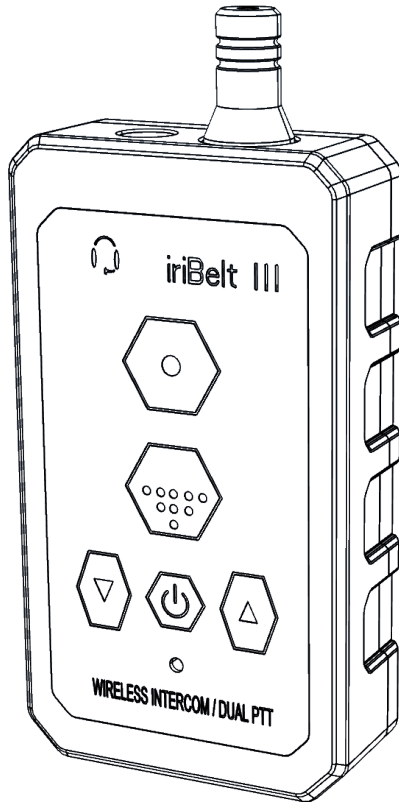


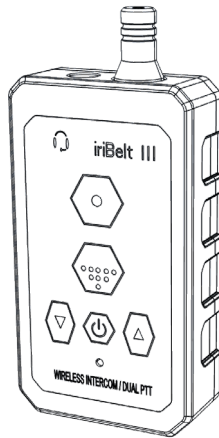
User manual



iriBelt III

CONGRATULATIONS ON YOUR NEW PRODUCT FROM
IRIDIUM WATERPROOF COMMUNICATION SYSTEMS

iriBelt III



IWCS HOPE YOU WILL ENJOY THE BENEFITS OF TROUBLE
FREE HIGH QUALITY INTERCOM. PLEASE READ THESE
INSTRUCTIONS CAREFULLY BEFORE FIRST USE.

IF INSTALLED, OPERATED AND MAINTAINED
ACCORDING TO THIS MANUAL THE iriBelt III WILL BE A
RELIABLE PARTNER FOR MANY YEARS TO COME.

THOMAS B SVENNINGSEN
CO-FOUNDER OF IWCS

1. Introduction

1.1 Disclaimer	Page:	4
1.2 Copyright	Page:	4
1.3 Trademark	Page:	4
1.4 Safety Warning	Page:	5

2. Unboxing

2.1 In the box	Page:	6
----------------	-------	---

3. Usage

3.1 Buttons	Page:	7
3.2 Mode button	Page:	8
3.3 LED indicator	Page:	9
3.4 Charging	Page:	10

4. Service And Maintenance

4.1 Specifications	Page:	11
4.2 Cleaning	Page:	11
4.3 Warranty	Page:	11
4.4 Service and upgrades	Page:	11
4.5 Maintenance	Page:	11

4 Introduction

1.1 Disclaimer

Any responsibility or liability for loss or damage in connection with the use of this product and the accompanying documentation is disclaimed by IWCS.

The information in this manual is provided for information purposes only, is subject to change without notice and may contain errors or inaccuracies.

Manuals issued by IWCS are periodically revised and updated.

Anyone relying on this information should acquire the most current version e.g. upon request at info@iwcs.eu

IWCS is not responsible for the content or accuracy of any translations or reproductions, in the whole or in part, of this manual from any other source.

1.2 Copyright

2024 Iridium Waterproof Communication Systems ApS. All right reserved.
Printed in Denmark.

1.3 Trademark

iriBelt III is a Trademark by Iridium Waterproof Communication Systems ApS.

Revision

Release date

Release note

1.1
1.2

19-03-2024
23-10-2024

General Revisit
New product design






Hejrevang 13
3450 Allerød
Denmark

+45 43 43 26 26
info@iwcs.eu
www.iwcs.eu

1.4 Safety warning

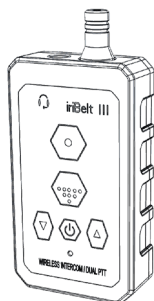
The following general safety precautions must be observed during all phases of operation, service and repair of this equipment. Failure to comply with these precautions or with specific warnings elsewhere in this manual violates safety standards of design, manufacture and intended use of the equipment. IWCS assumes no liability for the customer's failure to comply with these requirements.

- EMC / RF EXPOSURE**
iriBelt III is CE and UKCA certified as stated in the Declaration of Conformity. 
- FIRE**
In case of fire, harmful gases and fumes may occur. One should immediately leave the area and seek help. In case of suspected smoke in the lungs, a doctor should be consulted. 
- POWER LOSS**
Power interruptions limited to iriBelt III will not affect other users communication. A general power outage will turn off the entire intercom system. IWCS is not responsible for any power outages or consequences thereof, of any kind. 
- WARRANTY LIMITATIONS**
IMPORTANT - This unit is a sealed waterproof unit (classified IPX7). To create and maintain its waterproof integrity it has been assembled in a controlled environment using special equipment. This unit is NOT a user serviceable unit, and under no circumstances should the unit be opened except by authorized personnel. Unauthorized opening of the unit will invalidate the warranty. 
- DISPOSAL**
When disposing of iriBelt III and related equipment, it must happen in accordance with applicable national law. 

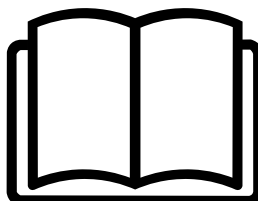
6 Unboxing

2.1 In The Box

1 x iriBelt III*

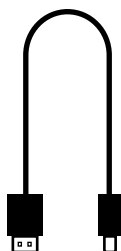


1 x User Manual



**Cable type and connector type depends on the headset.*

1 x USB to USB-C Cable



1 x Inductive charging plate



3.1 Buttons

Headset Connector

Align RED dots with your headset connector
Push/Pull connector. Do not twist or bend

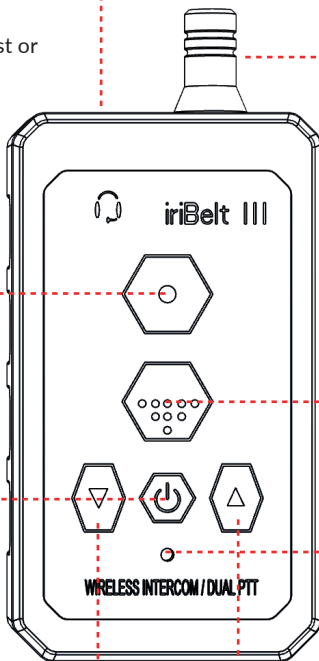
The headset connector will vary depending on headset type.

PTT 1

Mode Button*

Volume Down

In Master Reset Mode, this button reduces the sound quality and enhances the range. When selected, press MODE button to save.



Antenna

PTT 2

LED Indicator**

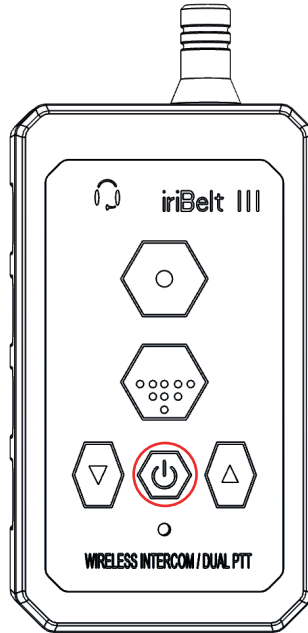
Volume Up

In Master Reset Mode, this button sets the sound quality high and the range to standard. When selected, press MODE button to save.

*= Refer to page 8

**= Refer to page 9

3.2 Mode Button



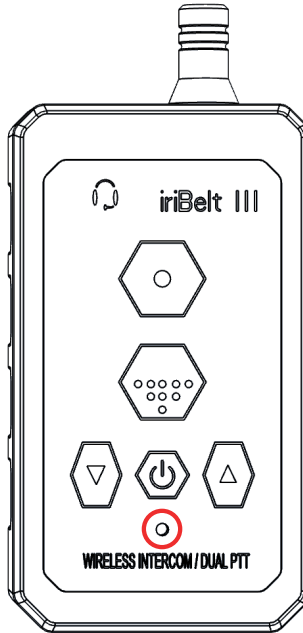
From OFF Position:

Press & hold for 2 sec:	ON
Press & hold for 5 sec:	Pairing Mode 1 Mobile Phone
Press & hold for 10 sec:	Pairing Mode 2 Intercom
Press & hold for 15 sec:	Pairing Mode 3 Peer-To-Peer*
Press & hold for 25 sec:	Master Reset / Range setting
Press & Hold for >30 sec:	Automatic OFF

From ON Position:

Press & Hold for 2 sec:	OFF
-------------------------	-----

3.3 LED Indicator



GREEN	Flash	ON
BLUE	Fast Flash	Pairing mode
BLUE	Slow Flash	Paired / Active
RED	Flash / 5 sec	Low Battery
RED	Flash	Charging

When fully charged light turns OFF

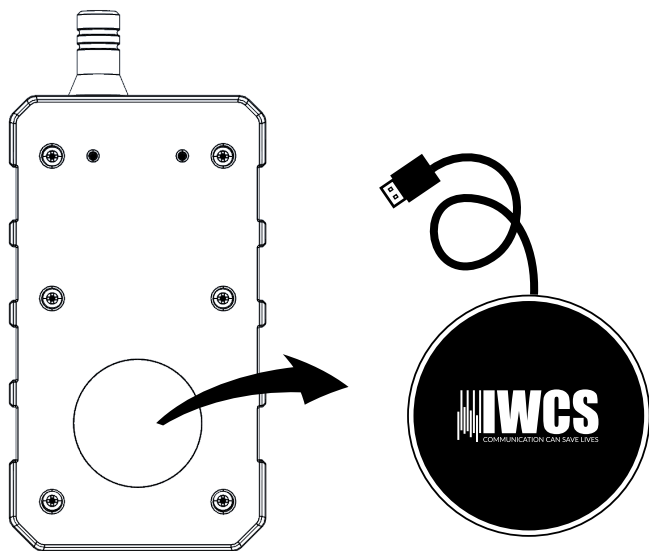
3.4 Charging

iriBelt III has an advanced inductive battery charge circuit. The 700 mAh Li-Ion battery provides long life and long operational time - up to 24 hours.

When iriBelt III is turned ON, a Voice Prompt will inform of the present battery status with a "Battery High" (80-100%), "Battery Medium" (20-80%) or "Battery Low" (10-20%). At the 10% battery level there is an automatic Cut Off, which will turn off iriBelt III.

When the Low Battery level is reached, the Status LED on the front, will flash RED every 5 seconds.

To charge iriBelt III place the unit on top of the Qi wireless charging pad. The Status LED will flash RED every 2 seconds, as long as the battery is being charged. When the battery is fully charged the Status LED will stop flashing and turns off. It doesn't matter if iriBelt III is ON or OFF during charging.



4.1 Specifications

iriBelt III	
Weight	300 g
Radio	2,4 GHz
Waterproof	IP67
Temperature range	-30 to +60 °C
Standard range	Up to 50 meters LOS
Long range	Up to 250 meters LOS
No. of PTTs	2
Battery	700 mAh Li-Ion
Charging	Inductive, USB
Inductive charge time	<4 hours
Frequency range	20 - 8.000 Hz
Part number	IR-20-2012OBK-01-_____

4.2 Cleaning

Do not use chemicals or solvents to clean your iriBelt III. Use only fresh water. Pressure, friction, sharp objects, etc. can damage the product and the warranty may be void.

4.3 Warranty

iriBelt III is covered by a two (2) year warranty.

4.4 Service / Upgrades

Any Service or additional Upgrades must be handled by IWCS. Do not try to open or modify the IWCS product.

4.5 Maintenance

If your IWCS IriBelt has been exposed to saltwater, chemicals or any other solvents/liquids, immediately rinse with freshwater and wipe with a dry cloth.

iriBelt III
is developed, designed and
manufactured by

IWCS Aps

**Hejrevang 13
3450 Allerød
Denmark**

+45 4343 2626

**info@iwcs.eu
www.iwcs.eu**

