

Start Here

SONY®

SmartEyeglass
Developer Edition

Startup Guide

For use by developers in testing and creation of applications for SmartEyeglass platform.

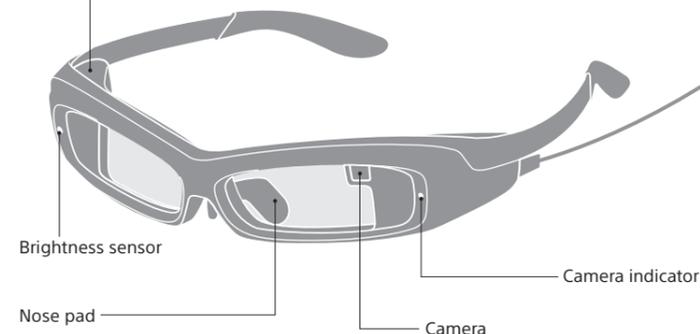
4-541-088-12(1)



SED-E1

■ Eyewear

Accelerometer, Gyroscope,
Electronic compass



■ Controller

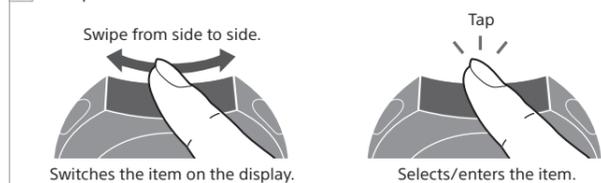
BLUETOOTH indicator
WLAN indicator
Strap hole
Speaker
Micro USB port
CHARGE indicator
Microphone
(CAMERA) button
Noise suppression sub microphone
BACK button
POWER switch [A]
Rotary clip
(N) (N mark)
Touch sensor [B]
TALK button

A To turn on/off the power



Slide and hold the POWER switch to ON/OFF for 4 seconds or more. When only sliding the switch without holding it, the image display turns on/off.

B To operate the touch sensor



Swipes the item on the display.

Selects/enters the item.

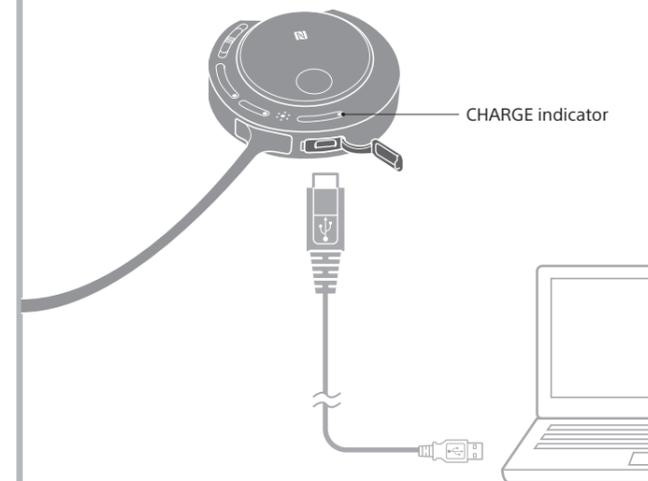
Supplied items

- Micro USB cable
- Carrying case
- Dark filter
- Camera cover sheet
- Nose pad (small)
- Warranty
- Startup Guide (this document)
- Reference Guide

STEP 1

Charging the Battery

Connect the controller to a computer with the supplied micro USB cable to charge the built-in lithium-ion battery. The CHARGE indicator lights up in orange during charging and turns off when the charging completes.



Tip
It takes about 2 hours to completely charge a fully-discharged battery.

STEP 2

Installing the Applications into a Smartphone

Scan the 2 codes below, and install two applications into your smartphone. Use a smartphone with Android™ 4.4 or later.

① Install "Smart Connect".

<https://play.google.com/store/apps/details?id=com.sonyericsson.extras.liveware>



If "Smart Connect" is already installed, update it to the latest version.

② After installing "Smart Connect", select [Open] on the "Smart Connect" screen in Google Play to start "Smart Connect".

③ Install "SmartEyeglass".

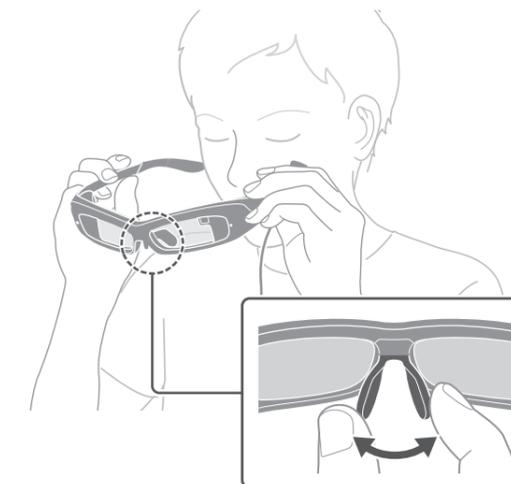
<https://play.google.com/store/apps/details?id=com.sony.smarteyeglass>



STEP 3

Wearing/Adjusting the Eyewear

Wear the eyewear. If the eyewear does not fit, adjust the angle or width of nose pad.



Tips

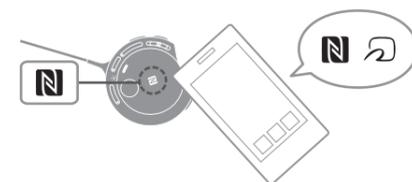
- If the eyewear does not fit by adjusting the nose pad, replace it with the supplied nose pad (small). For details on how to replace the nose pad, refer to the Help Guide.
- We recommend that you attach the controller to your clothing, etc., using the rotary clip.
- You cannot put on the eyewear while wearing glasses.

STEP 4

Connecting the Device and Smartphone with the Bluetooth Function

■ Connecting by using the NFC function

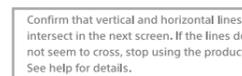
- 1 Unlock the sleep function and screen lock of the smartphone.
- 2 Check that the NFC function of the smartphone is on.
- 3 Touch **N** (N mark) on the rear part of the controller to **N** (N mark) on the rear of the smartphone and hold it until [SONY] appears on the eyewear.



When the connection is successful, the following display appears on the eyewear.



Connection completion
(displayed for about 5 seconds)



■ Connecting by not using the NFC function

- 1 Slide and hold the POWER switch of the controller to the ON/OFF direction for 4 seconds or more to turn the device on.
- 2 Tap the touch sensor when [Touch the smartphone you want to connect with to the device.] appears on the eyewear.

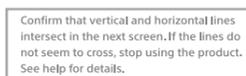


- 3 Turn on the Bluetooth setting of the smartphone and select "SmartEyeglass" from the available device list.
- 4 Confirm that the passkey displayed is the same on the eyewear and smartphone. Tap the touch sensor on the controller, then select "Pairing" on the smartphone.

When the connection is successful, the following display appears on the eyewear.



Connection completion
(displayed for about 5 seconds)



Tip

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags. Thanks to the NFC function, data communication - for example, Bluetooth pairing - can be achieved easily by simply touching NFC-compatible devices together (i.e., at the N-Mark symbol or location designated on each device).

STEP 5

Confirming Screen Alignment

- 1 Tap the touch sensor while the following message is displayed.

Confirm that vertical and horizontal lines intersect in the next screen. If the lines do not seem to cross, stop using the product. See help for details.



- 2 Check that the three vertical lines and horizontal line intersect.
If any vertical line does not intersect with the horizontal line, adjust the angle or width of the nose pad.



If the vertical and horizontal lines still do not intersect, request repair from service representative. Consult a contact shown on the supplied warranty.

- 3 Tap the touch sensor after you have confirmed that the screen alignment is appropriate.
When the current time (Home screen) appears, the setting is complete.



Current time
(Home screen)

Using the Camera of Eyewear

The setting is now complete. To take an image with the camera follow the instructions below.

- 1 Turn on the wireless LAN feature of your smartphone.
- 2 Swipe the touch sensor to select the [camera] screen, and tap the touch sensor.
A frame appears, and the eyewear is connected with your smartphone via wireless LAN (the camera indicator lights up in red).



- 3 Move your head to center the frame over the subject.
- 4 Press the **shutter** button on the controller to shoot an image.
The shot image appears on the eyewear for about 3 seconds. To continue shooting, press the **shutter** button.

Shot images are saved in the smartphone.

Enjoying Features Other than the Camera

Installing applications to your smartphone can enhance your enjoyment of eyewear. You can access your smartphone without operating it. For example, you can view received email or Twitter messages on eyewear, and check your messages or schedule by speaking your query.

Follow the steps below to install additional applications into a smartphone.

- 1 Select the connection notification for "SmartEyeglass" in the notification bar (status bar) at the top of the smartphone display.
- 2 Select "Applications" and select an application you want to install.
- 3 Follow the on-screen instructions.

For details on how to use additional applications, refer to "Help Guide" (instruction manual).

About Help Guide

"Help Guide" is the instruction manual provided on the Internet. It provides up-to-date information on how to use the device, how to make settings on the device/smartphone, and safety precautions. Visit the following site with your smartphone or computer.



http://rd1.sony.net/help/sed/sede1/h_uce/



Please read "Reference Guide" for your continued safety.

Q & A

- **Unable to charge the battery.**
 - Disconnect the micro USB cable, then reconnect it.
- **Unable to turn the power on.**
 - The battery is low. Charge the rechargeable battery.
- **Unable to connect a smartphone to the device by using the NFC function.**
 - Touch **N** (N mark) on the rear of the controller to **N** (N mark) on the rear of the smartphone carefully and hold it in position.
 - Check that the NFC function of the smartphone is on. For more details, see the instruction manual of the smartphone.
 - Unlock the sleep function and screen lock of the smartphone.
 - If the above methods do not resolve the problem, try steps in "Connecting by not using the NFC function."