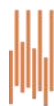
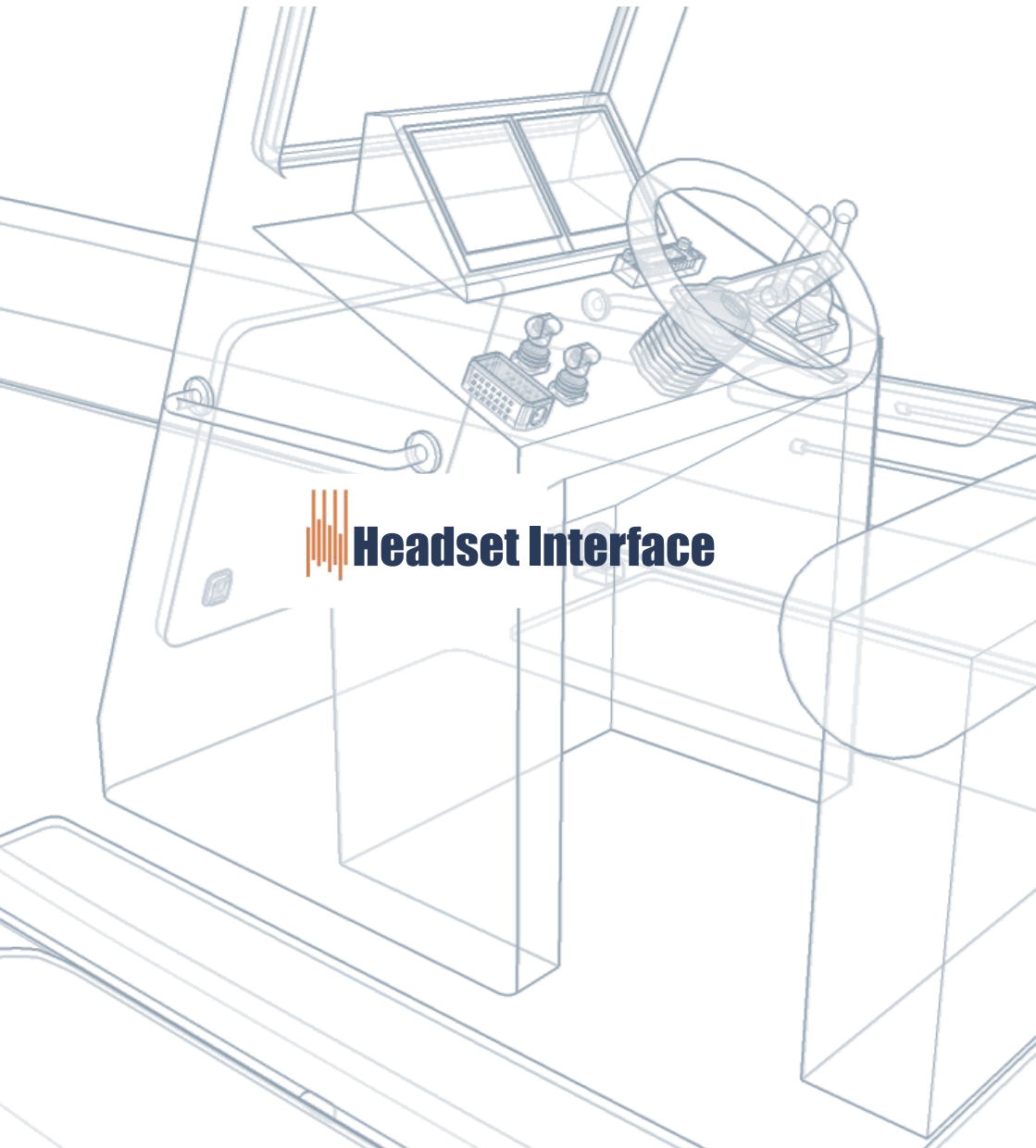


User Manual



Headset Interface

CONGRATULATIONS ON YOUR NEW PRODUCT FROM
IRIDIUM WATERPROOF COMMUNICATION SYSTEMS

Headset Interface

*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 AC-
CORDING TO THIS MANUAL, THIS
HEADSET INTERFACE WILL BE A RELIA-
BLE PARTNER IN MANY YEARS TO
COME.*



THOMAS B SVENNINGSEN
CO-FOUNDER OF IWCS



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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

2019 Iridium Waterproof Communication Systems ApS. All right reserved. Printed in Denmark.

1.3 TRADEMARK ACKNOWLEDGEMENTS

iriSound is a Trademark by Iridium Waterproof Communication Systems ApS

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 warning 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

IWCS Headset Interface is CE certified as stated in the Declaration of Conformity which is accessible on request.

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

In the event of a power outage, Headset Interface will turn off and will automatically restart when power is restored.

Power interruptions limited to Headset Interface will not affect other electronic components. 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 IP67). To create and maintain its waterproof integrity it has been assembled and a controlled environment using special equipment. This unit is NOT a user maintainable unit, and under no circumstances should the unit be opened except by authorized personnel. Unauthorized opening of the unit will invalidate the warranty.

INSTALLATION AND SERVICE

Installation and general service must be done by skilled service personnel only.

DISPOSAL

When disposing of iriSound and related equipment, they must be in accordance with applicable national law. There are no batteries inside Headset Interface.

2.1 UNBOXING

Congratulations on your new IWCS product. Before you start installation, please make sure that all parts are included in the box.

- IWCS Headset Interface
- Bracket
- Installation Guide/User Manual (this)
- IWCS Data Cable, if ordered.

2.2 TOOLS

Before installation please prepare the following tools:

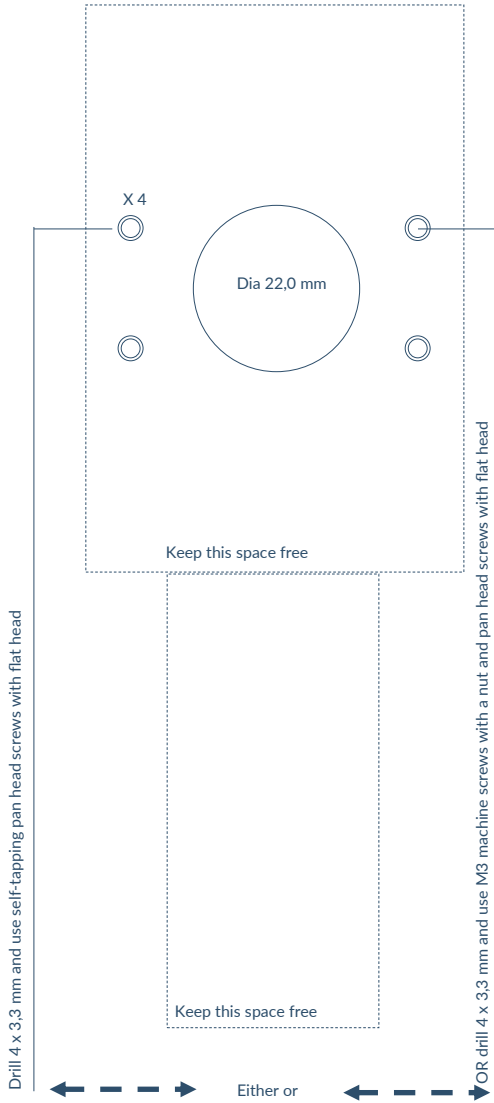
- Tape
- 3,3 or 2,5 mm drill bits
- 22 mm hollow drill bit
- Drill

2.3 INSTALLATION

Place the Drill Template in an appropriate position. Make sure that the IWCS data connector underneath, will have free access from the inside. Also make sure that the Headset connector is placed so the connector from the headset will have easy access. Mount the Headset Interface in such way that the headset connector will not be stressed or forced in the bracket. Make sure to prevent excessive tension to the headset connector by installing a wire-relief in front of the plug.

Drill holes according to the drill Template (next page) and mount the bracket with M3 Pan Head screws. Mount the IWCS data cable from iriSound in the rear connector, and feed the wire through the M22 centre hole. Carefully press the Headset Interface into the gap of the bracket, and make sure that the taps are fully inserted.

2.4 DRILL TEMPLATE



BACKSIDE OF DRILL TEMPLATE

2.5 CONNECT TO IRISOUND

Install the other end of your IWCS data cable in any port of your iriSound. Your Headset Interface is now ready to use.

Note: If your system includes an iriSelect you need to make sure to connect to the correct port on iriSound. Otherwise the mode setup will be incorrect.

If your system includes an iriSelect, LED light intensity will be adjusted according to ambient light conditions as recorded by iriSelect.

3.1 USER GUIDE

CONNECT YOUR HEADSET

When you want to connect your headset to your Headset Interface, start by removing the Protection Lid. Then turn your headset connector, so that the red align indication is facing up (Like the align indicator on the Headset Interface). Make sure that the headset connector is inserted fully into the Interface connector. Do not force the connectors. When the connector is in place the outer ring of the Male connector (Headset) will lock by a click. The headset is now ready to use.

When you want to disconnect the headset, gently pull back the outer ring of the Male connector (Headset) until the two connectors are disconnected. Place the Protection Lid over the Interface connector to prevent moisture from entering the connector.

VOLUME

The volume can be adjusted by pressing the Up ▲ and Down ▼ buttons on the Headset Interface. The 6 LEDs will indicate level of the Volume. Lowest level is displayed by 1 LED. Another press on Down ▼ will MUTE the Headset and all LEDs will be off.

PTT

The Headset Interface supports remote radio keying (Push To Talk) of up to 4 external radios connected to an iriSound system. When one or more radios are present in the system, a long press of Volume Down button will put the Headset Interface into PTT mode. A short press of Volume Down will toggle through the available radios (1 to 4). The top 4 LEDs will indicate which radio is selected. Pressing Volume Up will send the PTT signal to the corresponding radio. The bottom two LEDs indicate radio PTT signalling.

If your system includes an iriSelect, the Headset Interface will receive information regarding enabled radios for the specific user and only enabled radios can be selected.

PRECAUTIONS

Do not use excessive force when operating your IWCS Headset Interface. The buttons only require a light press to react (typically 3-500 grams). To prevent strong pulls or twists in the headset connector, it is recommended that the cable is mechanically relieved to a fixed point next to the Headset Interface.





3.2 MAINTENANCE

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

WARNING - The Headset connector is only IP67 Waterproof when mated, and may NOT be exposed to any solvents/liquids when unmated. Always use the silicone lid, when not in use.

The Headset Connector must be inspected after each use, and apply a modest amount of *Molykote 44 Medium* as required.

No further maintenance is required.

3.3 TROUBLESHOOT

PROBLEM	CAUSE	SOLUTION
<ul style="list-style-type: none"> ▪ Headset Interface does not turn ON ▪ PTT functions does not work ▪ No RX/TX from headset 	<ul style="list-style-type: none"> ▪ Data cable not plugged in ▪ iriSound port defect ▪ Cable defective ▪ Headset not plugged in 	<ul style="list-style-type: none"> ▪ Check Data Cable ▪ Change port on iriSound ▪ Change cable ▪ Change Headset Interface

3.4 PRECAUTIONS

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3.5 SPECIFICATIONS

Specifications	Headset Interface
Model	
Width	51 mm
Depth	35 / 41 mm
Height	84 mm (without headset connected)
Weight	135 g
Enclosure material	Industrial Silicone NE7160
Temp. range	-20 to +65
Water-resistance	IP 67 - Designed for maritime use above surface
Power supply	Powered by iriSound
Interface	IWCS Data Bus
Release	May 2015

CLEANING / MAINTENANCE

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

WARRANTY

Headset Interface is covered by a limited warranty. A two (2) year full warranty *

SERVICE / UPGRADES

Any Service or additional Upgrades must be handled by IWCS

Do not try to open or modify the IWCS product

Call our Hot-Line at +45 43 43 26 26 or send us an email at support@iwcs.eu

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