



XanderGlasses II

User Guide

Thanks for choosing Xander®!

XanderGlasses have one purpose: to provide reliable captions of speech in real time to help people with hearing challenges understand speech.

XanderGlasses are simple to use, and captioning works offline, ensuring that your captions are private and work reliably wherever you need them.

Get Ready To Caption Your World®

It only takes 2 minutes to get started with your XG II system. All XanderGlasses work completely offline. However, XG II frames are smaller/lighter than the award-winning XG I, so with XG II, speech processing occurs on a **small companion device** (included in the kit). This device can be kept in the XG II case or your pocket — it should remain within 15 – 30 ft of the glasses during operation.

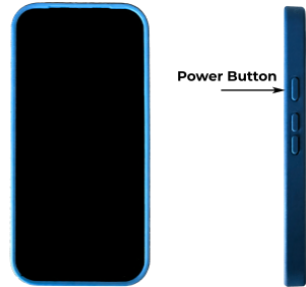
XG II kit has everything you need to caption anywhere:

- Xander Captioning Glasses, powered by INMO
- Pocket-sized companion device (unlocked Google Pixel A-Series) to process captions, housed in a durable case
- Rechargeable battery system for the glasses — 2 rechargeable batteries (one in the left arm of glasses frame, plus a spare battery in a charging case)
- Wireless microphone system, powered by Hollyland, helpful in more complex audio environments
- Sunglass clip-ons with case
- USB-C charging cable
- Charging brick
- Protective eyeglasses carrying case
- Microfiber lens cleaning cloth

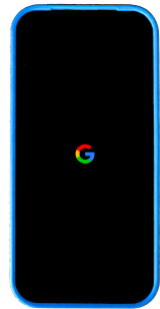


Power on the Xander Processing Device

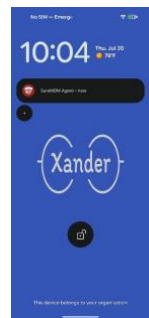
1. **Remove** the Processing Device from the XG II kit.
2. **Locate** the power button on the right side of the device:



3. **Press and hold the power button** until you see the “G” logo appear on the screen.
4. **Release the power button** when you see the G logo.

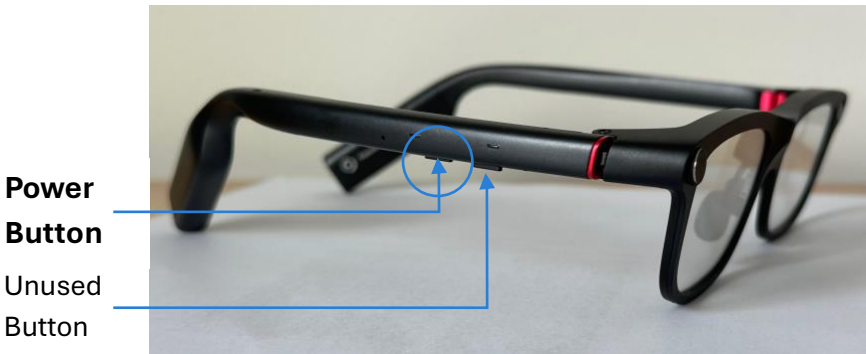


5. **Wait** about 25 seconds while the device boots the Xander processing system. The home screen will change to display the Xander logo. When you see the Xander logo follow step 6.
6. **Swipe one finger up** on the device display to open the Xander Caption screen.



Powering On the Captioning Glasses

1. **Find** the Xander Captioning Glasses in your kit.
2. **Check lenses** and remove any protective film from the outward-facing sides.
3. **Locate the Power Button** on the right arm of the glasses — the button closer to your ear.



4. **Wear** the glasses.
5. **Press & hold the Power Button** for 3 seconds, then **release**.
6. **Wait** 5 seconds. An INMO logo will display, followed by a row of icons.
7. **Continue to wait** an additional 5-15 seconds and the system will automatically **begin captioning**.

Using the Xander Processing Device

The Xander Processing Device has three screens. Navigate to these screens by tapping the icons across the bottom.

The three screens are:

1. Captions: displays real-time captions or translations between languages.
2. Settings: options and controls for customization
3. Help: device information, troubleshooting, Xander support contact information

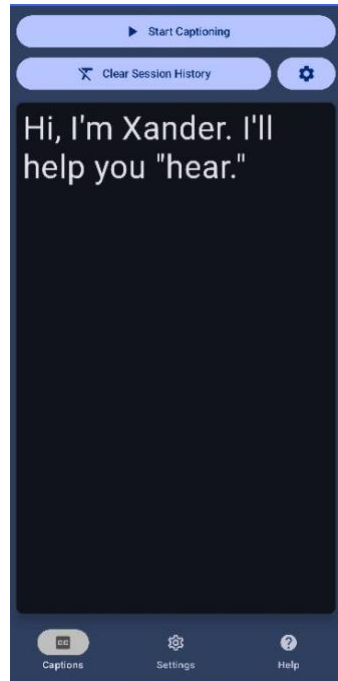
Captions Screen

To start and stop captioning

The button at the top is a toggle to start and stop captioning — both on the Captioning Glasses and the Processing Device.

Tap “Start Captioning” to begin captioning. Captions will display in real-time in two places:

1. The main body of the Captions Screen on the Processing Device
2. In the Captioning Glasses.



If the Device is already captioning, the “Start Captioning” button becomes a “Stop Captioning” button. Tap this button to stop captioning for both the Processing Device and the Captioning Glasses.

Tapping the gear icon  opens a horizontal slider control that allows you to adjust the text on the Captions Screen. Please note, this slider only adjusts the text displayed on the Processing Device — *not* the Captioning Glasses.

Privacy Protection

To protect privacy, please note that:

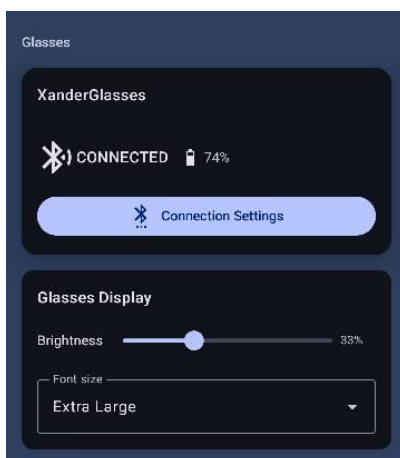
- Audio and transcripts are never stored anywhere
- You may tap “Clear Session History” to erase the text from the Processing Device screen. Please note that this button will *not* clear the text on the Captioning Glasses.

Settings Screen

Glasses

The top portion of the Settings Screen includes controls related to your Captioning Glasses.

A status message indicates if your Xander Captioning Glasses are CONNECTED or DISCONNECTED to the Processing Device



The CONNECTED status also displays the % of battery life remaining on the Glasses.

The *Connection Settings* button enables you to unbind or re-bind your Captioning Glasses to your Device — useful only as a troubleshooting step.

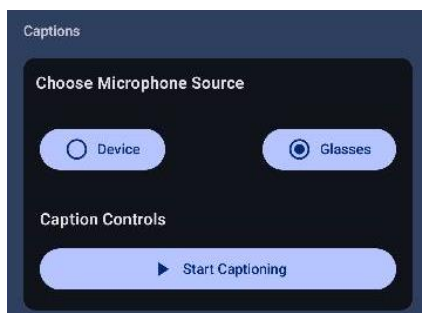
There are two customizations for the glasses display:

1. **Brightness:** from 0% to 100%; default is 33%. Press the circle in the control and slide your finger to the right to brighten the display in the Glasses, or slide your finger to the left to make the Glasses' display dimmer.
2. **Font size:** Small, Medium, Large, Extra Large; default is Extra Large. Tap the Font Size control to display the list of available font sizes for the Glasses' captions. Tap to select the desired size.

Captions

Choose Microphone Source

Tap “Device” to capture speech using the microphones built-in to the Xander Processing Device. You might use this option when the people you are listening to are further away



from you, or you are in a loud environment. In this case, place the Xander Processing Device close to the people you want to caption, keeping in mind the device must remain within 15-30 feet from you.

Tap “Glasses” (default behavior) to capture speech using the microphones built-in to the Captioning Glasses.

Caption Controls

For added convenience, the Start Captioning / Stop Captioning button in this screen mirrors the behavior of the button on the Captions screen.

Speech Processing Mode

Offline Captions: high accuracy captions without an internet connection.

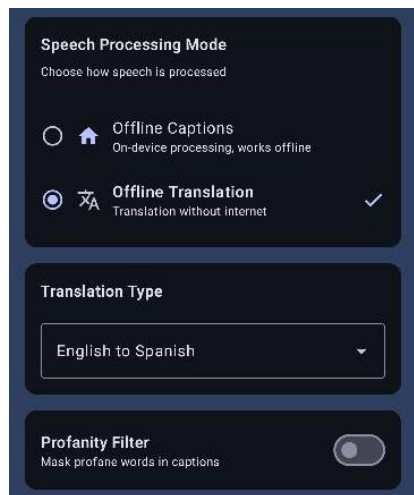
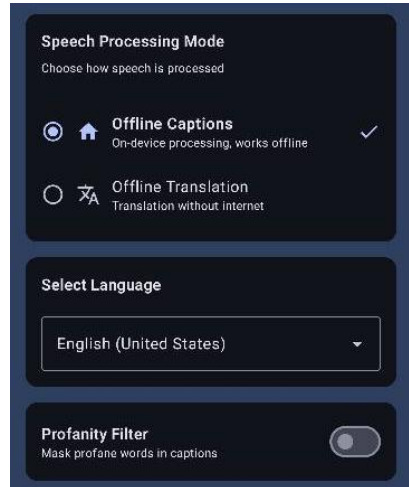
Tap the language box to choose between 26 different languages and regional dialects.

The Processing Device will listen for speech and caption in the selected language.

Offline Translation: translate speech into text in another language, without an internet connection.

Tap the language box to choose the translation type.

For example, English to Spanish listens for English and captions in Spanish.



Please note, the XanderGlasses II system includes 4 translation options. We can add more combinations with future software updates. Please contact Xander at support@xander.tech for specific requests.

Profanity Filter: enabling this feature masks swear words and expletives. This feature works in both Caption Mode and Translation Mode.

Inactivity Timeout

The Processing Device includes an inactivity timeout to preserve battery life for both the Device and the connected Captioning Glasses.



If no speech sounds have been detected 15 minutes:

1. captioning will automatically stop on the Processing Device, and
2. the connected pair of Captioning Glasses will power off.

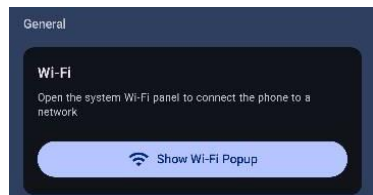
The inactivity timeout duration can be changed by tapping the control and choosing the desired timeout length.

Wi-Fi

From time to time, Xander will release software updates, including new features, bug fixes, and performance optimizations. These updates are delivered automatically from our internet service via a Wi-Fi connection to the Processing Device.

To setup Wi-Fi on the Processing Device:

1. Tap the button “Show Wi-Fi Popup”.
2. Select your Wi-Fi network from the list.



3. If you do not see your Wi-Fi network, tap the “Settings” button at the bottom left to see a larger screen.
4. Enter your Wi-Fi credentials to complete the connection.

Help Screen

The top section of the Help Screen displays the XanderGlasses II system version, as well as the unique serial number of the device.

The Troubleshooting section includes two helpful buttons if the Caption Tablet is not behaving as expected:

Restart App: tap this button to simply restart the Xander Caption software.

Reset All Settings: tap this button to reset all custom settings back to the factory default, including Captioning Mode, Language, Profanity Filter, and Text Size.

The bottom section of the Help Screen includes support contact information at Xander. Please don't hesitate to reach out to us. We aim to respond within 2 business days.

Power Off or Restart

Power Off the Captioning Glasses

For convenience, you may choose any of three ways to power off the Captioning Glasses:

1. **Use the Glasses Power Button:** press and hold the Glasses Power Button and release when you see “Powering down...” in the display.
2. **Use your Voice:** say out loud the phrase “command shut down”.
3. **Use the Processing Device:** navigate to the Help screen, and in the Troubleshooting section, tap the button “Shut Down Glasses.”

Restart the Captioning Glasses

To restart the Captioning Glasses, press and hold the Glasses Power Button for 8 seconds.

Power off or Restart the Processing Device

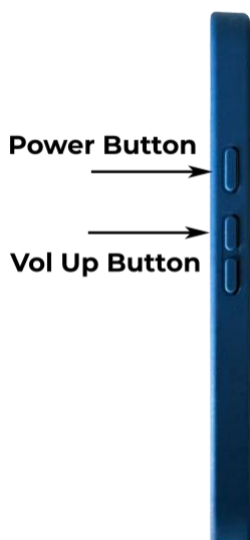
To power off or restart the Xander Processing Device:

Hold the power button and the volume up button at the same time.

You’ll see icons for “Power off” and “Restart.”

Tap the icon to choose the desired action.

Tap the icon again to execute the command.



Using the Swappable Battery System

The Captioning Glasses are powered by a removable battery. A fresh battery provides about 3 hours of non-stop captioning. Once the battery is depleted, it only takes seconds to swap in a fresh battery and continue using the glasses.

To swap the battery

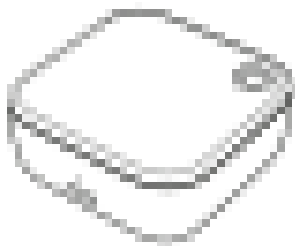
Locate the battery at the end of the left arm of the glasses, as shown in the diagram. The battery is held in place magnetically. Gently pull the battery out from the arm to remove it.



Find the spare battery in the battery case

You'll find a battery case in the XanderGlasses II kit. The battery case serves two purposes:

1. It conveniently stores the spare battery.
2. It charges the spare battery to keep it ready to use when you need it.



The top lid of the battery case opens and closes using a swiveling mechanism, rotating around the red circle as an anchor point. To open the battery case, rotate the lid clockwise. You'll find the spare battery seated inside:



Remove the spare battery from the case. Place the depleted battery into the case, with the logo and text facing up, as shown in this photo:



Swivel the lid counter-clockwise to close the battery case.

Place the spare battery in the left arm of the glasses, with the logo and text facing inwards. Please note: the battery will gently snap into place magnetically. If the battery is not easily sliding into the arm of the glasses, it may be facing the wrong way. Make sure the text and logo printed on the battery is facing inwards.

Use the battery case to charge the spare battery

The XanderGlasses battery case is similar to many other rechargeable earbuds and hearing aids systems available today. The case uses its own internal rechargeable battery to charge the battery seated inside. Key facts about the XanderGlasses II charging system:

- It only takes 1 hour for the case to charge a depleted spare battery.
- Since your Caption Glasses can run for 3 hours on a fresh battery, you always have a full spare ready to go for when the battery in your Caption Glasses runs out.
- There is enough battery capacity in the case to charge your Captioning Glasses batteries 4 times.
- If you start the day with two fresh batteries, a fully charged battery case, and a fully charged Processing Device, your XanderGlasses II system will caption for 15 hours without plugging in a device.

To see the status of the battery in the case

Swivel the lid open and notice the light indicator next to end of the battery:

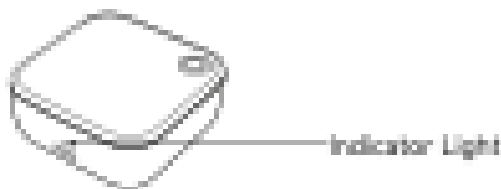


This table explains the three possible states indicated by the light:

Light	Status of Battery
Off	No battery
Flashing white	Battery is charging
Solid white	Battery is charged and ready

To see the battery case recharging capacity

The battery case must itself be recharged over time. To see the current power capacity of the battery case, swivel the lid open and observe the light on the outside of the case:



This table explains how to interpret the outside light indicator:

Light	Battery Case Capacity
Solid red	0%-30%
Solid orange	30%-60%
Solid white	60%-100%

To recharge the battery case

If you observe the capacity of the battery case drop below 60% — signified by either a solid red or solid orange light — you may want to charge the case. It takes up to 90 minutes to fully charge the case when its battery is completely depleted.

Simply use the USB-C cable included in the XanderGlasses II kit to connect the battery case to the included USB-C wall charging brick, or any other any power source that accepts a USB-C cable. The battery case charging port is located on the outside of the case, below the indicator light:



When the battery case is plugged in to a power source, the outside light indicator shows the charging status of the case:

Light	Case battery capacity
Flashing red	Less than 30%
Flashing orange	30%-60%
Flashing white	60%-100%
Solid white	100% capacity

Charging the Xander Processing Device

The Xander Processing Device can run for 15 hours of non-stop captioning on a full charge.

To charge the Processing Device, please use the included USB-C cable and charger. The device will charge from 0% to 50% in just 30 minutes and 0% to 100% in 90 minutes.

The Xander Processing device also supports wireless charging using Qi-certified chargers.

Using the wireless microphone system

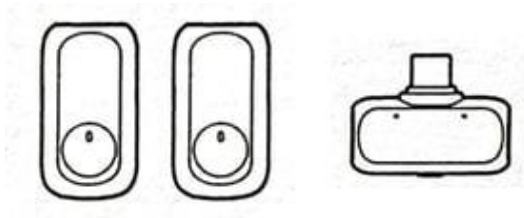
Our Captioning Glasses have 4 built-in microphones that combine to “hear” almost as well as a person without hearing loss. In places with ample background noise, or in settings where one person speaks softly, the glasses’ built-in microphones may not pick up speech clearly enough, and the captions may not be as accurate.

To provide extra help in situations like these, we include a powerful wireless microphone system in the XanderGlasses II kit. Place the wireless microphones closer to the people you wish to see captioned to significantly improve accuracy.

The wireless microphone components are contained in a soft pouch from the manufacturer, Hollyland. Open the pouch to find the microphone case, a charging cable, and optional windscreens.

Setting up the wireless microphone system

1. Open the microphone case to find the three main components of the system:
 - a. two wireless lavalier microphones with magnetic clips that transmit audio to the receiver, and
 - b. one receiver that plugs into your Xander Processing Device:



2. Insert the receiver into the USB-C port at the bottom of the Xander Processing Device



3. Take out a microphone from the case. You will see a solid blue light on the microphone when it successfully connects to the receiver in the glasses.

4. Clip the microphone to the person you want to see captioned or position it on a table or surface closer to wear people are talking.
5. You may also take out the second microphone from the case to use accordingly. Both microphones may be used simultaneously.
6. Take out your Xander Processing Device, open the app and navigate to the Settings Page.
7. In the section “Choose Microphone Source” make sure the input is set to Device, and not Glasses. This allows the Processing Device to receive audio from the wireless microphone system connected to the device.

Important Note: Microphone Light Must Remain Solid Blue, Not Green

The microphones in this system include a noise cancellation mode that, unfortunately, may decrease captioning accuracy. If the microphone indicator light is bright green instead of blue, the microphone is in noise cancellation mode. Simply press the yellow button on the microphone to switch off noise cancellation mode and return the microphone to the solid blue status light.

Charging the wireless microphone system

The microphones will run up to 9 hours on a full charge. The first time you charge the microphones, you will first need to remove the thin blue stickers from the charging pins of the microphones.

To charge the microphones, simply place them back in the charging case, making sure the charging pins on the

microphones line up with the charging pins in the case. The microphones will fully charge inside the case within 1.5 hours.

When the microphone is inside the charging case with the lid open:

- a solid green light in front of the microphone indicates the microphone is fully charged
- a solid orange light in front of the microphone indicates the microphone is actively charging.
- red or blue lights in front of the microphone indicate that the microphone is not fully charged and not actively charging.

Charging the case

The charging case can fully charge the microphones up to three times before it, too, needs to recharge. You may recharge the case using the USB-C cable included in the Hollyland pouch. Connect one end of the cable to the port in the back of the charging case, and the other end of the cable to any power source. The case will fully recharge within 1.5 hours.

The battery level of the charging case is indicated by the color and behavior of the light, according to the tables below.

When the case is not charging, open the lid to see the current battery capacity of the charging case:

Light	Case battery capacity
Flashing red	0%-10%
Solid red	10%-25%
Solid white	25%-70%
Solid green	70%-100%

When the case is plugged in and charging:

Light	Case battery capacity
Solid orange	0-97%
Solid green	98%-100%

SUPPORT



To get the most from your XanderGlasses, and learn about other features (like the remote microphone system and sunglass clip-ons), battery life recharging, warranty, etc., scan the QR code or visit

<https://help.xanderglasses.com/>

Remember: It may take time to get used to this new technology. That's normal! The user guide, FAQs, and videos on our website have tips on how to get the most from your XanderGlasses.

Have fun captioning your world!