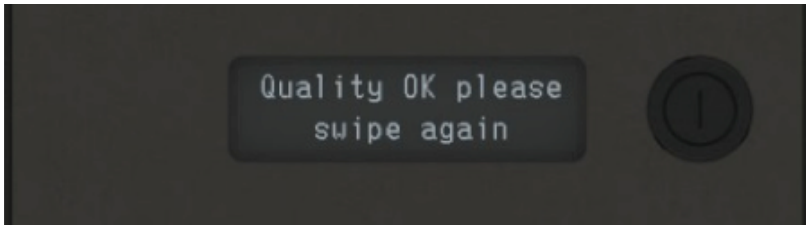


- » Hold the B-Unit 3 up to the flashing area on the screen, lining up the B-Unit 3 device with the on-screen graphic. If the B-Unit 3 display shows 'Move closer to the monitor' you may need to move the B-Unit 3 closer to the monitor or make sure the B-Unit 3 is aligned to the B-Unit 3 on-screen graphic. The B-Unit 3 display will show a progress bar indicating that data is being received.

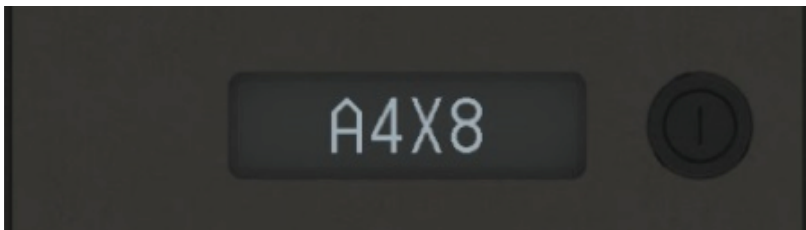
¹If you are reenrolling on your B-Unit 3, press the power button 3 times when the display reads 'Swipe to Verify' to place the device into 'Reset Mode'.



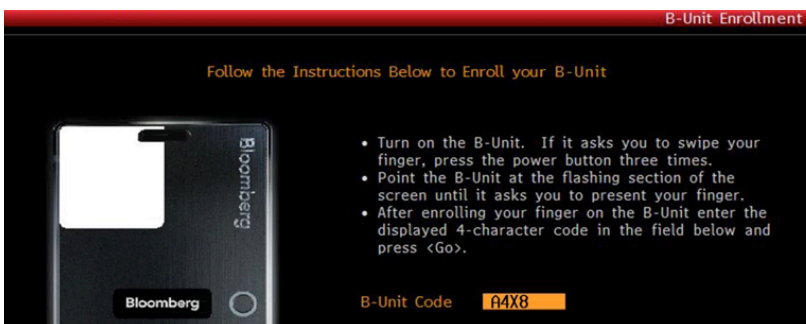
» When ready the B-Unit 3 will display 'Ready to enroll finger' then 'Swipe to enroll!'



» Select a finger to use with the B-Unit 3. You will be prompted to swipe your finger several times. Swipe your finger downward across the biometric sensor, making sure to keep your finger in contact with the sensor as you swipe.



» If enrollment is successful then you will be shown a four-character code on the B-Unit 3 display. If you were not able to enroll, you can try again by turning the B-Unit 3 back on and repeating the enrollment procedure from that step.



» Enter the four-character code into the 'B-Unit 3 Code' text field on the Bloomberg enrollment screen and press <GO>.

» You will see an "Enrollment Successful" screen and be prompted to login.

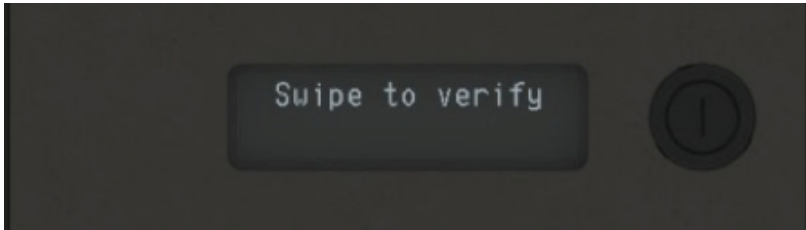
LOGGING IN

Once you have enrolled and registered your B-Unit 3, you will be able to use the B-Unit 3 to login.

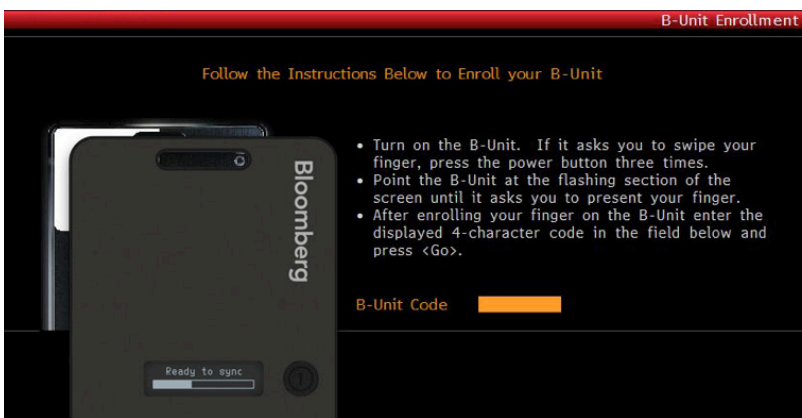
Bloomberg Professional Service – Press the <GO> key to bring up the Bloomberg Professional service login screen.

Bloomberg Anywhere – Go to bba.bloomberg.net in an internet browser.

Bloomberg Anywhere for iPhone®, iPad® or Android® – Open the Bloomberg Anywhere app



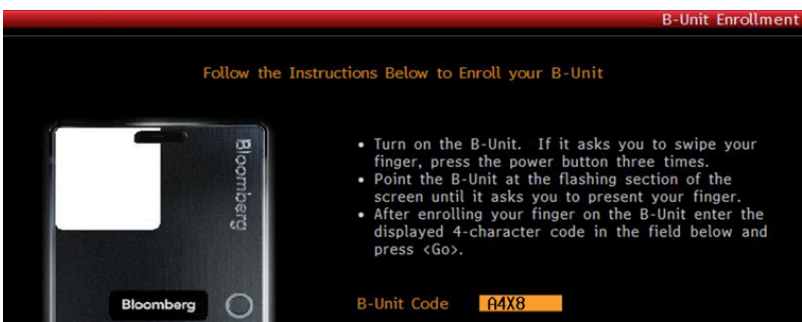
- » Enter your username and password on the login screen and press <GO>.
- » Turn on your B-Unit 3 by pressing the power button. The display will show 'Bloomberg' then 'Swipe to verify.'



- » Swipe the finger that you have enrolled, downward across the biometric sensor, making sure to keep your finger in contact with the sensor as you swipe
- » If verification is successful you will see the screen-sync progress bar on the B-Unit 3 Display². Hold the B-Unit 3 up to the flashing area on the screen, lining up the B-Unit 3 device with the on-screen graphic. If the B-Unit 3 display shows 'Move closer to the monitor' you may need to move the B-Unit 3 closer to the monitor or make sure the B-Unit 3 is aligned to the B-Unit 3 on-screen graphic. The B-Unit 3 progress bar will indicate that data is being received.



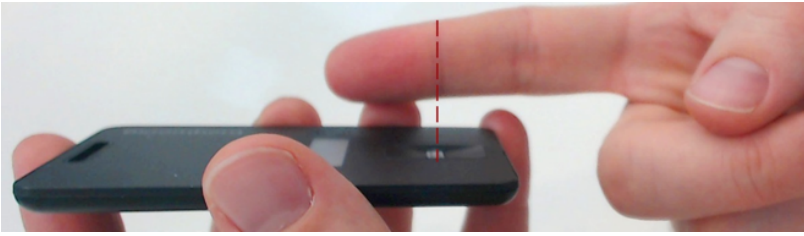
- » When screen-sync completes a four-character will appear on the B-Unit 3 display.



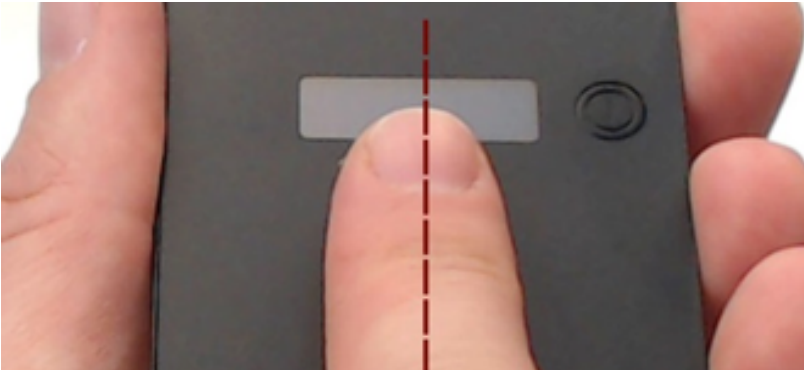
- » Enter the four-character code into the 'B-Unit 3 Code' text field and press <GO> to login to your account.

²The B-Unit Token will be displayed above the screen-sync progress bar.

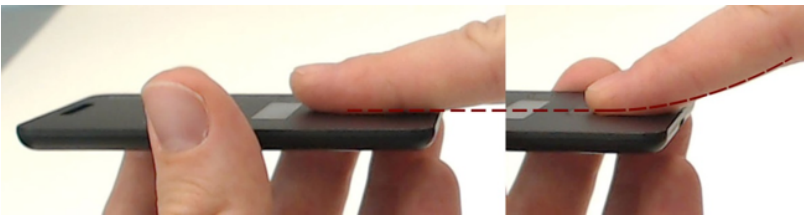
FINGER SWIPING TIPS



» Line up the first crease of your finger with the center of the sensor.



» Make sure your finger is straight along the center of the B-Unit 3 and that you swipe in a straight line downward over the sensor.



- » Start with your finger parallel to the top of the B-Unit 3. Swipe downward slowly and lightly, adjusting your hand so that your finger remains in contact with the sensor.
- » Do not swipe with just the tip of the finger.
- » Press lightly and swipe slowly.

POWER DOWN

The B-Unit 3 will turn itself off after a period of time of inactivity. To manually power down the B-Unit 3, press and hold the power button for three seconds.

If you should need to re-enroll on the B-Unit 3 with another finger, please contact Bloomberg technical support.

RETURNING THE B-UNIT

If you are already a Bloomberg user and are replacing an existing B-Unit, you cease being a Bloomberg user, or for any other reason you cease using your B-Unit 3 or any other B-Unit, you must return the device to Bloomberg. To return the B-Unit 3 or any other B-Unit to Bloomberg please visit www.Bloomberg.com/found or call the Return Materials Authorization ('RMA') Office at one of the following locations that serves your local region:

- » US +212 647 6535 (New York)
- » US +877 830 6100 (Outside New York)
- » International +44 20 7330 7313

For 24-hour support, press the HELP key twice on your Bloomberg Professional service, or call the Global Customer Support Desk at any of the following locations:

- » New York +1 212 318 2000
- » London +44 20 7330 7500
- » Hong Kong +852 2977 6000
- » San Francisco +1 415 912 2960
- » Frankfurt +49 69 92041 0
- » Singapore +65 6212 1000
- » Sao Paulo +55 11 3048 4500
- » Tokyo +81 3 3201 8900
- » Sydney + 61 2 9777 8600

APPROVALS

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:

- » Re-orient or relocate the receiving antenna.
- » Increase the separation between the equipment and the receiver.
- » Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



TRANSPORTATION

We hereby confirm that the products contained herein:

Article – B-Unit 3

Type no. containing Lithium Polymer Cell battery – Enertec p/n SPB273439A1

Have been proven to be non-dangerous by testing in accordance with the UN Manual of Tests and Criteria, Part 111, subsection 38.3, and comply to the following special provisions of international transport regulations:

- » **IATA – Special Provision A45**
- » **DOT/49 CFR – Provision 173.185**

WARNINGS

! WARNING !

- » Do not incinerate or expose B-Unit 3 to temperatures in excess of 140°F/60°C.
- » Do not place battery in or near fire, on stove or other high temperature locations, or inside cars in hot weather.
- » Do not open, puncture, crush, disassemble or subject B-Unit 3 to physical abuse.
- » B-Unit 3 contains a lithium battery. If exposed to abusive conditions, battery may get hot, explode or ignite and cause serious injury. Do not attempt to remove, replace or recharge battery.
- » Immediately discontinue use and contact Bloomberg if B-Unit 3 emits an unusual smell, changes color or shape, or appears abnormal in any other way.

! PHOTSENSITIVE SEIZURE WARNING !

- » A small number of people may experience a seizure when exposed to certain visual images, such as a flashing light. Even people who have no history of seizures or epilepsy may have an undiagnosed condition that can cause these seizures.
- » These seizures may have a variety of symptoms, including lightheadedness, altered vision, shaking, eye or face twitching, disorientation, confusion or convulsions. If you experience any of these symptoms while using your B-Unit 3, immediately stop using it and consult a doctor.

ABOUT THE BLOOMBERG PROFESSIONAL SERVICE

The founding vision in 1982 was to create an information services, news and media company that provides business and financial professionals with the tools and data they need on a single, all-inclusive platform. The success of Bloomberg is due to the constant innovation of our products, unrivalled dedication to customer service and the unique way in which we constantly adapt to an ever-changing marketplace. The Bloomberg Professional service is a powerful and flexible tool for financial professionals—whatever their needs—in cash and derivatives markets as diverse as equities, currencies, commodities, money markets, government and municipal securities, mortgages, indices, insurance and legal information. The Bloomberg Professional service seamlessly integrates the very best in real-time data, news and analytics.

In addition, Bloomberg users benefit from on-demand multimedia content, extensive electronic trading capabilities and a superior communications platform. Bloomberg customers include influential decision makers in finance, business and government. Business and financial professionals recognize the Bloomberg Professional service as the definitive tool for achieving their goals because it offers unparalleled assistance and functionality on a single platform for a single price.

