



ModCom One™ User Guide



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Safety Information

Please read this owner's guide

Please take the time to follow the instructions in this owner's guide carefully. It will help you

WARNING:

- Contains small parts which may be a choking hazard.
- Not suitable for children under age 3.
- This product contains magnets which can be harmful to pacemaker wearers.
- To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture.
- As with any electronic products, use care not to spill liquids into any part of the system. Liquids can cause a failure and/or a fire hazard.
- Do not place any naked flame sources, such as lighted candles, on or near the apparatus.
- Use caution when using your headset/headphones while operating a vehicle or engaging in any activity that requires your full attention. Check and follow local laws regarding mobile phone and headphone/headset use. Some jurisdictions impose specific limitations, such as single earpiece configuration, on the use of such products while driving.
- Sounds that you rely on as reminders or warnings may have an unfamiliar character when using headphones. Be aware of how these sounds may vary in character so you can recognize them as needed.
- Do not leave a battery on prolonged charge when not in use.

CAUTION:

- Refer to the owners guide for safety related information.
- Make no modifications to the system or accessories. Unauthorized alterations may compromise safety, regulatory compliance, and system performance.
- Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme

set up and operate your system properly and enjoy its advanced features. Please save this guide for future reference.

volume when using headphones, especially for extended periods.

- Use only with an agency approved power supply meeting local regulatory requirements (ex. UL, CSA, VDE, CCC).
- Do not use headphones when operating a motor vehicle or anywhere the inability to hear outside sounds may present a danger to you or others.
- The ModCom OneHeadset does not require scheduled cleaning. Should cleaning be necessary, simply wipe the outside surfaces with a soft cloth.

Trident Communication Technology™ hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC and all other applicable EU directive requirements.

FCC NOTICE TO USERS

This device complies with FCC and Industry Canada RF radiation exposure limits set forth for general population. It must not be co-located or be operating in conjunction with any other antenna or transmitter.

In the United States:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, this is no guarantee that interference will not occur in a particular installation. If this

equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Trident Communication Corporation could void the user's authority to operate this equipment.

In USA and Canada:

This device complies with part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This class B digital apparatus complies with CAN ICES-3 B / NMB-3

Thank You

We appreciate your choice of Trident Communication Technology's ModCom One™ Bluetooth Headset. This rugged wireless Headset combines high-quality audio performance, environmental durability, and lightweight comfort without sacrificing stability during active use.

Box Content



1.	ModCom One Bluetooth Headset	MC1-BT	With Removable Battery for easy charging
2.	Lithium-Ion Battery	MC1-BP-1	One Removable / Rechargeable Battery
3.	Ear Cushion	MC1-ECF-1	One Removable Foam Ear Cushion
4.	Windscreen		One Removable Foam Windscreen

Features

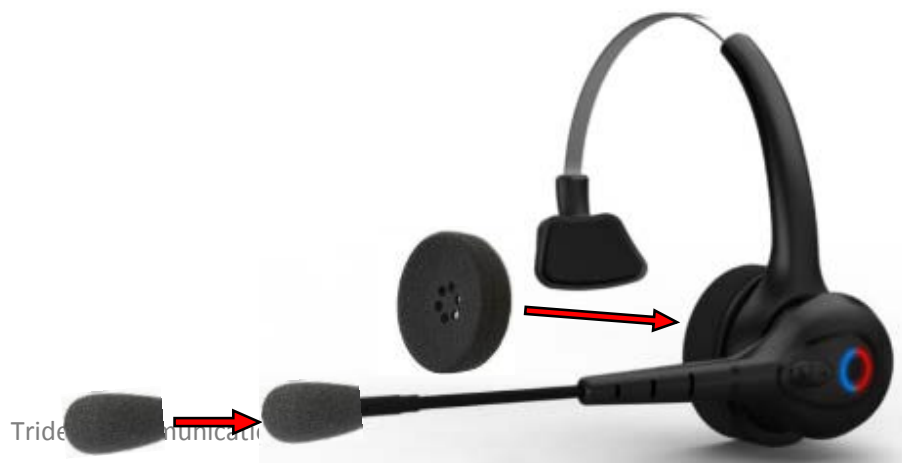
Rugged Durability	Designed to withstand harsh environmental conditions and demanding work environments
Removable Batteries	Hot-Swappable Batteries allows continuous operating time
Modular Design	Easy Replaceable Headbands and Windscreens for multi-user applications
Waterproof and Dustproof	IP-67 certified withstands 1 meter water submersion and dust tight
Cold Environment Use	The Headset is rated to function at -40° C / F
Noise-Canceling Microphone	Super-Cardioid Microphone provides high quality speech and noise cancellation

Headset Assembly

1. Loosen the Headband Set Screw
2. Insert the Bluetooth Module into Headband Module
3. Tighten the Set Screw



Install Windscreen and Ear Cushion



Headset Overview

Multi-Function Button	Power On/Off, Pairing, Answer, Reject, End Call, Voice Dial, Play and Pause
Volume Button	Volume Increase and Decrease, Last Number Redial Track Forward and Back
LED Indicator	Multi-Color, Solid and Flashing LED Status Indicator



BatteryCharger Overview

Battery Charging Slot	Dual Battery Charging Slots MC1-CB-2
LED Indicator	Multi-Color, Solid and Flashing LED Status Indicator
AC/DC Power Adapter	2-Bay Charging Station Power Adapter



BatteryCharging

Although the Battery is partially charged at the factory, we recommend you fully charge the Batteries before first use. Allow up to 3 hours for a full charge.

1. Plug the small end of the Power Adapter Cable into the Charging Station's Power Jack
2. Plug the Power Adapter into a 120V AC Power Receptacle
3. Insert Batteries into the keyed Charging Slots*

Charging Time	Approximately 1.5 Hours - Max Time: 3 Hours ± 30 Minutes
LED Indicator	Multi-Color, Solid and Flashing LED Status Indicator Status
Solid Red	Charging
Solid Green	Battery Fully Charged
Off	No Battery
Red/Green/Off	Power

*Ensure that you follow the guidelines for Battery Safety described in Battery Safety Guidelines on page 8.

Connecting Headset to Device

To use the ModCom One™ Headset with a Bluetooth® Device (such as a smartphone, tablet, or computer), you must first establish a wireless connection between the Headset and the intended Device. This process is called "Pairing".

Note: During the pairing process, the previous pair list will be deleted before pairing to the intended device.

Pairing

Once the Headset and Bluetooth Device have been paired, the Headset and Bluetooth Device will automatically reconnect the next time you use them together.

The Headset must be within close proximity of the Bluetooth Device to complete pairing.

1. Turn Headset off
2. Press Multi-Function Button for **7 seconds** until you hear “pairing” and the LED alternately flashes red and blue.
3. Activate Bluetooth on your intended Device and search for new Devices.
4. From the Device Search Menu, select **“ModCom One”**. If necessary, enter four zeros (0000) for the passcode and accept connection.
5. Once successfully paired, the LED will flash blue, once every two seconds indicating the pair is linked and in standby mode.
6. The Headset can be paired additional Bluetooth Devices using the above procedure.

Understanding LED Lights and Tones

Primary Features	Headset Control	LED Light	Prompt/Tones
Pairing	At Power Off, Press Multi-Function Button for 7 Seconds	Blue and Red Alternate Flash	"Pairing"
Power On	Press Multi-Function Button for 3 Seconds	Blue Flash 3 Times	"Power On"
Power Off	Press Multi-Function Button for 5 Seconds	Red Flash 3 Times	"Power Off"
Volume	Press Volume + or Volume -to Increase or Decrease Volume	No LED Output	< Increase Volume >Decrease Volume
Not Connected	Automatic	Blue Solid	Short Low Tone
Clear Paired Device List	Press Multi-Function and Volume -for 7 Seconds	Red Alternate Flash 5 Times	Double Low Tone
Link Lost	Automatic	No LED output	"Lost Connection"
Low Battery Warning	Automatic	Red Flash Twice Every 2 Seconds	"Battery Low"
Low Battery Shutdown	Automatic	Red Flash 3 Times	4 Descending Tones
Auto Shutdown	Automatic	Red Flash 3 Times then Power Off	4 Descending Tones
Audio/Video Playback Features	Headset Control	LED Light	Tones
Play or Pause	Press Multi-Function Button for 0.5 Seconds	No LED Output	Short High Tone
Track Forward	Press Volume Up for 1 Second	No LED Output	Short High Tone
Track Backward	Press Volume Down for 1 Second	No LED Output	Short High Tone
Phone Call Features	Headset Control	LED Light	Tones
Answer/End Call	Press Multi-Function Button for 0.5 Seconds	No LED Output	"Answering Call"
Ignore a Call	Press Multi-Function Button for 1 Second	No LED Output	Long Low Tone
Answer Second Call	Press Multi-Function Button for 0.5 Seconds	No LED Output	"Answering Call"
Ignore Second	Press Multi-Function Button for 1	No LED Output	Long Low Tone

Call	Second		
Last Number Redial	Press Volume + and Volume - for 5 Seconds	No LED Output	“Calling back last number”
Voice Activation	Double Click Multi-Function Button	No LED Output	Short Tone

Technical

Headset

Bluetooth	V3.0
Bluetooth Profiles	Advanced Audio Distribution Profile (A2DP), Wideband Hands Free (HFP) Profile 1.6, Headset (HSP) Profile 1.2 and Enhanced Data Rate (EDR)
Operating Time	Up to 16 Hours*
Operating Range	Up to 33 Feet (10 m) from Device
Operating Temperature	-40°F – 122°F (-40 – 50°C)
Storage Temperature	32°F – 113°F (0 – 45°C)
Noise Cancelling Microphone	-55dB V/Pa
Weight	3 oz. (85 Grams)
Certification	FCC, IC, CE, RoHS, WEEE, IP67

Battery

Type	3.7V Rechargeable, Replaceable Lithium-Ion Polymer
Operating Temperature	-40°F – 122°F (-40 – 50°C)*
Storage Temperature	32°F – 113°F (0 – 45°C)
Life Cycle	500 Cycles, ≥ 80% Capacity at 0.5C Discharge Rate
Safety and Disposal	Refer to Battery Safety Guidelines on page 8
Certification	CE, RoHS, WEEE, UL

Charger

Charging Time	Approximately 1.5 Hours; Max Time: 3 Hours ± 30 Minutes
Operating and Storage Temperature	32°F – 113°F (0 – 45°C)
Certification	CE, RoHS, WEEE, UL (AC/DC Adapter only)

NOTE * Performance is dependent upon Battery and may vary by Device and environment temperature. Lower extreme temperatures will decrease the operating time.