TIGER PERFORMANCE

25 YEARS MANUFACTURING CREDIBILITY OF MARINE AND AVIATION SAFETY AND COMMUNICATION PRODUCTS

Tiger Wireless Headset & Transceiver System User Manual

- 1000' LINE OF SIGHT RANGE
- HEADSETS OR HELMET PAIR TO EACH OTHER (20 OR MORE)
- HIGH CLARITY IN WIND
- 30 DAY RETURN
- IP65 RATED
- HEADSET OR HELMET CARRY BAG

TIGER WIRELESS CARBON FIBER HEADSETS WITH BLUETOOTH

- 3 YEAR WARRANTY
- RECHARGEABLE LI-ION BATTERY
- MICROPHONE SQUELCH CONTROL
- BLUETOOTH/ INTERCOM TOGGLE SWITCH
- RADIO PIT

Helmet

Helmet

OPTIONAL TRANSCEIVER TO CONNECT WIRELESS HEADSETS TO AN ONBOARD RADIO, EXISTING ONBOARD INTERCOM OR MUSIC. CAN BE FLUSH OR BULKHEAD MOUNTED

Icaro Pro Copter & Marine Helmet with Carbon Fiber Bluetooth Hedaset

MSA Helicopter Helmet with Integrated Wireless Helmet Comms

Tiger Wireless Neckband Headset

Tiger Wireless Headband Headset

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TIGER WIRELESS HEADSET & TRANSCEIVER SYSTEM USER MANUAL

TIGER WIRELESS HEADSET OPERATING INSTRUCTIONS

Each Tiger Wireless headset or helmet has a tri-action on/off/volume/radio PTT control rotary/spring loaded knob. This spring-loaded knob can be pushed for radio PTT for the system connected radio. The headset also includes a dual action spring loaded rotary knob for a full range of voice activated microphone squelch control. The squelch knob also acts microphone PTT for very high noise or wind applications. The wireless headset also includes an intercom PTT button. This button is used when the transceiver is connected to an onboard intercom system with plug in non-wireless headsets enabling the wireless headsets to communicate with the non-wireless headsets via the intercom PTT button. The wireless headset auto pairs to the transceiver and re-pairs when returning from being out of range of the transceiver. The headset Bluetooth function includes a mini 2 position toggle switch with switch protector cup. When in the wireless intercom mode, the headset is full duplex wireless. The Bluetooth mode is used for cell phone calls and cell phone music.

Any headset or helmet can be used as a host for group wireless communications without the use of a transceiver. With the headset off, press down on the squelch knob while at the same time turning on the headset using the power on/volume/radio PTT control knob. There will be an audible “host mode” sound from the speakers. The host mode step is only needed for one of the headsets, every additional headset will auto connect to the host when powered on. Turn on other wireless headsets or helmets by rotating the volume know clockwise. Up to 20 headsets will connect to the host headset when turned on. If the headset/helmet is not connected, correctly you will hear an audible “disconnected”. When the headset/helmet battery is low you will hear an audible “battery low” every 5 minutes. The headset/helmet battery could last for 1.5 hours when the audible alert occurs. The headset/helmet includes USB-C charging jack. Each headset includes a USB-C X USB charging cord. The headset/helmet LED light functions are as follows.

- Power - green light flash
- Low battery - red light flash
- Battery charging - red light on
- Battery fully charged - green light on
- Headset hosting - orange light

If radio communications are connected to the wireless transceiver, pressing the headset/helmet radio PTT button will activate radio transmission from the headset/helmet. While pressing the radio PTT button, the intercom transmission will be muted. All connected headsets/helmets will receive radio transmissions.

If the wireless transceiver is connected to an onboard intercom system, the wireless headsets/helmets and the intercom headsets/helmets will all be included in community communications. The wireless headset microphone will transmit to the non-wireless intercom system headsets via the intercom microphone PTT button. The wireless headsets will hear the onboard intercom connected radio audio.

Each headset or helmet may include an optional Plug in non-wireless feature including headset/helmet mounted Intercom communication 10 Pin LEMO jack and plug in communication cable with choice of 30” (77cm) straight or coiled cable with a choice of U174, dual GA, LEMO or AP107 plug(s).

Each wireless headset or helmet is available in PNR, PNR/Bluetooth, ANR and ANR Bluetooth versions.

Also available is an optional wireless remote Key Fob which enables isolation of the user’s wireless headset for private Bluetooth or radio communications.

Tiger Wireless Headset/Helmet Specs:

- Headset/helmet range- approximately 1000 feet/305 meters line of sight
- Environmental-water/rain resistant (IP65)
- Connectivity capacity- up to 20 wireless headsets or helmets
- The Tiger Wireless Transceiver case is made off extruded aluminum, providing EMI/RFI protection and meets IP66 requirements

Tiger Wireless headset Kit Includes:

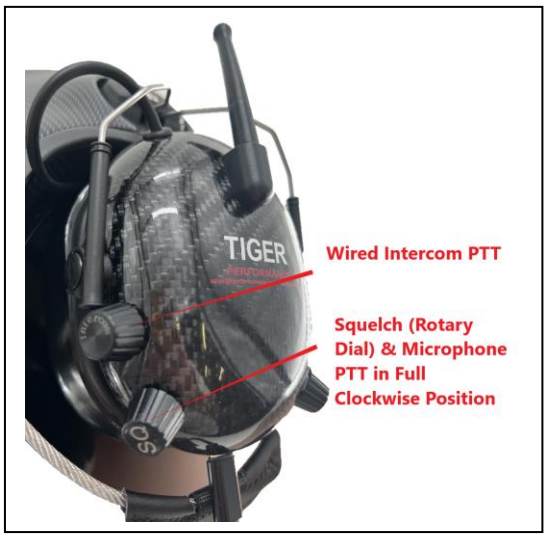
- Tiger wireless headband or neckband headset
- Headset carry bag
- Microphone wind muff
- USB charging cable

Headband

Neckband

OPTION: Headset remote key FOB

Headset Key FOB



TIGER WIRELESS TRANSCEIVER FEATURES

The wireless transceiver is powered by 12-24 Volt DC power and may also be powered by an optional 11,000 Mah li-ion plug in battery pack for portable application. Battery pack includes a 110/220 smart rapid charger

The Transceiver front flush mount panel bezel, includes:

- Mini or long-range wireless antenna jack
- Power on/off button and 5 LED lights.
- Power- red light on
- Audio In- green light
- Radio- blue light
- Intercom- yellow light
- Headset- green light

The Transceiver back panel and mounting, includes:

- Mini or long-range wireless antenna jack
- 12-24 Volt power cable jack
- Onboard intercom cable jack
- Plug in Radio cable jack
- Audio in cable jack

  Note: Each transceiver also includes slide mounting brackets for flush panel mounting or external bulkhead mounting and a mini wireless antenna.

Transceiver kit includes: Tiger Wireless transceiver, (4) slide mount brackets, mini wireless antenna (front or rear mounted)

Options and accessories

- 5’ 12-24V power cable with ignition noise suppressor and blade style 2-amp fuse
- 11000Mah Li-ion rechargeable power supply with 110-220 volt smart charger
- Onboard intercom cable (5’, 10’ 15’ or 20’) which enables the wireless intercom transceiver to be interfaced with an on-board intercom/radio system
- Plug in Radio cable (5’ 10’ 15’ 20’) for connecting all wireless headsets or helmets to the transceiver connected radio(s). Multi radio switching is optional. Remote panel radio PTT is also optional
- Mono audio in cable 4 pin XLR X unterminated (5’ 10’ 15’ 20’)
- Stereo audio in RCA cable (6’, 9’ 12’)
- 2’ mono audio in RCA jumper cable, enables connecting onboard audio source providing audio transmission to the wireless headsets
- 2’ stereo Left and right audio RCA jumper cable, enables connecting onboard music radio and other devises provide stereo transmission to the wireless headsets
- 12” long range antenna with 10’ cable and stainless-steel mounting backet
- Wireless handheld key fob, enables the handheld to isolate the user’s wireless headset for private Bluetooth and radio communications

Antenna

Transceiver Key FOB

Rechargeable Battery

Front Panel Antenna Install

Power- On/off Button

Radio LED- Lights Blue when connected to a radio

Headset LED- Lights Green When any wireless headset is paired to transceiver

Intercom LED- Lights Yellow when Connected to intercom. Led goes off when radio PTT is

Line (Stereo Audio In) Lights Green when connected

Power-Lights Red when On

Rear Panel Antenna Install

Bulk Head Mounting Instructions

- With the mounting brackets installed as shown. Locate where the transceiver is to be mounted.
- Using either (2) or (4) mounting brackets, drill 1/8” mounting holes.
- Securely fasten the transceiver to the bulkhead.

Flush Panel Mounting Instructions

- Using the provide panel cutout template, cut out the panel to match the panel
- Remove the (4) rear panel screws.
- Carefully rotate the rear panel inside the case with the wires attached.
- Insert the Transceiver into the panel cutout hole.
- Slide the mounting brackets into the side slots from the rear. As shown slide the (4) brackets firmly against the back side of the panel while firmly holding the front panel against the panel and tighten the (4) bracket screws.
- Re-install the back panel.