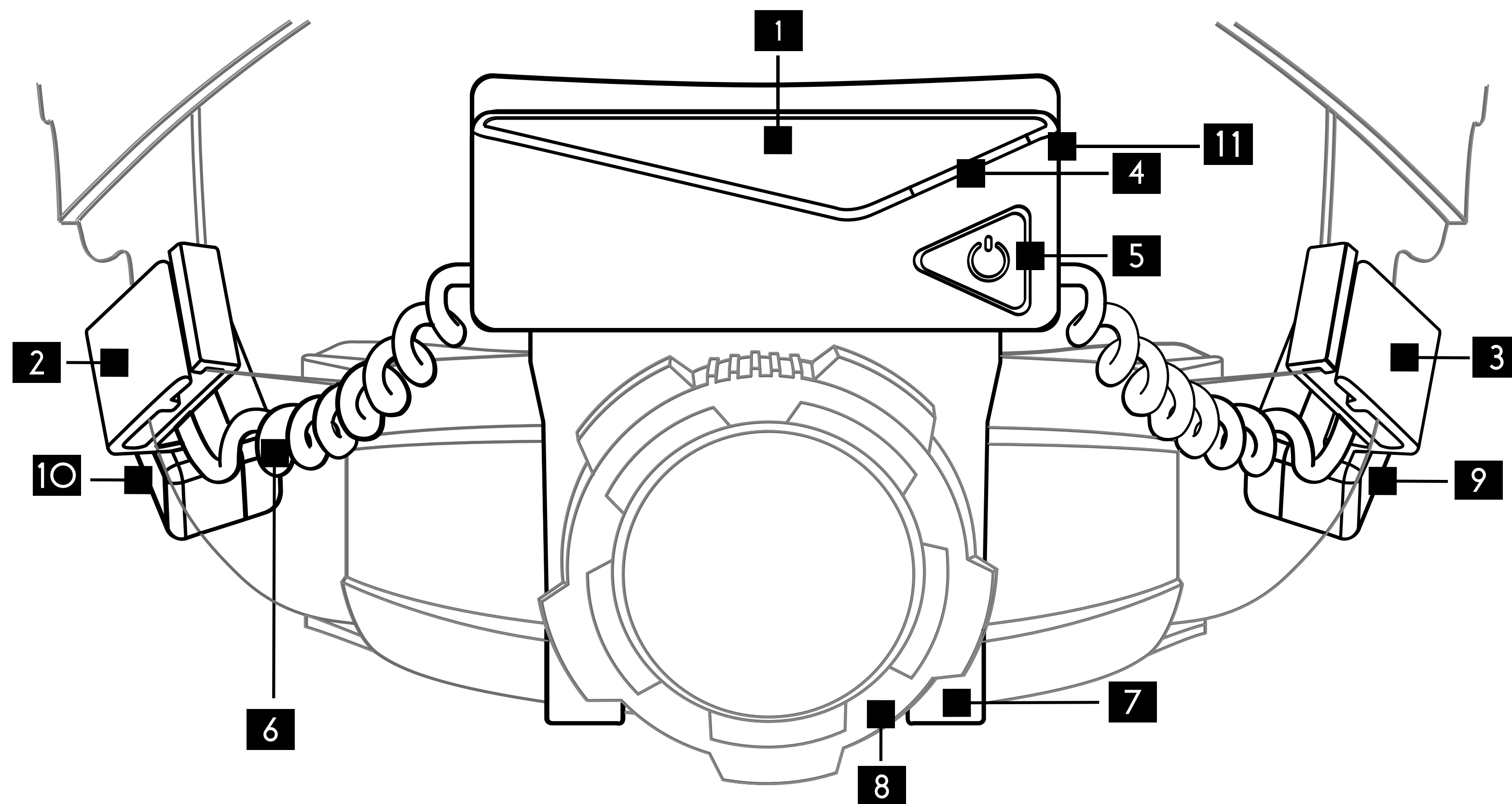
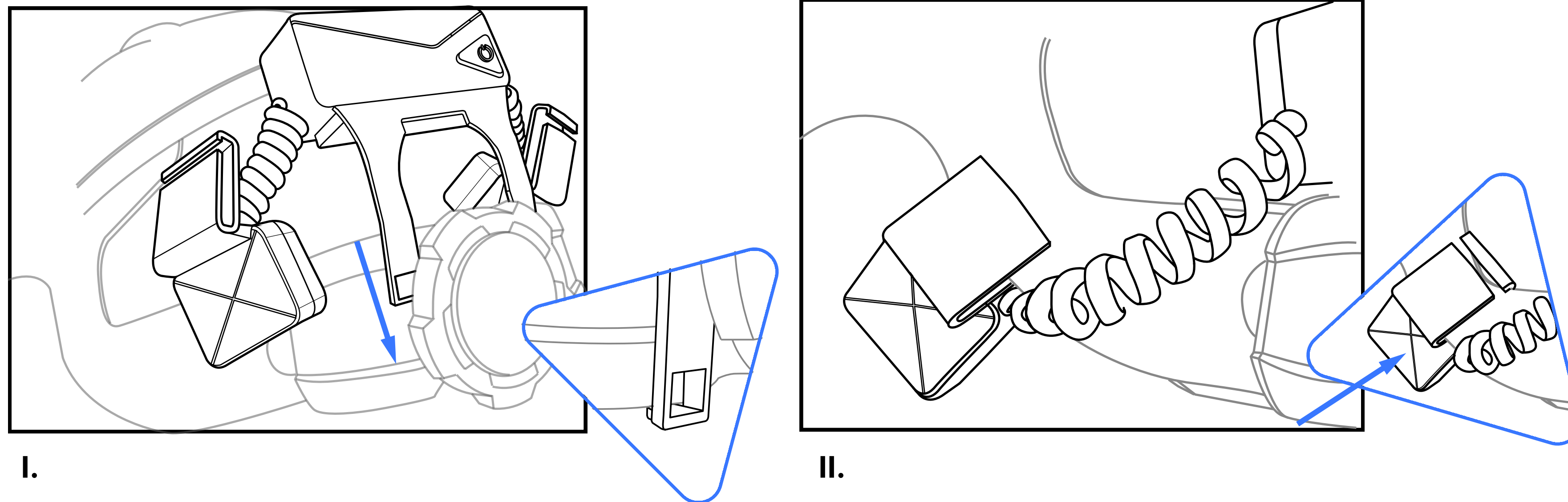


# **mobiWAN 2**

*MWN-02-XX-UL2*

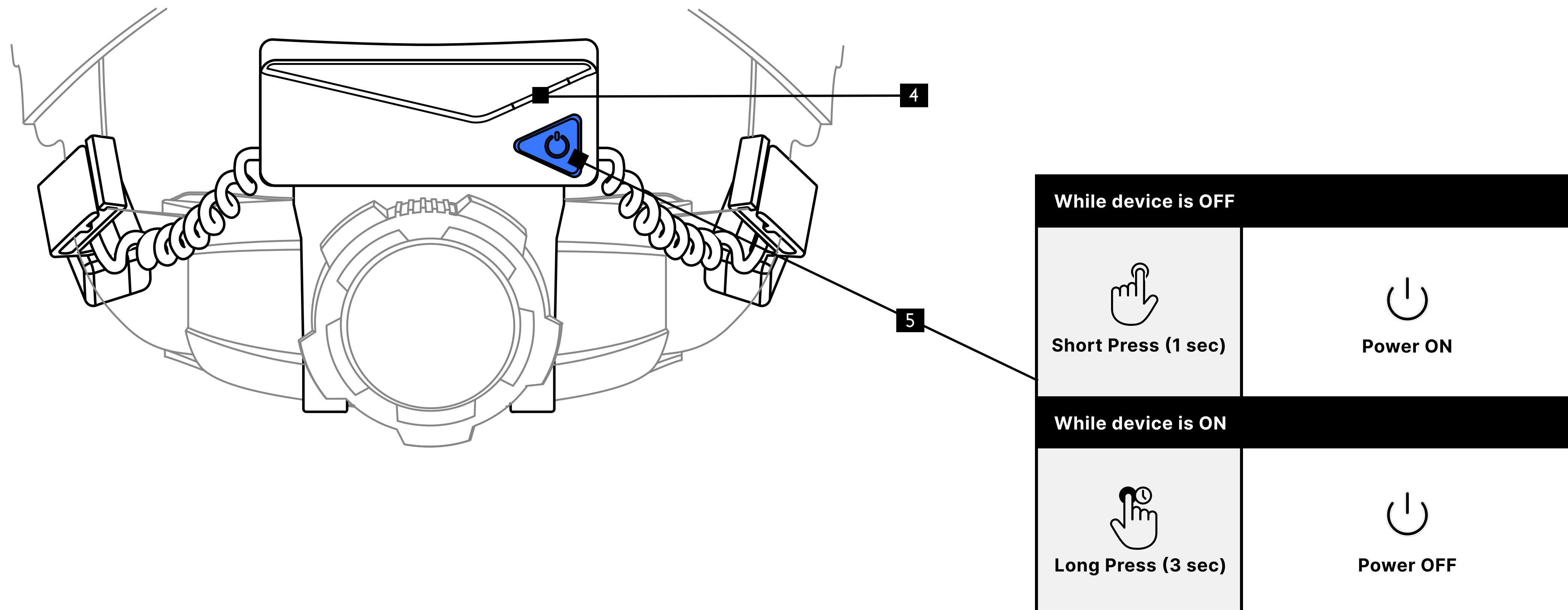


- 1** Main Device
- 2** Bone Conduction Transducer L
- 3** Bone Conduction Transducer R
- 4** LED Light
- 5** Power Button
- 6** Coiled Wire
- 7** Ratchet Clip
- 8** Ratchet Wheel
- 9** Right Button - Volume
- 10** Left Button - PTT
- 11** Charging Port



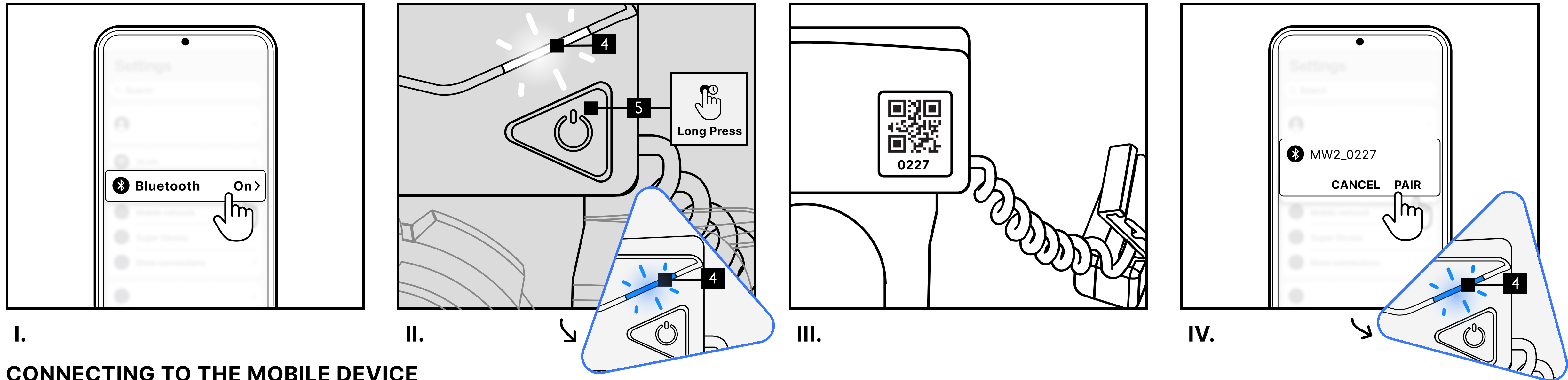
## INSTALL ON HARD HELMET

- I. Insert the Ratchet Clip **7** between the Wheel Ratchet **8** and the suspension body.
- II. Attach both “L” and “R” Transducer Clips **2** & **3** to the suspension arms as shown.
- III. The Coiled Wire **6** should stay on the outside or inside of the suspension and below the Transducer Clips **3** & **2**.
- IV. While wearing it on the head, adjust the position of each Transducer Clip **2** & **3** by sliding them up or down along the suspension for maximum comfort.



## SWITCH DEVICE ON/OFF

A short press for 1 sec on the Power Button **5** will switch ON the mobiWAN. The LED **4** will light up White for a few seconds and the Mobilus' tone will be heard. For the opposite operation, to switch OFF the device, you need to long press the Power Button **4** for a few seconds. To confirm this action the LED **5** will light up Red for a few seconds and the "Power Off" voice prompt will be played.



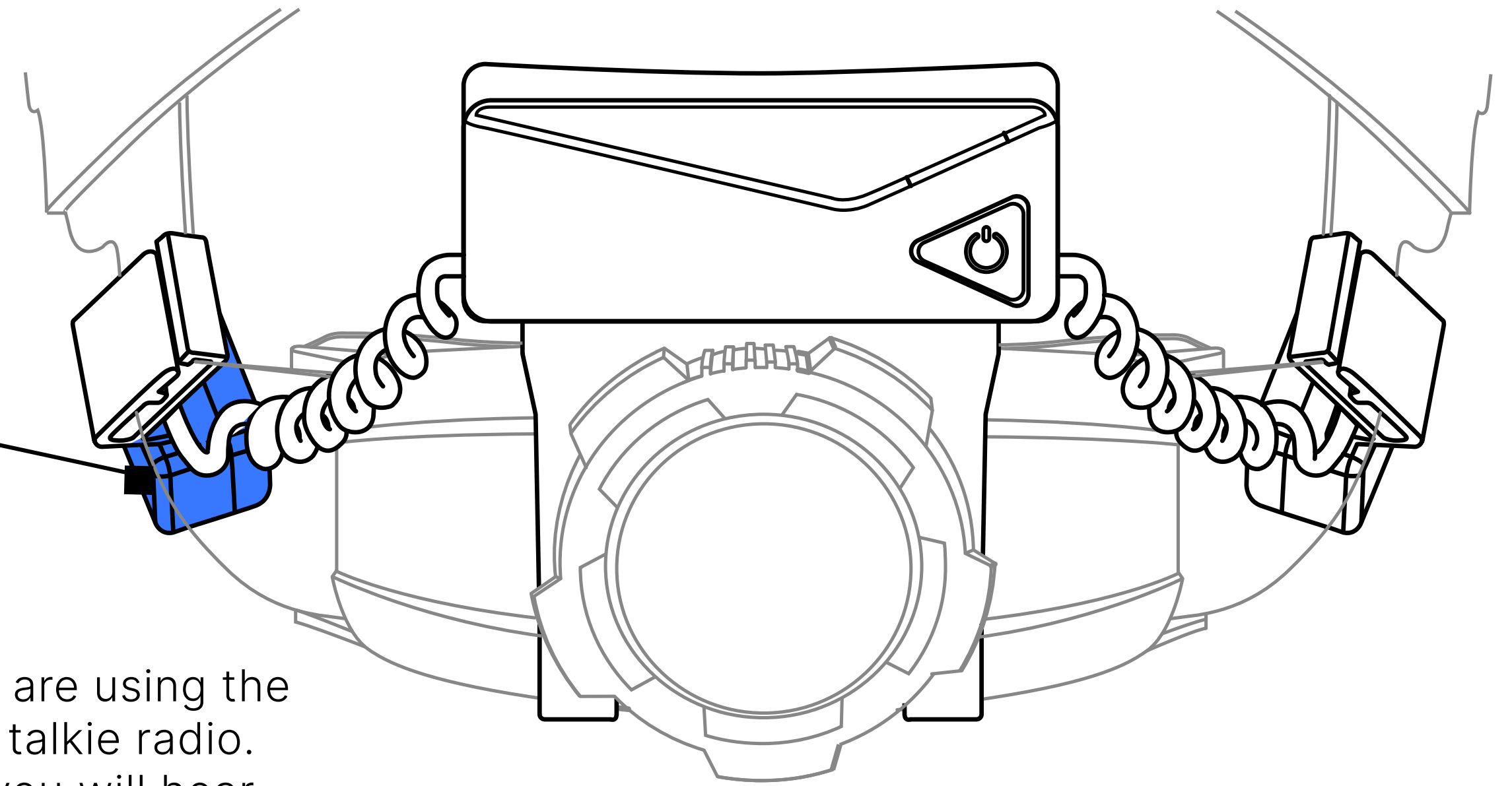
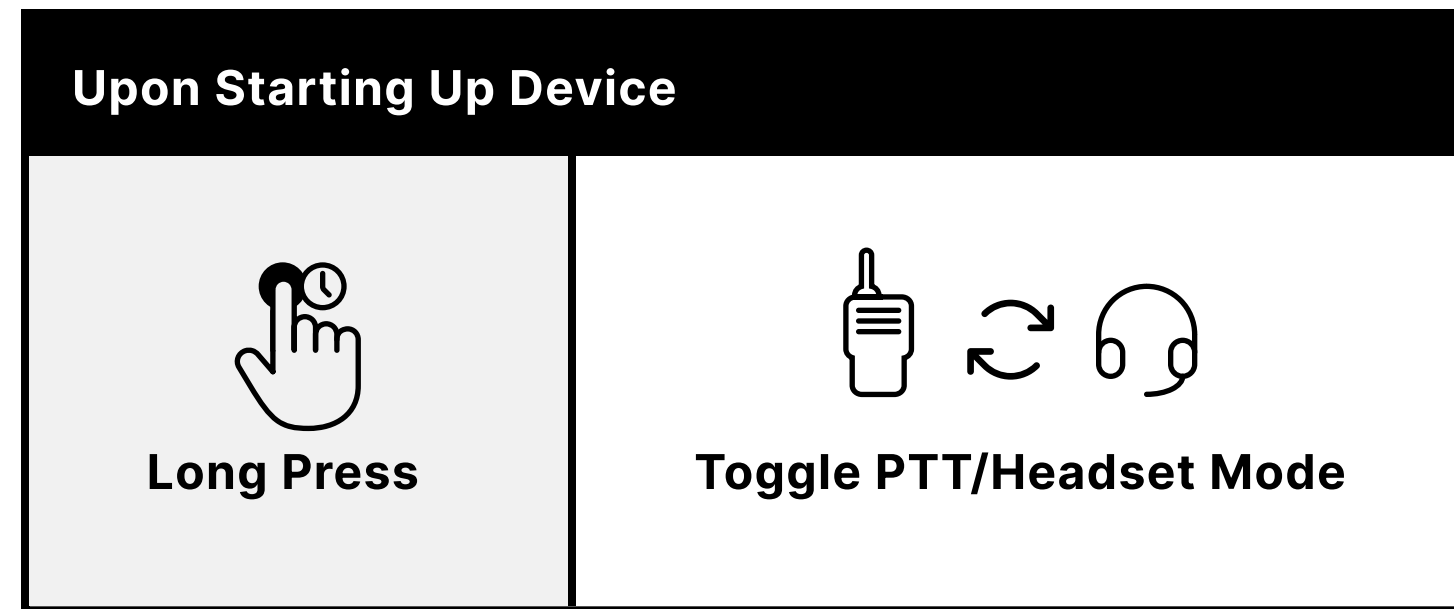
## CONNECTING TO THE MOBILE DEVICE

Follow the steps below when pairing the headset with mobile device for the first time.


- I.** Switch ON Bluetooth on the mobile device.
- II.** Press the Power Button **5** for 1 second, a White LED **4** will indicate the device is On. After 5 seconds, pairing mode will start automatically with flashing Blue LED **4**.
- III.** Find the mobiWAN 4-digit unique identifier on the backside of the Main device (ex. "MW2\_0227").
- IV.** Go to the mobile device's Bluetooth settings to search and add the mobiWAN device. When paired the LED **4** will blink Blue.

The steps above to Pair to the mobile device are only required once. Once correctly paired the mobiWAN will automatically connect to the mobile device after the first few seconds of being powered on.
















## HEADSET / PTT MODE

mobiWAN has different settings to optimize performance depending on if you are using the device with either a smart device, such as a mobile phone, tablet, or a walkie talkie radio. To toggle between the two modes hold the Left Button  after start up and you will hear the voice prompts for the mode selection changes.




Depending on which mode you are using the Left Button  will provide different functionality (see table below).

	Laptop	Not Connected	Companion App	mobiTALK	Radio
 <b>Long Press Left Button</b>	 Press & Hold to Talk	 Toggle PTT/Headset Mode	 Toggle PTT/Headset Mode	 Press & Hold to Talk	 Press & Hold to Talk
 <b>Short Press Left Button</b>	 Toggle Mic On/Off	N/A	N/A	 Toggle Mic On/Off	 Toggle Mic On/Off



## MIC ON/OFF

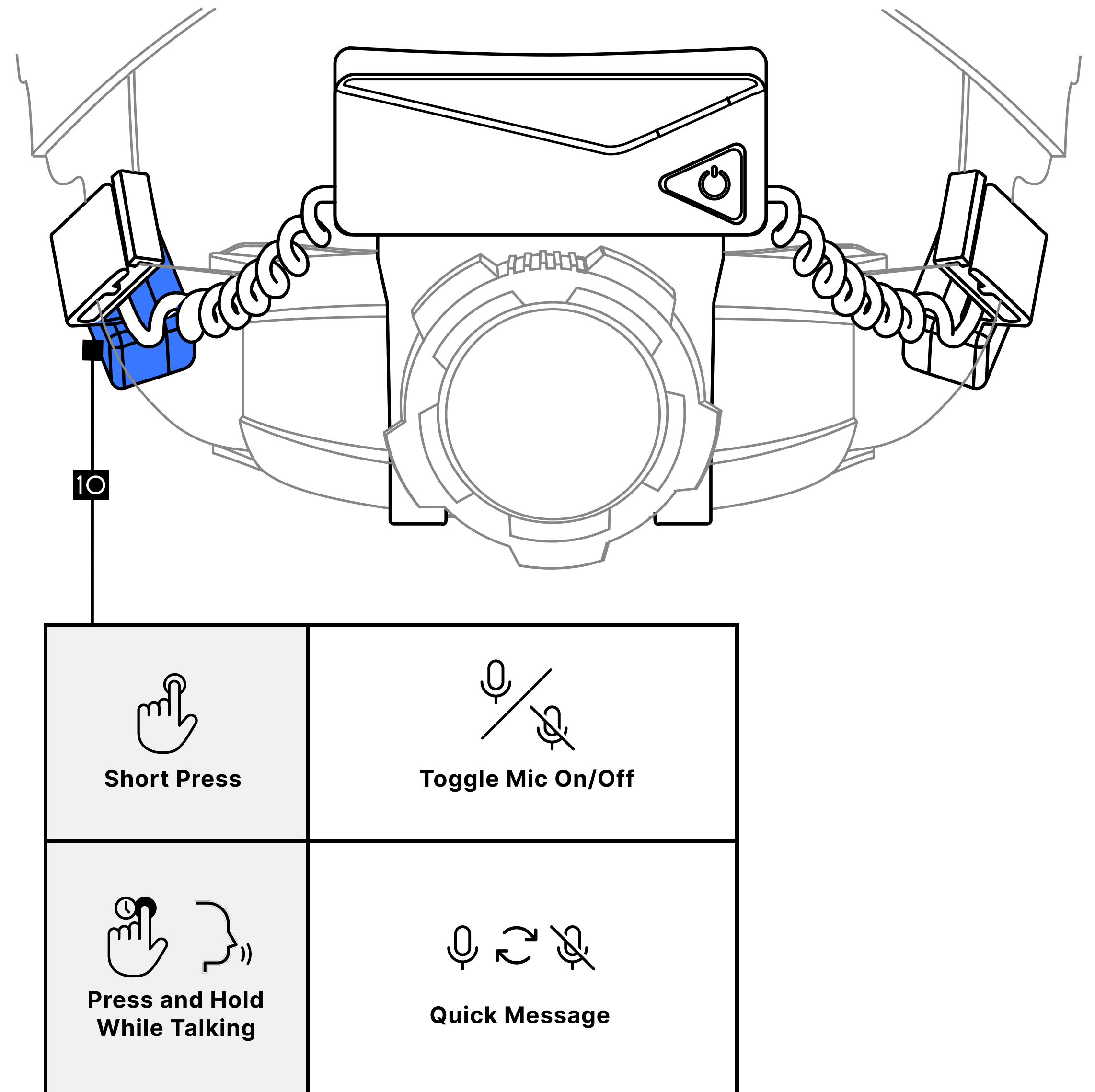
The Left Button  on the mobiWAN allows you to send MIC commands to supporting apps such as Mobilus mobiTALK and other conferencing apps:

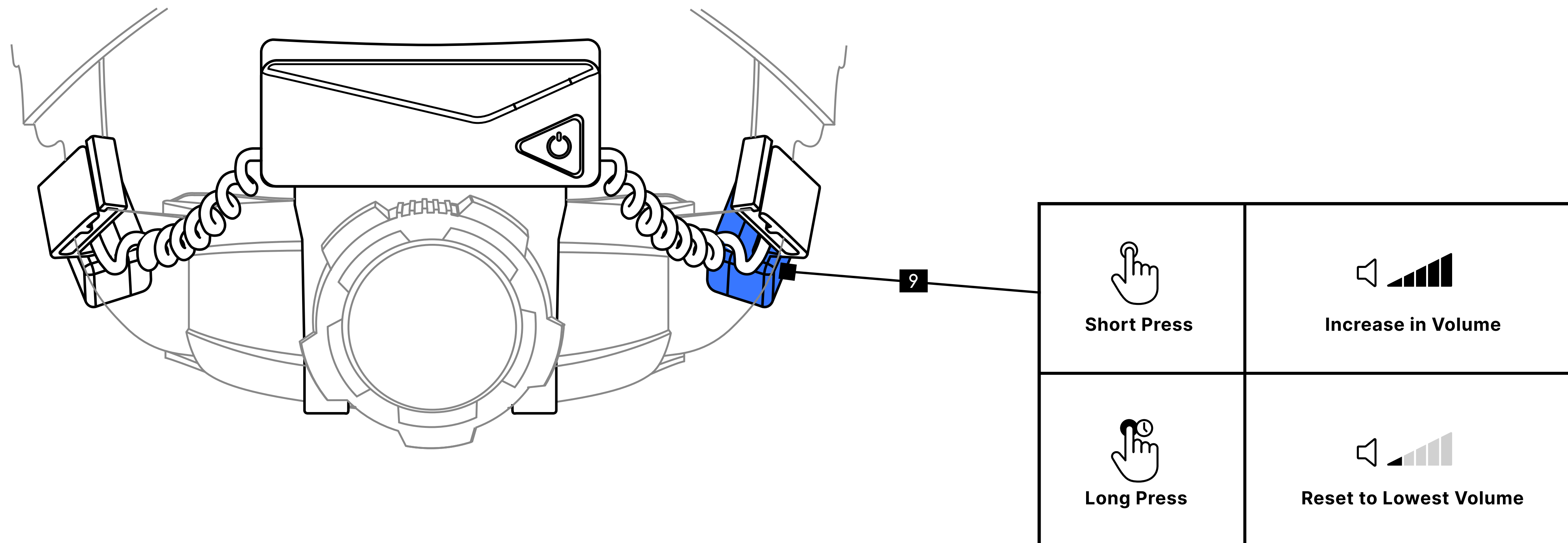
### mobiTALK

- I. A single tap of the Left Button  turns ON and OFF the MIC control. Tap once to initiate MIC ON and then tap again once to turn MIC OFF.
- II. Alternatively tap and hold the Left Button  for more than 1 second and MIC transmission will turn ON. Once the button is released the MIC will turn OFF. When Left Button  is on hold for more than 52 seconds, MIC will turn OFF automatically.

### Conferencing apps (Microsoft Teams and others)


- I. Join the Teams call or conference on your host device (smartphone, tablet etc) as normal and unmute your in app microphone. You will use the mobiWAN MIC
- II. A single tap of the Left Button  turns OFF and ON the MIC control. Tap once to initiate MIC ON and then tap again once to turn MIC OFF.
- III. Alternatively tap and hold the Left Button  for more than 1 second and MIC transmission will turn ON. Once the button is released the MIC will turn OFF. controls to mute and unmute yourself.






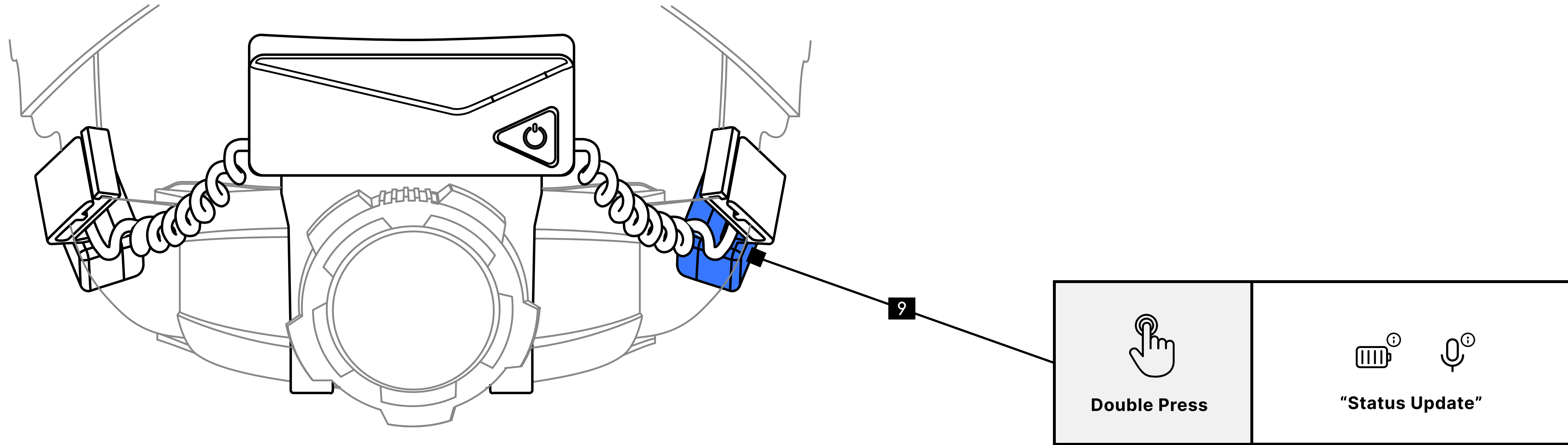
## VOLUME CONTROL

The volume of the mobiWAN can be controlled two ways:

- I. Directly by the volume up and down buttons of the mobile device
- II. By separate single taps of the Right Button  which will increase the volume up to the Max Volume at which point you will hear 3 beeps.



To Reset the volume to the lowest volume, Long Press Right Button  for 1 second to return to the lowest volume level.

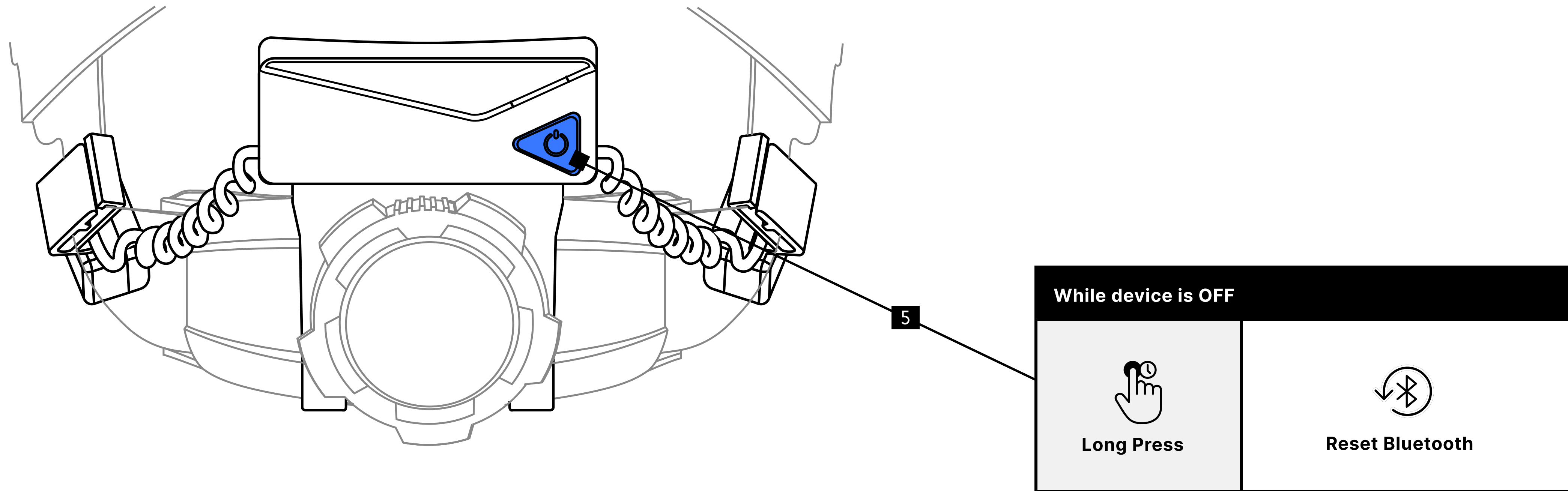




## DEVICE STATUS UPDATE

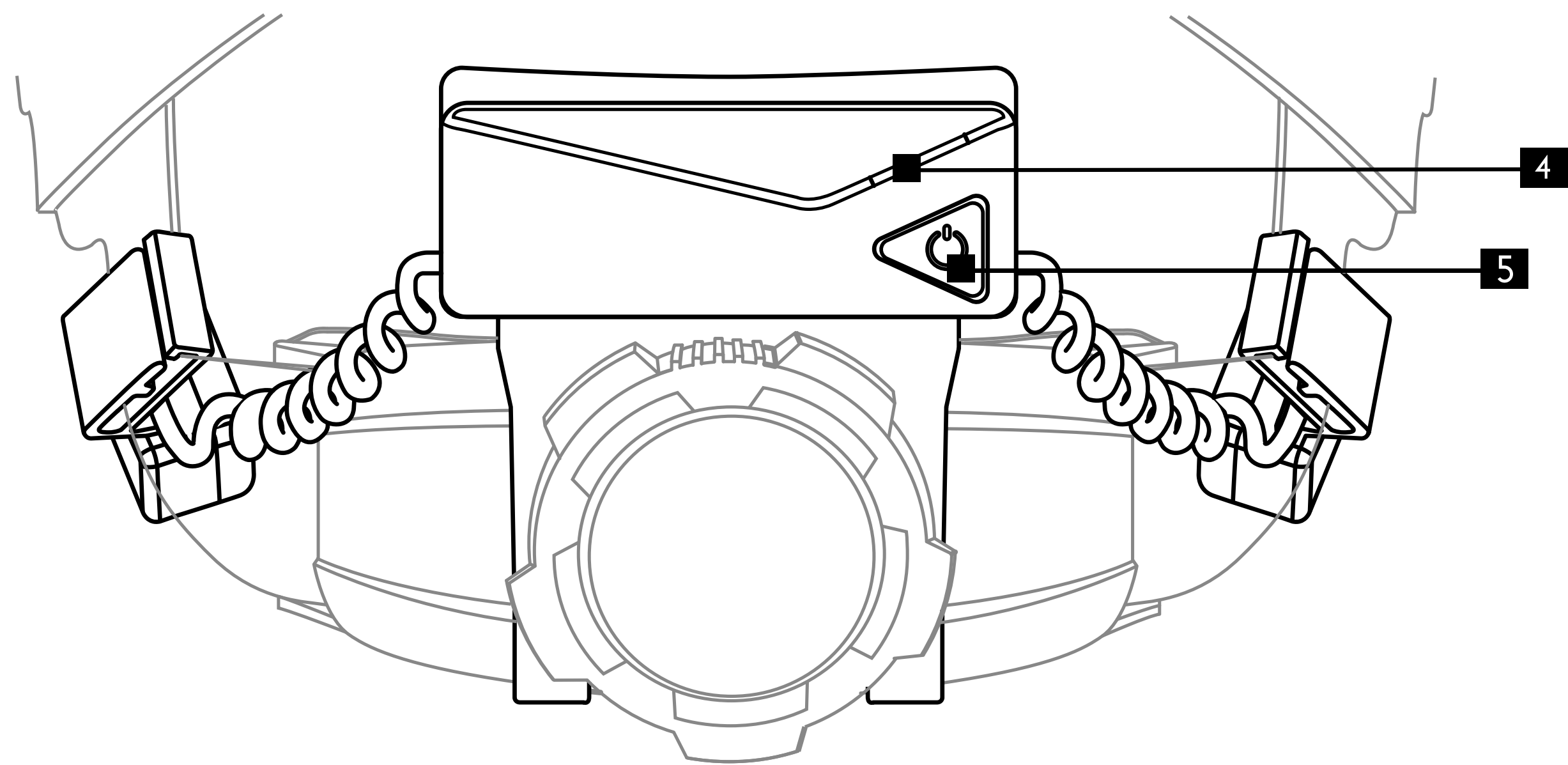
Double pressing on the Right button **9** will provide you (via audio update) information about the battery level of your device, and if you have the MIC command set to the ON or OFF status. The following board shows all the info possible under each category:


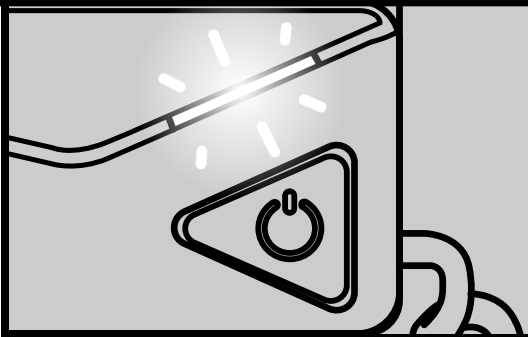

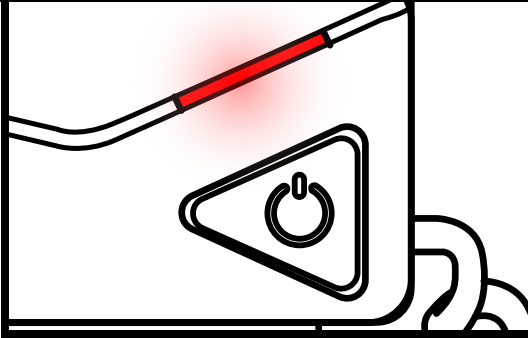
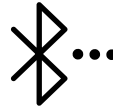
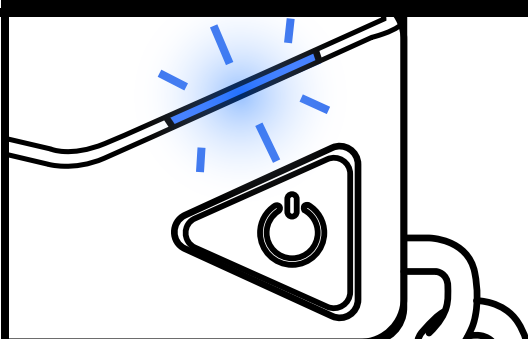

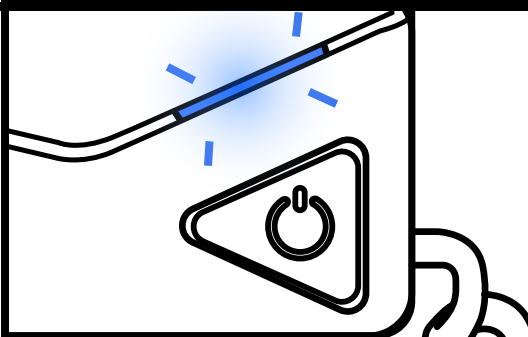

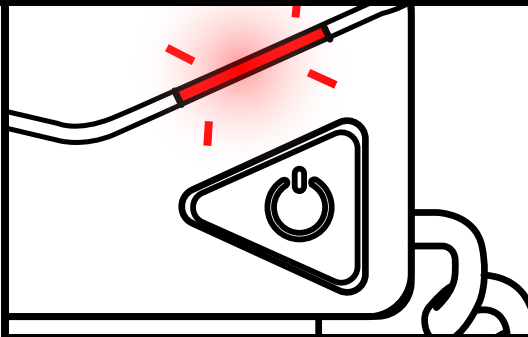
 <b>BATTERY</b>	 <b>MIC</b>
"High" "Medium" "Low"	"On" "Off"



## RESET BLUETOOTH CONNECTION

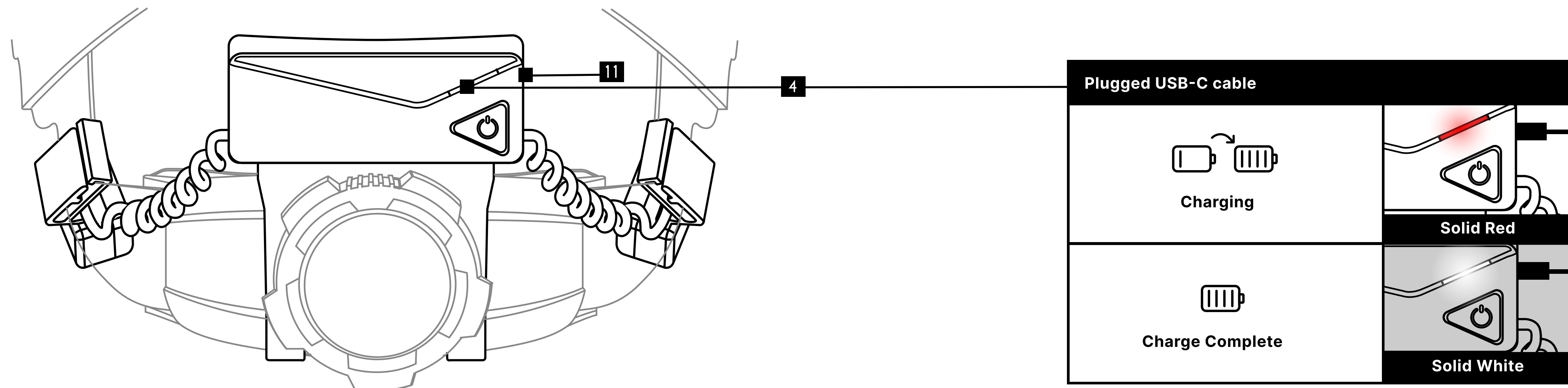
To pair the mobiWAN to a new device you can choose to hard reset the bluetooth pairing on the mobiWAN. To do this hold the Power Button **5** for longer than normally required (5 seconds) on power up, you will then hear the voice prompt say 'RESET' indicating that the bluetooth functionality is ready for pairing to a new device.



 <b>Power ON</b>	 <b>Solid White</b>
 <b>Power OFF</b>	 <b>Solid Red</b>
 <b>Pairing / Waiting to Pair</b>	 <b>Fast Blinking Blue</b>
 <b>Connected</b>	 <b>Blinking 2x Blue</b>
 <b>Low Battery</b>	 <b>Blinking 2x Red</b>

## LED INDICATORS

'The LED indicator **4** above the Power button **5** provides information on the status of the mobiWAN through lighting colours and 'blinking' effects. This includes operations with the device in use, such as Bluetooth connection.



## CHARGING

Plug the headset using the Charging Port **11** into a 5V USB power charger using a USB - C cable. Full charge takes 2-3 hours.

While the device is charging, the LED **4** will remain a steady Red Colour. Once fully charged the LED **4** will change to a steady White colour.

The mobiWAN device should only be charged with a charger rated below 15W.



## TROUBLESHOOTING

Problem	Action
<ul style="list-style-type: none"> <li>• <b>Not powering on</b></li> <li>• <b>Powers on &amp; quickly turns off</b></li> <li>• <b>Abruptly turns off</b></li> <li>• <b>“Battery Low” audio message</b></li> </ul>	Charge the headset using the USB-C cable provided with the mobiWAN.
<ul style="list-style-type: none"> <li>• <b>Not pairing</b></li> </ul>	Reset both the mobile device and mobiWAN device.
<ul style="list-style-type: none"> <li>• <b>No sound</b></li> </ul>	<p>Confirm the mobiWAN device is properly paired and connected to the mobile device.</p> <p>Alternatively confirm that the mobile device audio is not muted and/or increase volume.</p>



**RoHS  
Compliant**



SGS: Certificate number SGSNA/20/CA/00005X.



This is not household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical equipment.

**IP54**

The unit is IP54 rated, being resistant to sweat and water splashes in any direction.

For any questions or concerns contact:  
support@mobiluslabs.com

Designed in London / Manufactured in the UK