



# ITalks MCS 1608 V2

## Installation manual click version



### Contents (see image 1):

- 1x ITalks MCS 1608 V2, packed in an antistatic bag and stickers with the DEVEUI number and SIGFOX ID
- 1x small bag of Silica gel (do not open).
- 1x Batterypack (blue or black)
- 1x Enclosure (1 cover, 1 bottom and 1 click mounting plate)
- 1x Rubber seal (pre-mounted on the cover, only on non-vented covers)

There are different versions of the cover (Click Small, Click Large, Click Vented), all three are mounted the same way, the only difference is that de vented cover does not need a rubber seal.

### Assembly instructions:

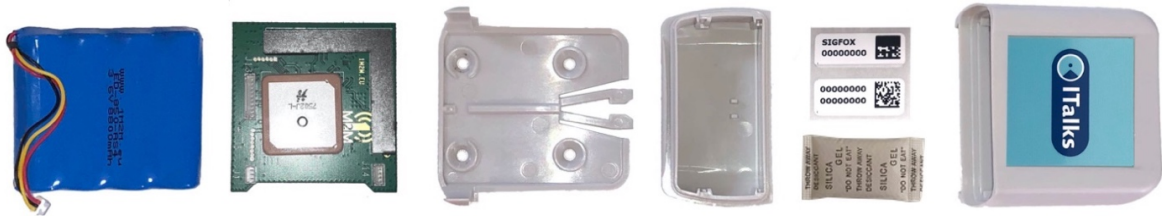


Image 1

1. Open the antistatic bag and put the DEVEUI/SIGFOX stickers on the enclosure where it is legible.
2. Connect the battery as pictured (Image 2).  
Note: please do this carefully and in the correct connector (J1).  
**Check:** you will see a LED blink.

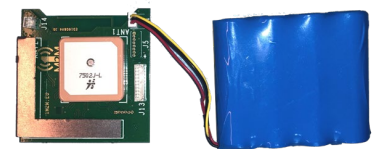


Image 2

3. Put the ITalks MCS 1608 V2 together with the battery pack in the enclosure.  
Be sure the battery connector is facing up and towards the lid.  
The PCB will fit into the two slits on the inside of the enclosure.  
**Check:** on the top of the enclosure you will see the LED blink.

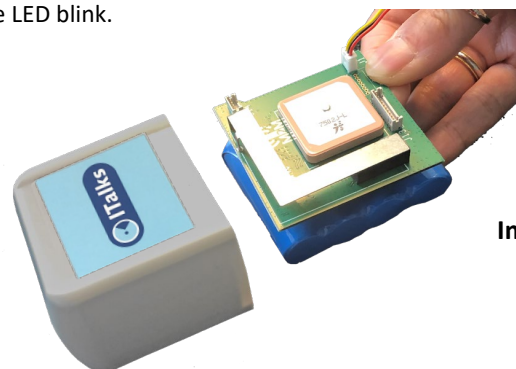


Image 3

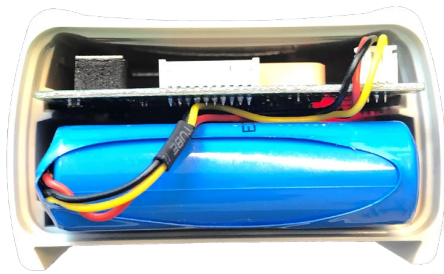


Image 4

### Mounting instructions

The enclosure has a transparent rubber seal in the cover (see image 4, shown as white ring). To be sure the enclosure is closed properly please follow these instructions.

1. Make sure the transparent rubber ring is placed around the cover.
2. If it is very difficult to close the lid you can put a bit of Teflon grease on the ring.
3. To have the best protection against water place the enclosure vertically, with the lid pointed downwards.  
Below some examples in Image 5:



Image 5

4. The click mount part has to be mounted to something, especially the two holes near the lid should be used for mounting the device. This way the lid will have a strong fit. The other two optional holes can be used for extra strong mounting. See image 6.

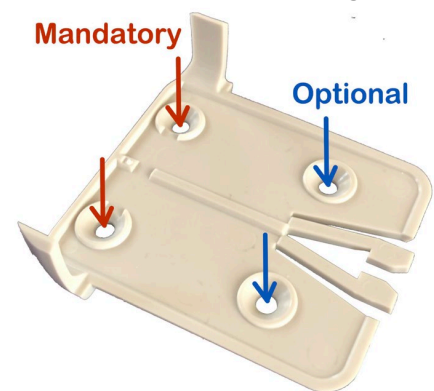


Image 6

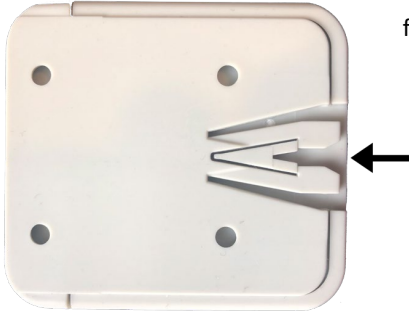


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### Optional keytool:

There is an optional tool (keytool) available to remove the enclosure from the click mount. See image 7.



**Image 7**

### Assembled devices (deep sleep):

When you order a fully assembled device, the unit is in deep sleep mode on arrival. To wake up the device you have to use a keytool (optional) with has a magnet inside. If you swipe the keytool a few times at the top side of the enclosure from left to right and back, the device will wake up and will start to make a connection.

All leds start to blink when it is done successful.

See also this video that shows the wakeup procedure:

<https://www.1m2m.eu/download>

### Note:

Only when properly assembled and mounted this housing can withstand wet conditions comparable to IP67.