SYLTON

OBSERV 520x

Quick set-up Manual

able of contents

Before .ang your Observ, carefully read this manual and retain t for fut. re reference. This document s prov ded for nformation purposes only, and the contents here of are subject to change without prior notice.

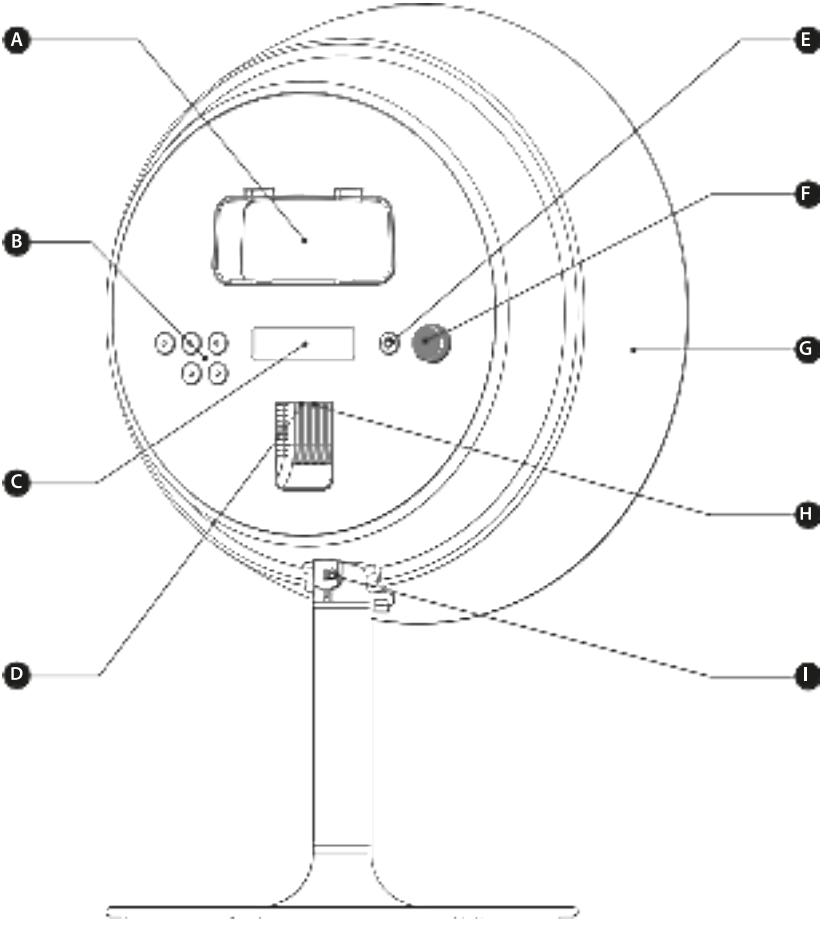
This product contains UV light sources.

Shou. ld th s product reach the end of its l fe cycle, do not dispose of it into the normal household waste. Rather take it to a collection point for the recycling of electrical and electron c eq. pment.

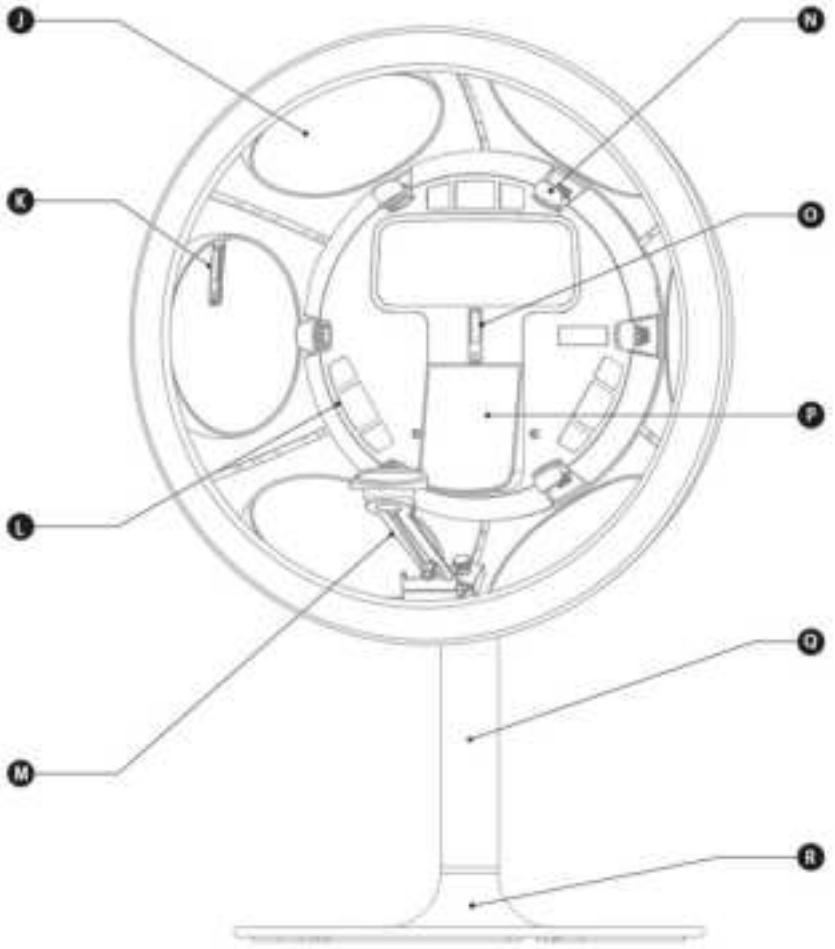
1 Device overview and terminology

1.1 Observ 520x

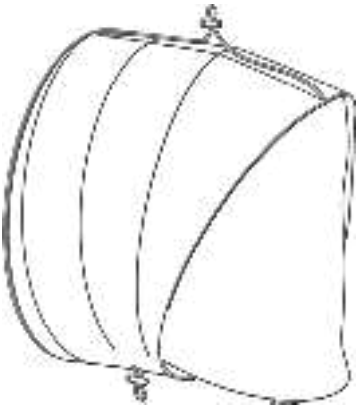
A. Mirror mount
B. [illegible]
C. Duplex
D. Access door [illegible]
E. Access door [illegible]
F. [illegible]
G. Base
H. [illegible]
I. Memory Slot



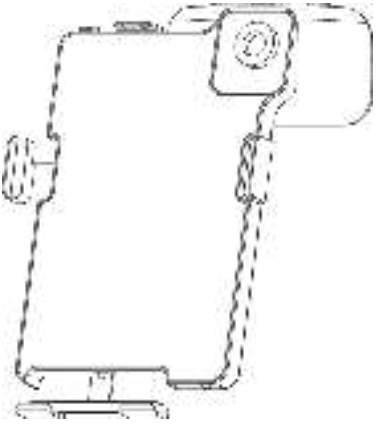
J. [illegible]
K. [illegible]
[illegible]
L. [illegible]
M. [illegible]
N. [illegible]
O. [illegible]
[illegible]
P. [illegible]
Q. [illegible]
R. [illegible]



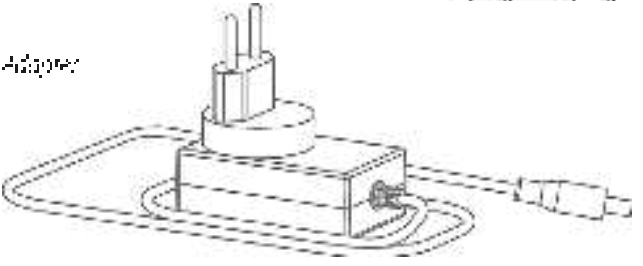
1.2 Accessories



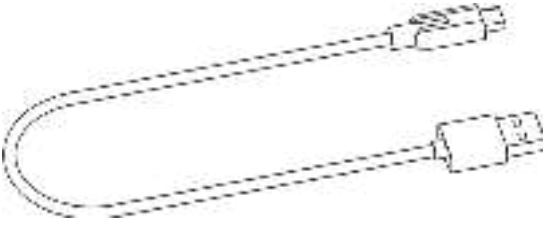
Sunshade



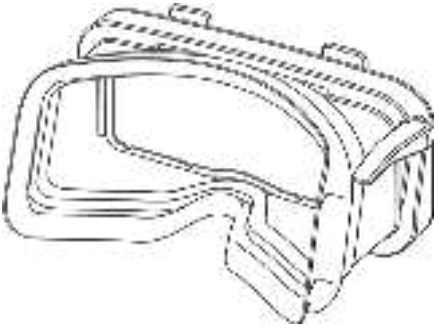
Universal Dock Holder



Adapter



Lightning
Cable to USB-C



2 Safety warnings and cleaning instructions

2.1 Important safety warnings

- Do not use the device on people with an abnormal sensitivity to UV) light (e.g. photophobia) or people with abnormally sensitive eyes (e.g. after cataract surgery), that may need to avoid any source of UV light.
- Eye discomfort warning: [illegible] may experience eye discomfort and/or [illegible] a pre-existing condition which is worsened by [illegible]. If you [illegible] the eyes, please [illegible] this device.
- No serviceable parts inside: [illegible] should be serviced only by [illegible] Opening [illegible] will [illegible] and may [illegible] and will [illegible] guarantee and warranty.
- Do not touch the lenses of the light and UV emitters!

2.2 Important usage warnings

- [illegible]
- [illegible]
- [illegible] Safety goggles should be worn. This could [illegible] in severe eye damage.
- [illegible] sunlight, or [illegible] lamps.
- [illegible]
- Always use the supplied adapter [illegible]
- This equipment should not be used [illegible] are likely to be present.

2.3 Cleaning instructions

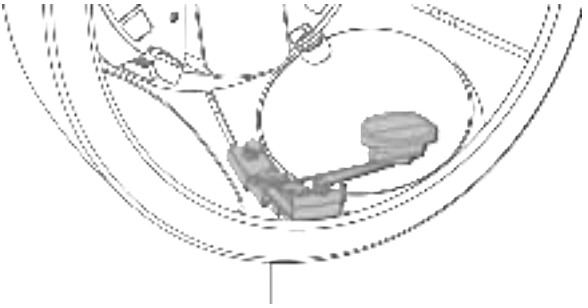
[illegible]

- [illegible] Cleaning [illegible] Cleaning and Storage of Glasses.
- Use the supplied [illegible] surface [illegible] of Glasses after [illegible] and before [illegible].

Important maintenance warnings!

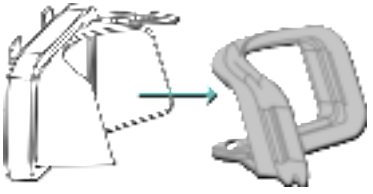
- Never [illegible] by yourself. Only [illegible] should perform [illegible].
- Never [illegible] [illegible].

2.3.1 Chinrest



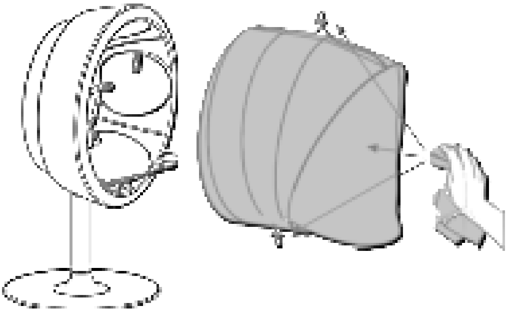
[illegible]

2.3.2 Polarisation visor



[illegible]

2.3.3 Lightshade



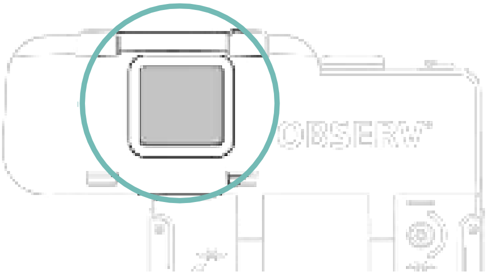
- Remove the lightshade from the Observ
- Use a [illegible] for cleaning the lightshade
- To remove more stubborn stains, use [illegible] with a mild detergent

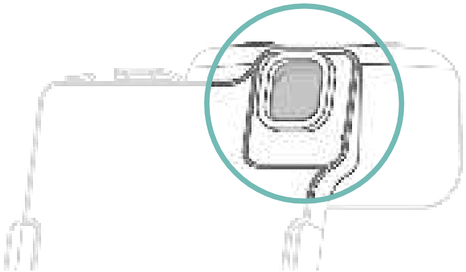
Important maintenance warnings!

- Never wash the lightshade in a washing machine
- Never dry the lightshade in a dryer

2.3.4 iPad visor

When you [illegible] the window [illegible] the iPad visor, clean the window on both sides with the microfiber cloth. To remove more stubborn stains, use [illegible] and warm water.





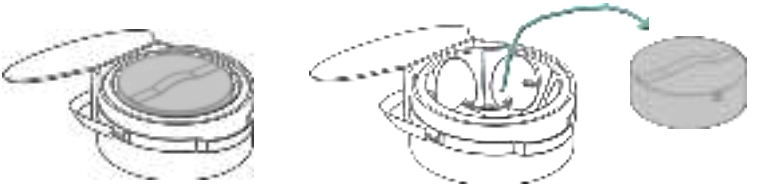
3 Getting the Observ ready for use

3.1 Setting up the device

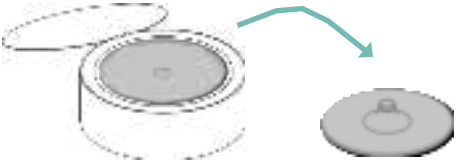
[illegible] Observ. [illegible]

1. Place the Observ [illegible]

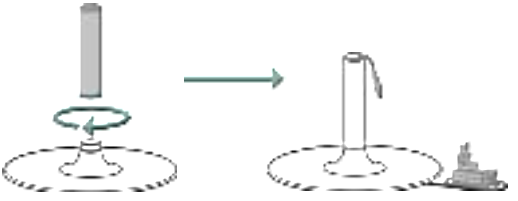
2. Open the Observ [illegible]



3. Open the accessory compartment [illegible] Observ. Place the cover of the Observ on [illegible]

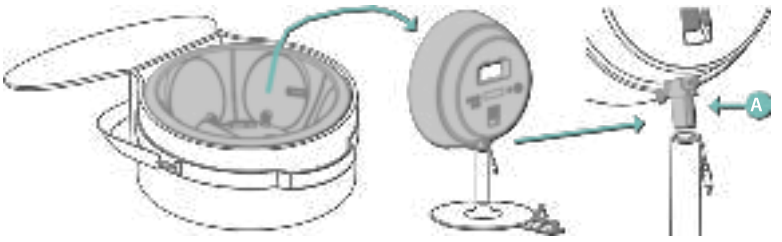


4. Secure the charger in the cover of the Observ. Attach the accessory you want to use with the [illegible] Add the adapter [illegible] Add the adapter [illegible] Add the adapter [illegible]

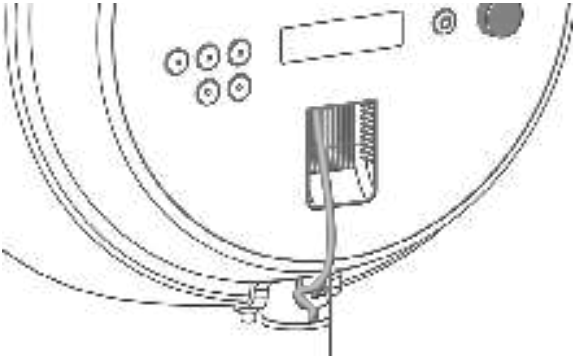


[illegible]

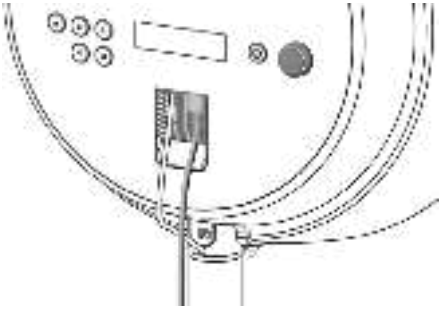
[illegible]

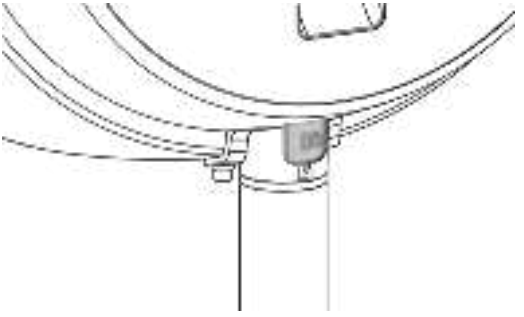


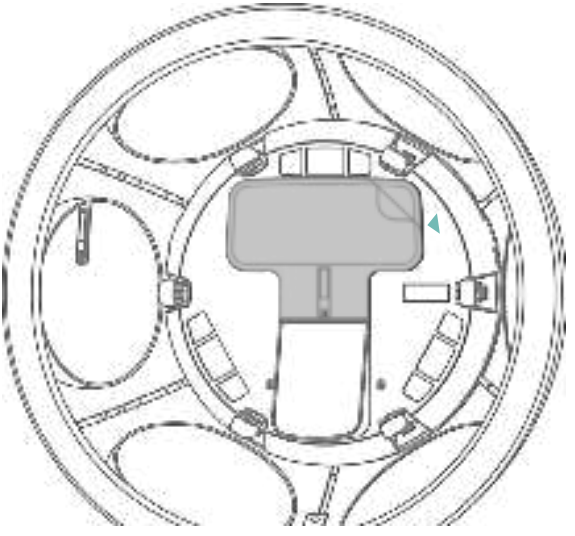
[illegible]

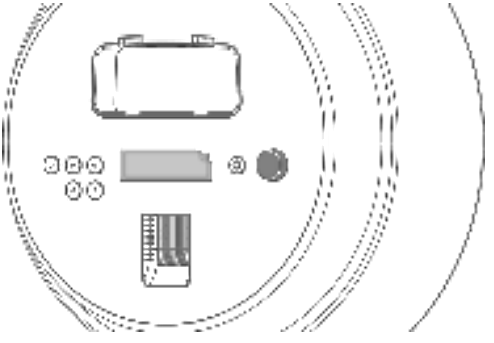


[illegible]



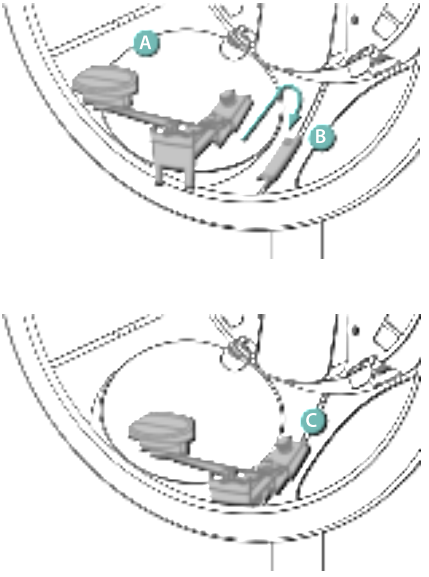






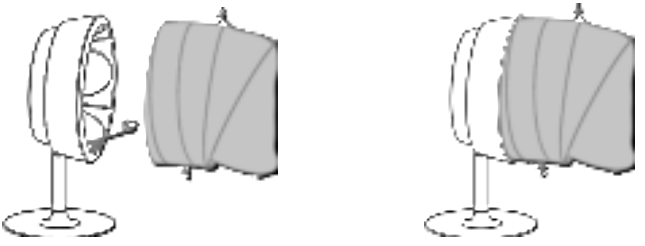
[illegible]

[illegible]



5. Attaching [illegible]
[illegible]

[illegible]

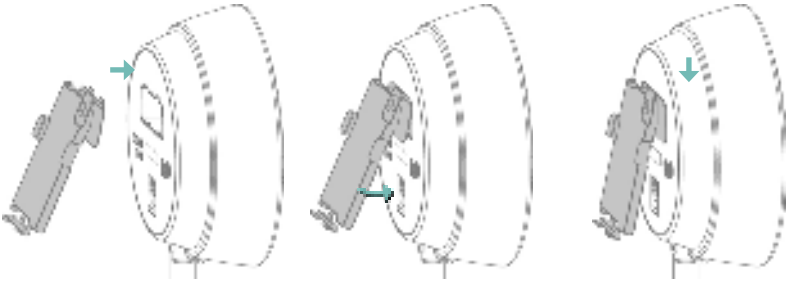


13. Attaching [illegible]

[illegible] Rear Wheel

[illegible] the following steps to attach [illegible] Rear Wheel correctly [illegible] Observe.

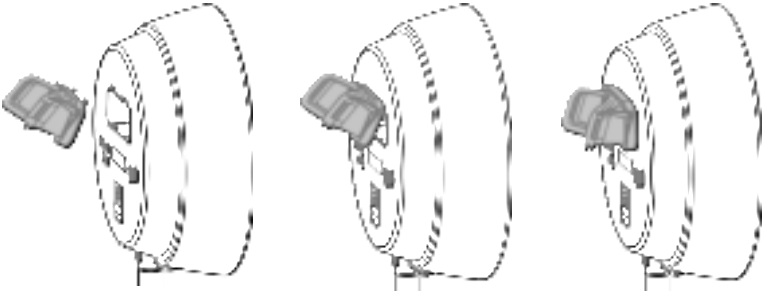
1. Move [illegible] as shown [illegible] Observe.
2. [illegible] [illegible] in the direction [illegible] Observe and [illegible] attach [illegible] as shown [illegible] Observe.
3. Make sure [illegible] firmly [illegible].



[illegible] Side Position [illegible]

[illegible] the following steps to attach [illegible] correctly [illegible] Observe.

1. Move [illegible] as shown [illegible] Observe.
2. [illegible] [illegible] in the direction [illegible] Observe and [illegible] attach [illegible] as shown [illegible] Observe.
3. Make sure [illegible] firmly [illegible].

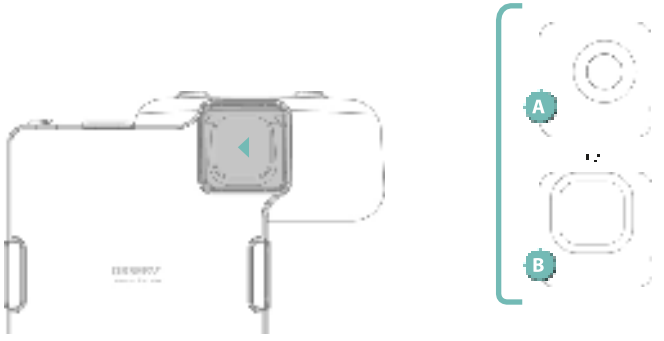


3.1. Setting up the Universal iPad visor

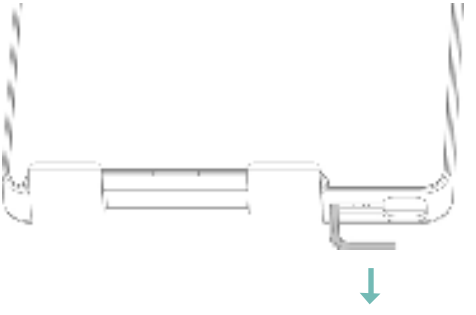
1. [illegible]

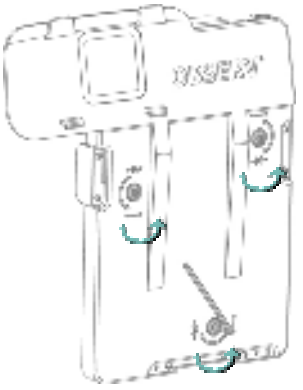
[illegible]

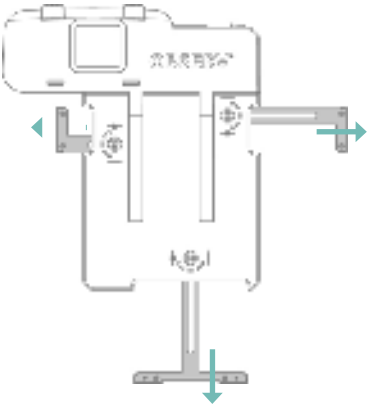
3. [illegible]

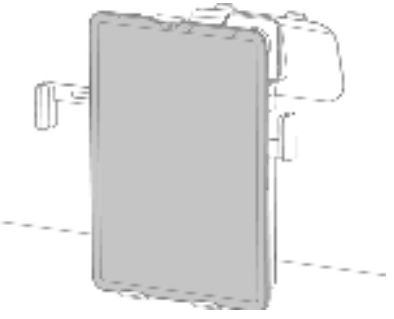


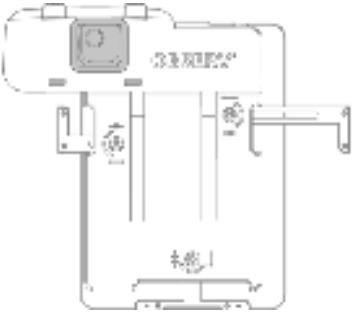
4. [illegible]

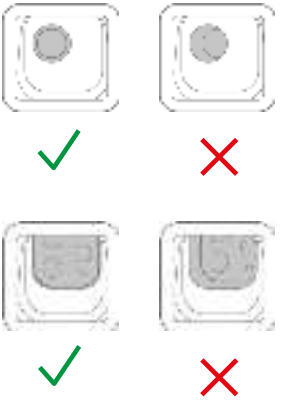




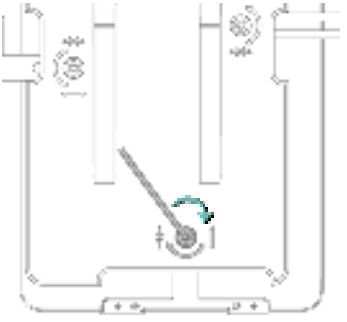




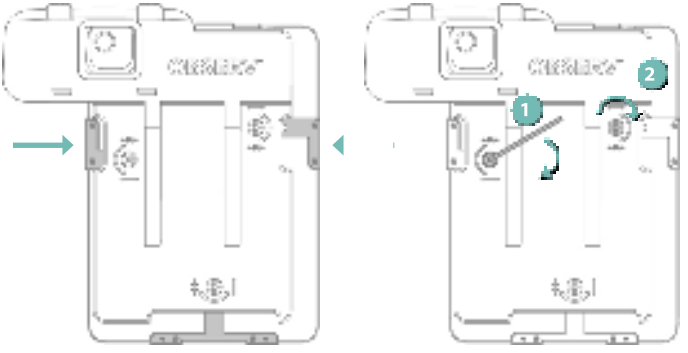




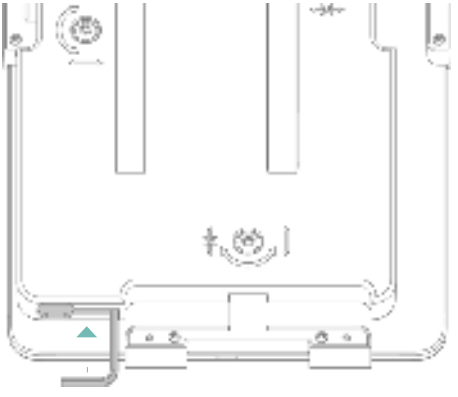
5. Maintain the position while tightening the screw.



6. Slide the stand assembly into the back cover. Maintain the correct position of the stand assembly while tightening the screw.

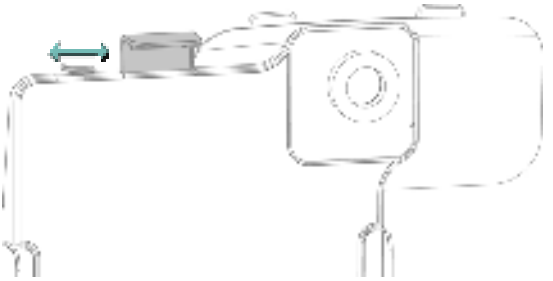


7. Place the rear cover back on the device and secure the screws. See Figure.



Lock

The [illegible] is locked [illegible] When [illegible] the lock slider in lock position.



3.2 Getting the Software ready for use

Prior to using your Observ, make sure [illegible] you are using a mobile supported by [illegible] App Store [illegible] image quality [illegible] may [illegible] the supported specific [illegible] mobile. [illegible] may be [illegible] to optimise [illegible] which [illegible] mobiles are supported [illegible]

[illegible] your [illegible] and attach [illegible] to your Observ as described in chapter 3.1 step 10.

3.2.1 Downloading the Observ App

The Observ comes with a specific App, which can be downloaded free of charge from the App Stores.

Observ 520x App

Search for "Observ 520x" in the App Store and download the App accordingly.

3.2.2 Personalising the App

Your [illegible] screen shows the "ACTIONS" page. From [illegible] page [illegible] your [illegible] the app.

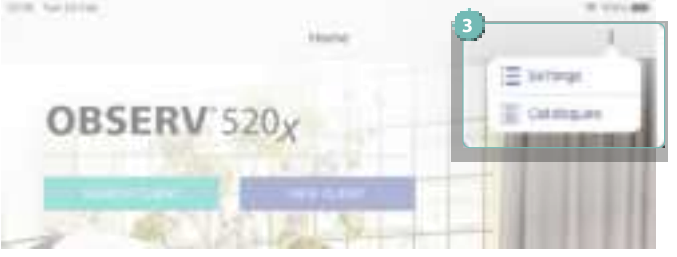
3.3 Pairing / Unpairing your device

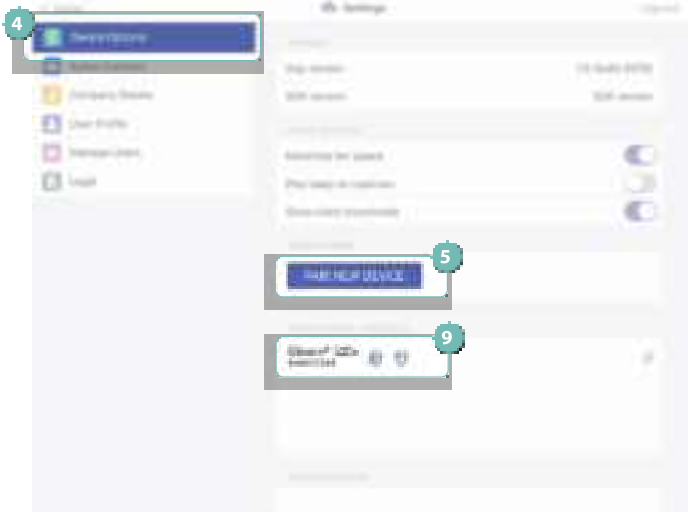
3.3.1 First time pairing

To pair your Observ device with the app, follow the steps below:

1. Turn on your Observ device by holding the Power button
2. Open the Observ App
3. Go to Settings
4. Tap Device Options
5. Tap Pair with New Device
6. A code confirmation will appear on your App screen
7. Press the Power button on your Observ device, it will pair automatically
8. The pairing will be successful
9. Your device's name will appear on the list of Paired Devices
10. You are now able to adjust the options freely

Note: You may pair as many Observ devices as required to your App. However, only one device can be used at a time. If you have multiple devices, you will need to switch between them.





3.3.2 Selecting an Observ from multiple paired devices

When multiple Observ devices are paired with the Observ app, you can choose which device you want to connect to. You can switch between Observ devices at any time.

A check mark next to the paired Observ will appear on the Devices screen.

After the Observ is connected, the Observ app will start to synchronize. The app will automatically download any new data from the Observ and upload any new data to the cloud. Depending on the amount of data, this may take a few minutes.

3.3.3 Unpairing a device

You can unpair an Observ. Follow the steps below:

1. Open the App.
2. Go to Settings
3. Tap Device Options
4. Press the Forget button next to the Observ you wish to unpair
5. To remove the Observ from the list of Paired Devices list
6. To remove the Observ from the list of Available Devices list

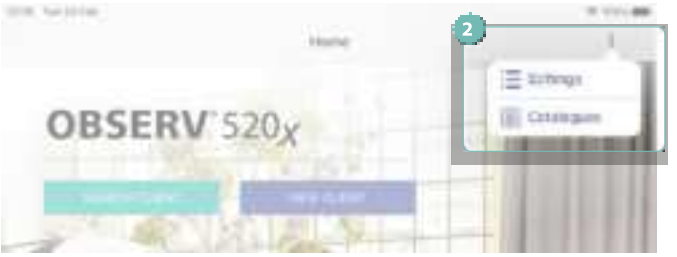
Note: Only Observ devices that are supported by your app will be detected.

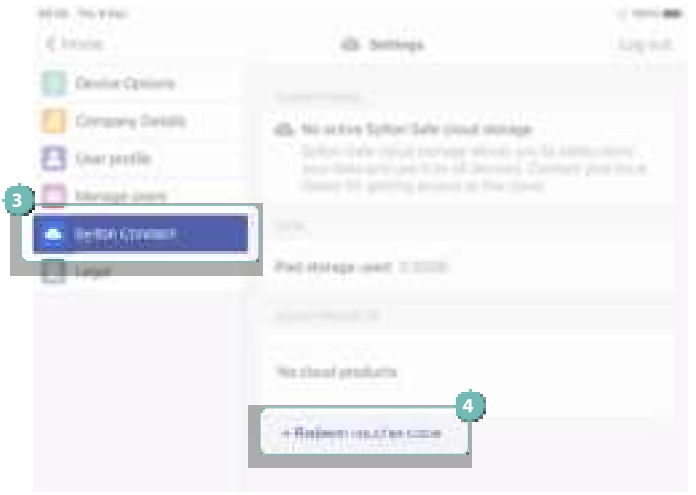
3.4 Activation of the voucher

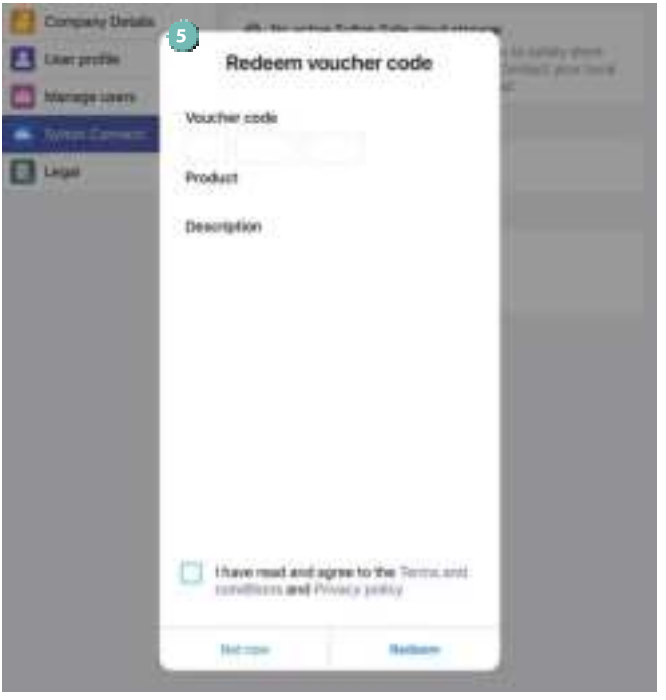
Your Observ device comes with a 6-month warranty. In order to activate the warranty, you need to register your device within the app. To activate the voucher follow the steps below:

1. Open the Observ app
2. Go to Settings
3. Tap Syncon Connect
4. Tap + Redeem voucher code
5. Fill in the voucher code
6. A check mark next to Products covered will appear on the Devices screen
7. Press the Access button of the Observ you wish to activate the warranty
8. Your warranty will be activated for 6 months

To activate the product for an additional 6 months, go to Device Options page and tap Activate Warranty.







4 ne Observ in use

You Observe is now ready for use.

4.1 Starting a consult

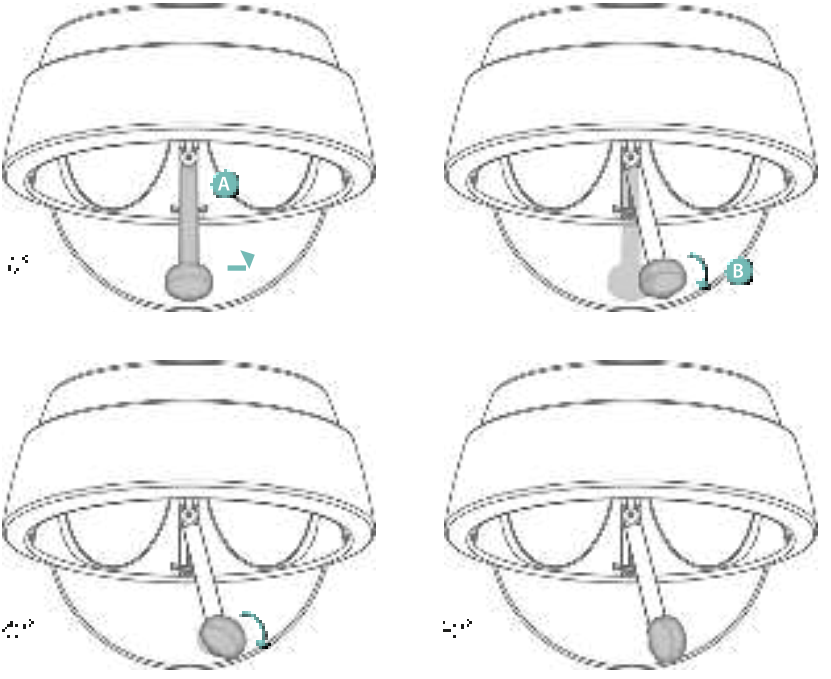
Attach the backrest by [illegible] and sit on the stool. Adjust the height of the Observe as described in chapter 3.2. Make sure that the backrest is positioned as described in chapter 3.3. Adjust the seat position with respect to the backrest as described in chapter 3.4. Adjust the Observe to your height as described in chapter 3.1 and the seat position with respect to the pedals as described in chapter 3.5. Make sure that everything is working properly and that the stool is stable. Be aware of your posture. Use the [illegible] to adjust the backrest to your posture.
When you are ready for the right posture, then you are positioned correctly for working with the Observe.

Make sure to work regularly in a different position. Change position every [illegible] minutes. When using the adjustable backrest, make sure that you change your posture regularly. Adjust the backrest to your posture. Make sure that you are sitting [illegible] and that your feet are flat on the floor.

4.2 Ergonomic client setting

Make sure that your client is sitting with a straight back. Use the armrests to support your client's arms. Adjust the armrests to the right height by using the adjustable armrests. Make sure that your client's posture is correct.

4.3 Using the chinrest for side view pictures



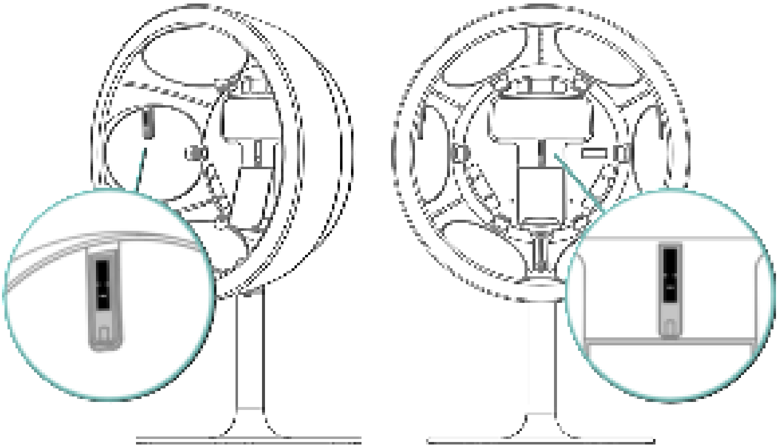
4.7 Placing the lightshade

4.5 Positioning your client

The Observ is equipped with [illegible] Positioning System [illegible] will [illegible] positioning of your client [illegible] feedback.

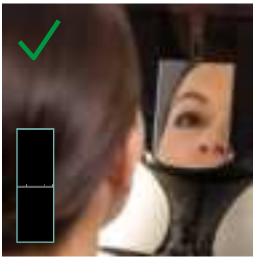
Prior to capturing images, [illegible] should [illegible] capturing process. [illegible] your client [illegible] when positioned [illegible] Observ.

The Observ [illegible] LEDs [illegible] forehead [illegible] views. The 90° [illegible] supported by [illegible] LEDs [illegible] angle [illegible] corresponding LED [illegible].



The [illegible] LED [illegible] correct and wrong positioning of the [illegible] client [illegible] position [illegible]. When the middle [illegible] should your client [illegible] in such a way [illegible] forehead moves [illegible]. When the middle [illegible] your client [illegible] in such a way that the forehead moves backward.

Head tilted backward



Correct

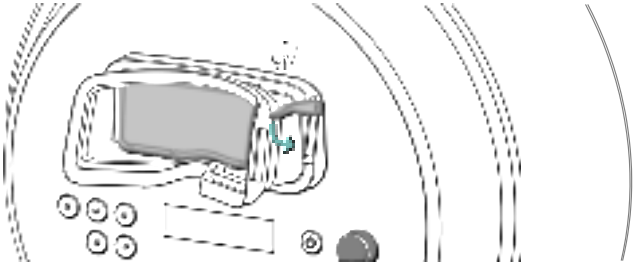
Head tilted forward

4.6 Manual mode

[illegible]

4.6.1 Using the polarisation visor

[illegible]

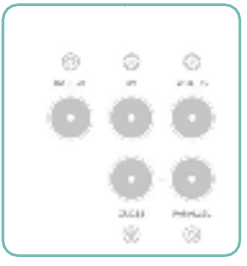


4.6.2 Manual mode operation

[illegible]

[illegible]

Power mode button Power button Intensity button



1. [illegible]
2. [illegible]

3. Select a light mode button:
    a. DAYLIGHT, Daylight mode (Full spectrum light)
    b. UV, True UV mode
    c. WOODS, Simulated Woods mode
    d. CROSS, Cross-Polarisation mode*
    e. PARALLEL, Parallel-Polarisation mode*

4. When a mode is selected, the intensity bar can be used to adjust [illegible] the intensity of the chosen mode [illegible]. The device will remember the last value used for each mode.
    a. DAYLIGHT, Daylight – Intensity
    b. UV, True UV – Intensity
    c. WOODS, Woods balance spectrum adjust
    d. CROSS, Cross-Polarisation – Intensity*
    e. PARALLEL, Parallel-Polarisation – Intensity*

5. Press the power button on the top to enter standby mode. The device will beep.
6. When in standby mode, the iO lamp will auto power off after [illegible] minutes.
7. When in a lighting mode, the iO lamp will automatically return to standby mode when the timer display is finished.

*[illegible]

4.6.3 Light mode intensity

Within the factory settings, the intensity of the light sources are set at various intensities. It is advised to keep the intensity of each mode [illegible] [illegible] [illegible] [illegible] the light [illegible] supports [illegible] This was designed [illegible] [illegible] when [illegible] modes are switched [illegible] [illegible] of the Woods light [illegible] setting with the following [illegible] settings:

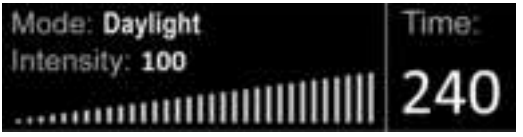
Daylight Intensity	5%
True UV Intensity	100%
Simulated Woods balance	0
Cross polarisation	25%
Parallel polarisation	25%

4.6.1 Display states

1. Standby mode

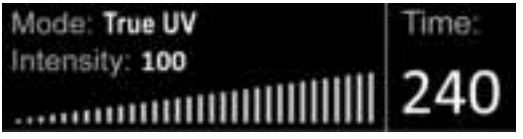
The display shows the Observ model, serial number and software version.

2. Daylight mode



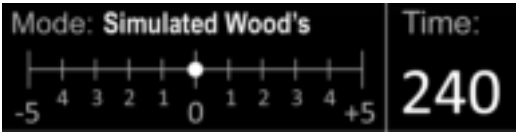
The display shows the user mode, the intensity value and graphic, the time with seconds.

3. True UV mode



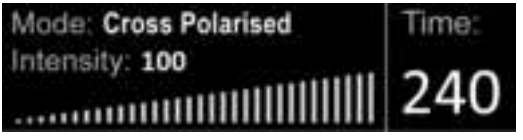
The display shows the user mode, the intensity value and graphic, the time with seconds.

4. Simulated Wood's mode



The display shows the user mode, a graphic of the simulated wood's spectrum, the time with seconds.

5. Cross Polarised mode



The display shows the current mode, the intensity value and graphic, the time with seconds.

6. Parallel Polarised mode

The display shows the current mode, the intensity value and graphic, the time with seconds.

7. Shutdown mode

The display is blank, unless connected to an iPad.

5 Trouble shooting

- Device does not power on.
  Check if the power switch is switched on. Make sure the power adapter is connected to the power supply.

- Device buttons do not respond when the device is turned on.
  Make sure the Observe S is not connected to a computer. Make sure the Observe Application is running on the computer.

- Chinrest will not attach properly.
  Align the chinrest with the chinrest mount and slide all the way down. Make sure the chinrest is positioned on the left side of the device.

- Pad does not fit properly in visor:
  Check if the visor is set to the correct setting. Reposition the visor to the correct position by pressing on the visor release button.
  Check if the correct visor sticker is placed. Make sure the visor sticker is not reversed.

- The app does not pair with the Observe.
  Check if the Observe is powered on. Make sure the Bluetooth is turned on. Unpair the Bluetooth connection and re-pair the device. For Android, close the app and relaunch the app. For iOS, restart the Bluetooth.

- In case the images are vague, distorted or appear blurry, please check the list below for possible solutions:
  - Clean the eye cups and lenses. Refer to the Cleaning section.
  - Clean the camera and lens. Refer to the Cleaning section.
  - Check if the eye cups are properly fitted. Refer to the Setting Up the Device section.
  - Check if the protective film is still on the Observe. Remove the protective film.
  - Check if there is any foreign object inside the Observe.

If the issue persists, please contact support@moodmetric.com for further assistance.

6 Declaration of conformity

OBSERV 520x

EU DECLARATION OF CONFORMITY (DOC)

We	**InnoFaith Beauty Sciences**
Address	**SciencePark 5204b, 5692 EG Son, The Netherlands**
Contact e-mail address	**w.d.arkesteijn@innofaith.com**

declare that this DoC is issued under our sole responsibility and that this product:

Product description	**Beauty Advisory Tool**
Type designation	**OBSERV 520x**
Trademark	**Sylton®**

Object of the declaration is in conformity with the relevant Union harmonization legislation

Radio equipment directive **2014 / 53 / EU**
with reference to the following standards applied
EN 300 328 v2.2.2
EN 301 489-1 v2.2.3
EN 301 489-17 v3.2.4
EN 62479: 2010
EN 62368-1: 2020+A11: 2020

The notified Body Kiwa Nederland B.V., with notified Body number 0063, has issued under the conformity assessment procedure as described in Annex III of the Directive, the EU-type examination certificate: **232140005/AA/00**

Signed on behalf of:

Son, The Netherlands 28-11-2023
Place and date of issue

Walter Arkesteijn, CTO
Name, Function, signature

SYLTON

7 Regulatory Information

7.1 FCC and IC compliance Statement

Declaration of Conformity for Part 15 of FCC Rules

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.

Warning (EMC)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Conformance Statement (Part 15 Section)

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:

- 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.

This device complies with Industry Canada licence-exempt RSS-247. Operation is subject to the following two conditions:

Notice of Industry Canada

This device complies with Industry Canada licence-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.

7 echnical specifications

Dimensions (HxWxD)	[illegible]
Storage / travel dimensions	[illegible]
Weight	[illegible]
iPad control	[illegible]
Illumination technology	[illegible]
Power	[illegible]
Voltage	[illegible]
Plugs	[illegible]
Transmitting frequency	[illegible]
Maximum transmitted power output	[illegible]
Timer	[illegible]
Manual override	[illegible]
Capturing time	[illegible]
Operating temperature	[illegible]
Illumination modes	[illegible]
Visualisation modes	[illegible]

[illegible]

SYLTON