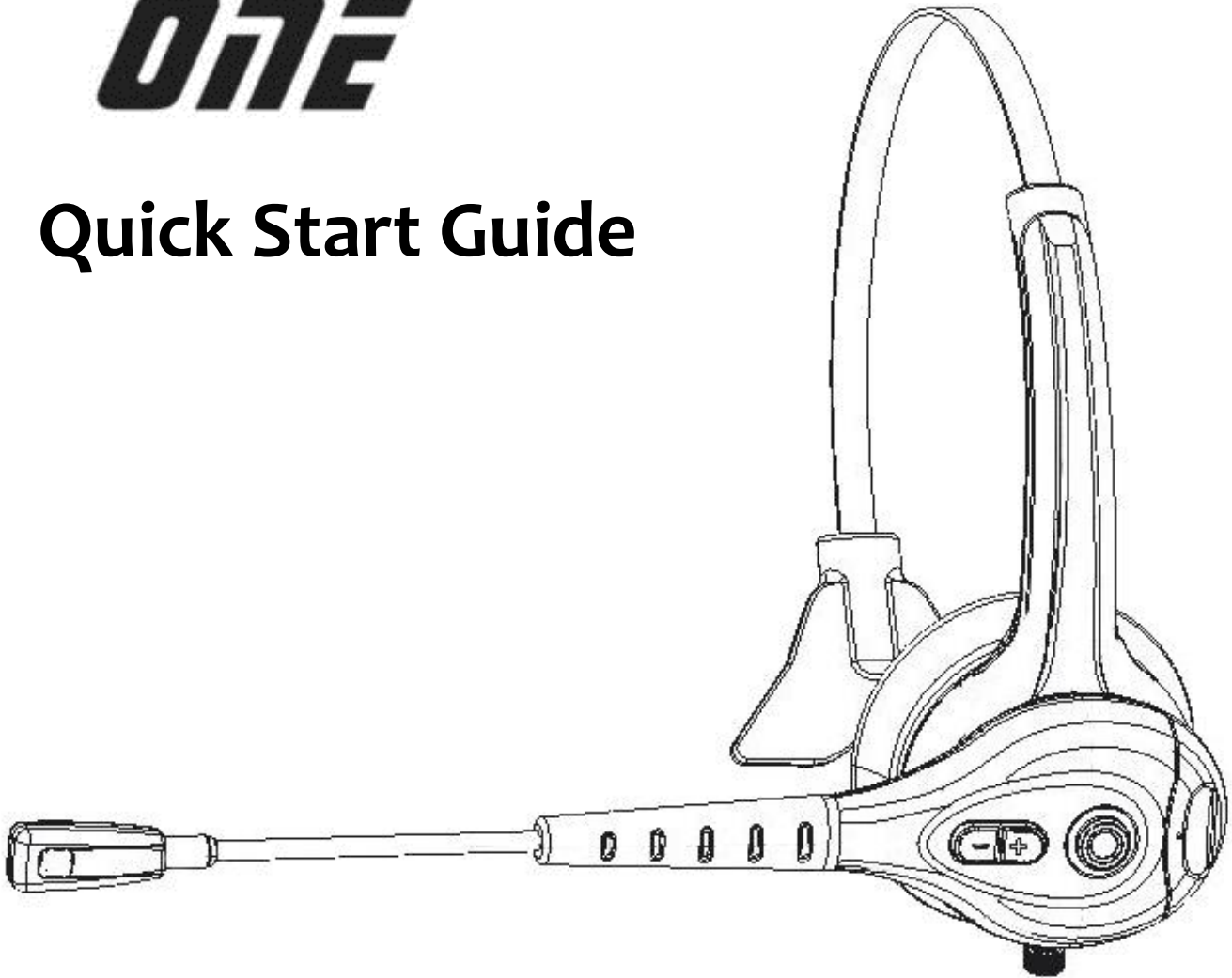


# **MOD COM ONE**™

## **Quick Start Guide**



**Trident  
Communication  
Technology™**

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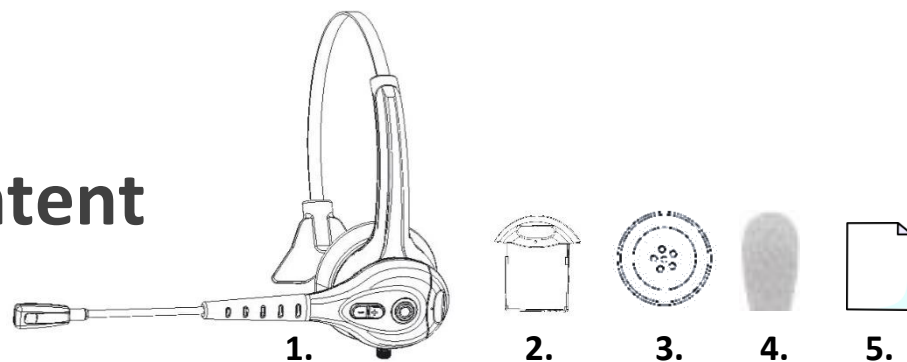
# Thank You

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

## Please Read this Owner's Guide

Please take the time to follow the instructions in this owner's guide carefully. It will help you set up and operate your headset properly and enjoy its advanced features. Please save this guide for future reference.

## Box Content



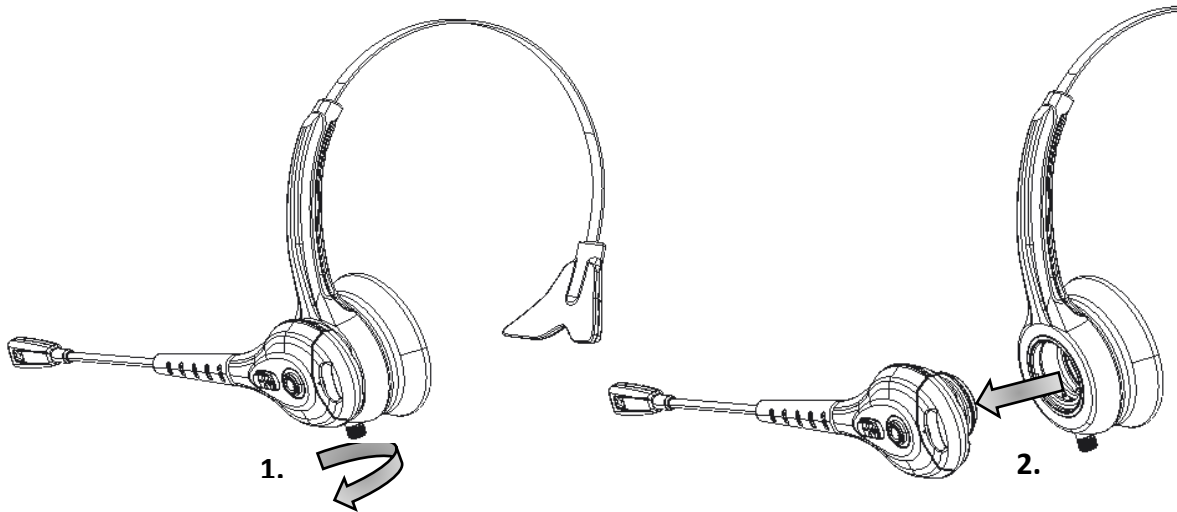
1. ModCom One Bluetooth Headset	Includes Removable Battery for easy charging
2. Lithium-ion Battery	One Removable / Rechargeable Battery
3. Ear Cushion	One Removable Foam Ear Cushion
4. Windscreen	One Removable Foam Windscreen
5. Quick Start Guide	Quick Start Reference Guide

## Features

Rugged Durability	Designed to withstand harsh environmental conditions and demanding work environments
Removable Batteries	Hot-Swappable Batteries allow 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
Cold Environment Use	The Headset is rated to function at -22°F (-30°C)
Noise-Cancelling Microphone	Super-Cardioid Microphone provides significant noise cancellation for high quality speech recognition

# Headband Disassembly

1. Loosen the Headband Set Screw Counterclockwise
2. Remove Bluetooth Headset Module from Headband Module

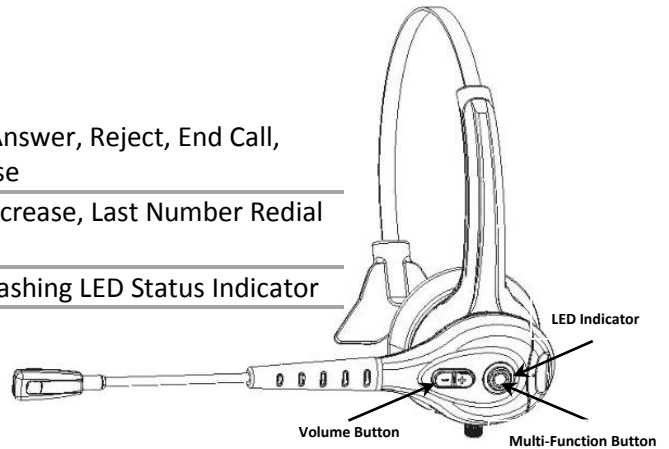


## Install Windscreen and Ear Cushion



# Headset Overview

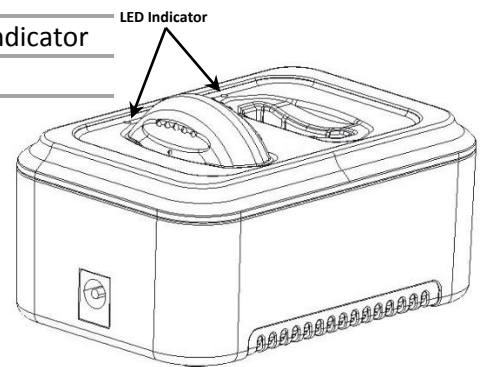
- |                          |   |
|--------------------------|---|
| 1. Multi-Function Button | Power On/Off, Pairing, Answer, Reject, End Call, Voice Dial, Play and Pause |
| 2. Volume Button         | Volume Increase and Decrease, Last Number Redial Track Forward and Back     |
| 3. LED Indicator         | Multi-Color, Solid and Flashing LED Status Indicator                        |



# Battery Charger Overview

- |                       |  |
|-----------------------|--|
| Battery Charging Slot | 2 or 10 Battery Charging Slots*                      |
| LED Indicator         | Multi-Color, Solid and Flashing LED Status Indicator |
| AC/DC Power Adapter   | 2-Bay Charging Station Power Adapter                 |

\*2-Bay and 10-Bay Chargers are sold separately.



# Battery Charging

Although the Batteries are partially charged at the factory, we recommend you fully charge them before first use. Please 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 100-240V 50/60Hz AC Power Receptacle
3. Insert Batteries into the Charging Slots\*\*

<b>Charging Time</b>	<b>Approximately 1.5 Hours - Max Time: 3 Hours ± 30 Minutes</b>
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LED Indicator	Multi-Color, Solid and Flashing LED Status Indicator Status
Red/Green/Off	During power up, indicates charger is operational
Solid Red	Charging
Solid Green	Battery fully charged
Off	No battery in charging slot

\*\*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: In order to avoid accidentally pairing the headset to multiple Devices, Headset may only be paired to one device at a time.*

## Pairing

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

1. Press Multi-Function Button for 4 seconds until you hear “a short double low tone” and the LED alternately flashes red and blue.
2. Activate Bluetooth on your intended Device.
3. 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, you will hear “two high tones, followed by a low tone” and the LED will flash blue, once every two seconds indicating the Headset and Device are connected.
6. The Headset may be paired to additional Bluetooth Devices using the above procedure.

Once the Headset and Bluetooth Device have been paired, the Headset and Bluetooth Device will automatically reconnect the next time they are both powered on and in close proximity to each other.


# Understanding LED Lights and Tones

Primary Features	Headset Control	LED Light	Tones
Pairing	With Power Off, Press Multi-Function Button for 4 Seconds	Blue and Red Alternate Flash	“Pairing”
Pairing Complete	Automatic	No LED Output	“Pairing Successful”
Power On	Press Multi-Function Button for 2 Seconds	Blue Flash 3 Times	“Power On”
Power Off	Press Multi-Function Button for 2 Seconds	Red Flash 3 Times	“Power Off” or 4 Note Falling Scale
Volume	Press Volume + or Volume - to Increase or Decrease Volume	No LED Output	< Increase Volume >Decrease Volume
Connected	Automatic	No LED Output	Double Short
Not Connected	Automatic	Blue Solid	“Lost Connection”
Clear Paired Device List	Press Multi-Function and Volume – for 7 Seconds	Red Alternate Flash 5 Times	Double Low
Link Lost	Automatic	No LED output	“Lost Connection”
Low Battery Warning	Automatic	Red Flash Twice Every 2 Seconds	“Low Battery”
Low Battery Shutdown	Automatic	Red Flash 3 Times	4 Descending
Auto Shutdown	Automatic	Red Flash 3 Times then Power Off	4 Descending
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
Track Forward	Press Volume Up for 1 Second	No LED Output	Short High
Track Backward	Press Volume Down for 1 Second	No LED Output	Short High
Phone Call Features	Headset Control	LED Light	Tones
Answer/End Call	Press Multi-Function Button for 0.5 Seconds	No LED Output	One Short
Ignore a Call	Press Multi-Function Button for 1 Second	No LED Output	Long Low
Answer Second Call	Press Multi-Function Button for 0.5 Seconds	No LED Output	One Short
Ignore Second Call	Press Multi-Function Button for 1 Second	No LED Output	Long Low
Last Number Redial	Press Volume + and Volume – for 0.5 Seconds	No LED Output	Long Low
Voice Activation	Double Click Multi-Function Button	No LED Output	One Short

# 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	-22°F – +122°F (-30°C – +50°C)
Storage Temperature	-40°F – +122°F (-40°C – +50°C)
Weight	3 oz. (85 Grams)
Certification	FCC ID:2AEAB55596, IC:12773A-55596, CE06810, WEEE, IP67
Battery	
Type	3.7V Rechargeable, Replaceable Lithium-ion Polymer
Operating Temperature	-22°F – +122°F (-30°C – +50°C)*
Storage Temperature	-40°F – +122°F (-40°C – +50°C)
Life Cycle	500 Cycles, ≥ 80% Capacity at 0.5C Discharge Rate
Safety and Disposal	Refer to Battery Safety Guidelines on page 8
Certification	FCC ID:2AEAB55596, IC:12773A-55596, CE , WEEE, UL
Charger	
Charging Time	Approximately 1.5 Hours; Max Time: 3 Hours ± 30 Minutes
Operating Temperature	+32°F – +122°F (0°C – +50°C)
Storage Temperature	-40°F – +122°F (-40°C – +50°C)
Certification	FCC ID:2AEAB55596, IC:12773A-55596, CE , 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.

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## Cleaning and Maintenance

To maintain the ModCom One™ Headset we suggest the following guidelines:

- Do not expose the Headset to harsh chemicals or cleaning agents.
- The Battery must be fully inserted and locked into place in order for it to become IP67 Waterproof. Do NOT immerse the Headset in water beyond 3 feet (1 meter) for beyond 30 minutes per IP-67 Specifications.
- If the Headset becomes dirty, wipe it with a soft damp cloth. Do not use soap, cleaning fluids or chemicals.
- Keep dust, dirt and debris out of the Headset Battery Slot and the Battery Charger Slots.
- When handling the Headset Battery, keep the Battery Contacts free of dirt, grease, oil and other substances that can affect the Battery from making proper contact with the Headset or Charger.
- Battery contacts must be covered with protective sleeve to prevent short circuit and discharge after the Battery is removed from the headset.



# Troubleshooting

Operation	Problem	Possible Solution
Operating	Headset will not Turn On	Make sure Battery is fully seated in Headset.
		Make sure Battery is charged by placing Battery in Battery Charger and following the Battery charging instructions.
Pairing	Does not Pair	Headset should be off when beginning pairing process.
		Make sure intended Bluetooth Device is on.
		Make sure Headset is within 12 inches of intended Bluetooth Device.
		Make sure you select “ModCom One” on your Bluetooth Device search menu.
	Headset appears to be paired but cannot communicate with intended Bluetooth Device	Headset may be connected with incompatible Bluetooth Device. <ol style="list-style-type: none"> <li>1. Make sure intended Bluetooth Device is within 12 inches of Headset.</li> <li>2. Make sure all other non-intended Bluetooth Devices are 6 feet away from Headset.</li> <li>3. Turn off Headset and start pairing process again.</li> </ol>
Charging Battery	Battery does not seat properly in the Charging Slot	Rotate Battery and re-insert into Charging Slot.
	No LED’s Light on Charger when Battery is inserted	Check Power Cable connection to Charger.
		Battery may be faulty. Replace Battery.

# Lithium-ion Battery Safety Guidelines

- The area in which the Batteries are charged should be clear of debris and combustible materials or chemicals. Improper Battery use may result in a fire, explosion, or other hazard.
- To charge the Headset Battery, the Battery and Charger temperatures must be between 0°C and +50°C (+32°F and +122°F).
- Do not use incompatible Batteries and/or Chargers. Use of an incompatible Battery or Charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a Battery or a Charger, contact your Distributor Customer Support.
- Do not disassemble, open, crush, bend, deform, puncture, or shred.
- Severe impact from dropping any Battery-Operated Device on a hard surface could cause the Battery to overheat.
- Do not short circuit a Battery or allow metallic or conductive objects to contact the Battery terminals.
- Do not modify or remanufacture, attempt to insert foreign objects into the Battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
- Do not leave or store the Equipment in or near areas that might get very hot, such as in a parked vehicle, near a radiator or other heat source.
- Do not place Battery in a microwave oven, conventional oven, toaster oven, washer, dryer, dishwasher, or other mechanical devices.
- Battery usage by children should be supervised.
- Please follow local regulations to promptly dispose of used re-chargeable Batteries.
- Do not dispose of Batteries in fire.
- Seek medical advice immediately if a Battery has been swallowed.
- In the event of a Battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact is made, wash the affected area with large amounts of water and seek medical advice.
- If you suspect damage to your equipment or Battery, contact your Distributor Customer Support to arrange for inspection.

# Safety and Regulatory Information



- **Warnings for use of Wireless Devices.** Please observe all warning notices with regard to the usage of wireless devices.



- **Potentially Hazardous Atmospheres – Vehicles Use.** You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to **turn off your vehicle engine.**



- **Potentially Hazardous Atmospheres – Fixed Installations.** You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders).
- Contains small parts which can be a choking hazard.
- Not suitable for children under age 3.
- This product contains magnets which can be harmful to pacemakers, or similar medical devices.
- 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 while operating a vehicle or engaging in any activity that requires your full attention. Check and follow local laws regarding mobile phone and 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 sound different when using a headset. 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:

Do not make modifications to the headset or accessories. Unauthorized alterations may compromise safety, regulatory compliance, and product performance and warranty.



- Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using a headset, especially for extended periods.
- Use only with the supplied power supply meeting local regulatory requirements (ex. UL, CSA, VDE, CCC).
- Use caution when using a Headset while operating a motor vehicle or anywhere the inability to hear outside sounds may present a danger to you or others.
- The ModCom One™ Headset does not require scheduled cleaning. Should cleaning be necessary, simply wipe the outside surfaces with a soft damp cloth.

## Regulatory Information

All Trident Communication Technology™ devices are designed to be compliant with rules and regulations in the locations they are sold and will be labeled as required. This regulatory information applies to Model number MC1-BT.

## International

This device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices.



## Wireless Device Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio (s) is/are approved for use in the following countries: United States, Canada, and Europe.

**Note:** Europe includes Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal,

Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## **CE** CE NOTICE TO USERS

Trident Communication Technology™ hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, 2011/65/EU and all other applicable EU directive requirements.

## **FC** 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 Headset Charger 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 Technology™ 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.
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 (B)



### **Waste Electrical and Electronic Equipment**

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city/town office or the distributor where you purchased your equipment.