

VUZIX



User Manual

Vuzix Z100TM

Smart Glasses

⚠️ IMPORTANT

Please read the included
Safety & Warranty document
before using this device.

Charging

To charge the device, use the supplied cable to connect the magnetic charging terminal to a USB 5V power source. The LED will illuminate red while charging and turn off when charging is complete.

Vuzix smart glasses ship with a partial charge. It is recommended that the battery be fully charged for first time use.

Power Button

Glasses Display

Short Press

Wake or Sleep the device

Press & Hold, 3 seconds

Hold until LED is solid white and power icon displays.



Device disconnects and shuts down.

Press & Hold, 8 seconds

Hold until LED is solid blue and Bluetooth icon displays.



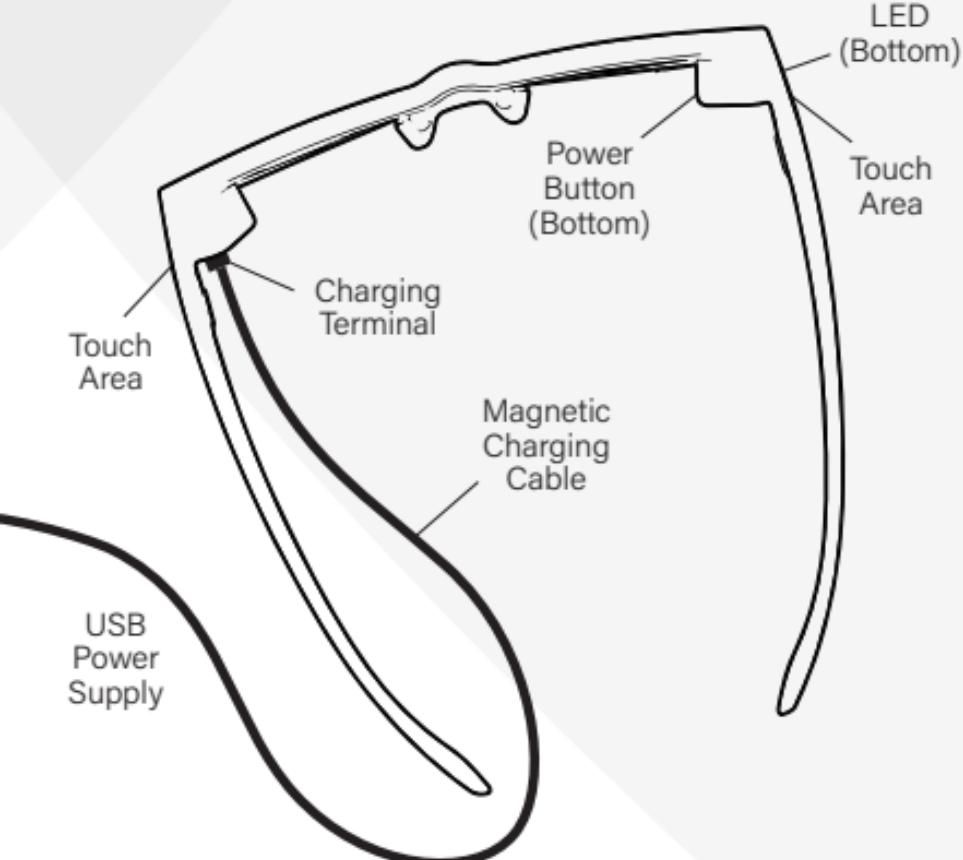
Device enters pairing mode.

Press & Hold, 12 seconds

Hold until LED blinks white and the reset icon displays.



Device performs factory reset.



Vuzix Connect App

Notification and display settings are managed on your mobile device within the **Vuzix Connect** app, available for iOS and Android. Scan the code below to install on your mobile device.



iOS



Android

Bluetooth Connection

Glasses Display

On bootup, the glasses will search for a previously paired mobile device and the LED will light solid green when powered on and searching.



To enter pairing mode, press and hold the power button for 8 seconds until the LED turns blue, then release. The LED will blink blue while the glasses are pairing. The name of the glasses will be displayed. Select this name on the mobile device in the Connect app.



When a successful connection is made, the LED will light solid blue for a few seconds and the phone name will display.



Temple Touch

Some functions allow interaction by a finger touch to the outside of the temples.

Adjusting Fit & Display

The image in the glasses can be adjusted vertically by pinching or spreading the nose bridge. The location of the text in the display can be adjusted within the Vuzix Connect app in the **Settings** tab.

Support

For further documentation and the latest information scan the QR code or visit:



<https://www.vuzix.com/pages/support>

Cleaning

Treat your smart glasses as you would any quality eyewear. It is mostly maintenance free and only requires to be wiped down periodically, using only a microfiber cloth to clean the device.

- (!) *Caution: Do not spray with cleaners. If required, use microfiber cloth moistened with standard eyeglass cleaner. Avoid spills. Solvents, household cleaners and paper towels should never be used on your device.*
- (!) *Caution: This device is not water resistant. Avoid submerging or exposure to moisture. Excessive moisture will damage the device.*
- (!) *Caution: Do not pack loose objects with the smart glasses while storing. Loose objects may cause damage to the device.*

Conformity to International Regulations for Sunglasses

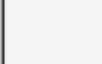
This product meets the essential requirements of the Regulation (EU) 2016/425. The following harmonised standard applied: EN ISO 12312-1:2013 + A1:2015. The lenses meet ANSI Z80.3 1996 [normal] or [strictest] UV blocking requirements. Conformity declaration available online at:

<https://www.vuzix.com/pages/legal>

How to Use the Product as Sunglasses

Protection against the risk of damage to the eyes due to exposure to sunlight. Category and type of filter can be found on the package bar code label.

The number indicates the category of the filter. This number indicates the filter in bright light. Please see Table 1 for an explanation of the protection based on sunglasses category.

Filter Category	Description	Usage	Additional Required Info.	Symbol
0	Light tint sunglasses or fashion spectacles	Very limited reduction of sunglare. Some UV protection.		 ISO 60417-5955
1		Limited protection against sunglare. Some UV protection.	Not suitable for driving in twilight or at night; OR not suitable for driving at night or under dull light conditions.	 ISO 7000-2948
2	General purpose sunglasses.	Good protection against sunglare. Good UV protection.		 ISO 7000-2949
3		High protection against extreme sunglare. Good UV protection		 ISO 7000-2950
4	Very dark special purpose sunglasses - very high sunglare reduction.	Very high protection against extreme sunglare, eg; at sea, over snowfields, on high mountains, or in desert. Good UV protection	Not suitable for road use and driving.	 ISO 7000-2952A  ISO 7000-2952B

Limitations of Use

Not for direct observation of the sun.

Not for protection against artificial light sources, e.g. solaria, sun lamps, lasers, etc.

Never stare directly at the sun or at an eclipse with or without sunglasses.

Not for use as eye protection against mechanical impact hazards. Sunglasses are not intended for industrial safety eyewear or high-risk impact sports participants.

Not suitable for welding purposes.

Lenses in sunglasses must meet applicable federal requirements for impact resistance but they ARE NOT SHATTERPROOF.

This product is not fire resistant.

Not suitable for driving in twilight or at night.

FCC Information: Specific Absorption Rate

The maximum determined SAR value over all possible transmission modes is 0.35 W/kg averaged over 10g of tissue for the body, the limit is 1.6 W/kg.

CE Countries:	Frequency Range
	BLE: 2402-2480 MHz
	RF-Output Power
	BLE: -7.53 dBm (max)

View additional regulatory listings on the device by performing a factory reset by holding the power button for 12 seconds.

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Vuzix Z100™ Model Number 515

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