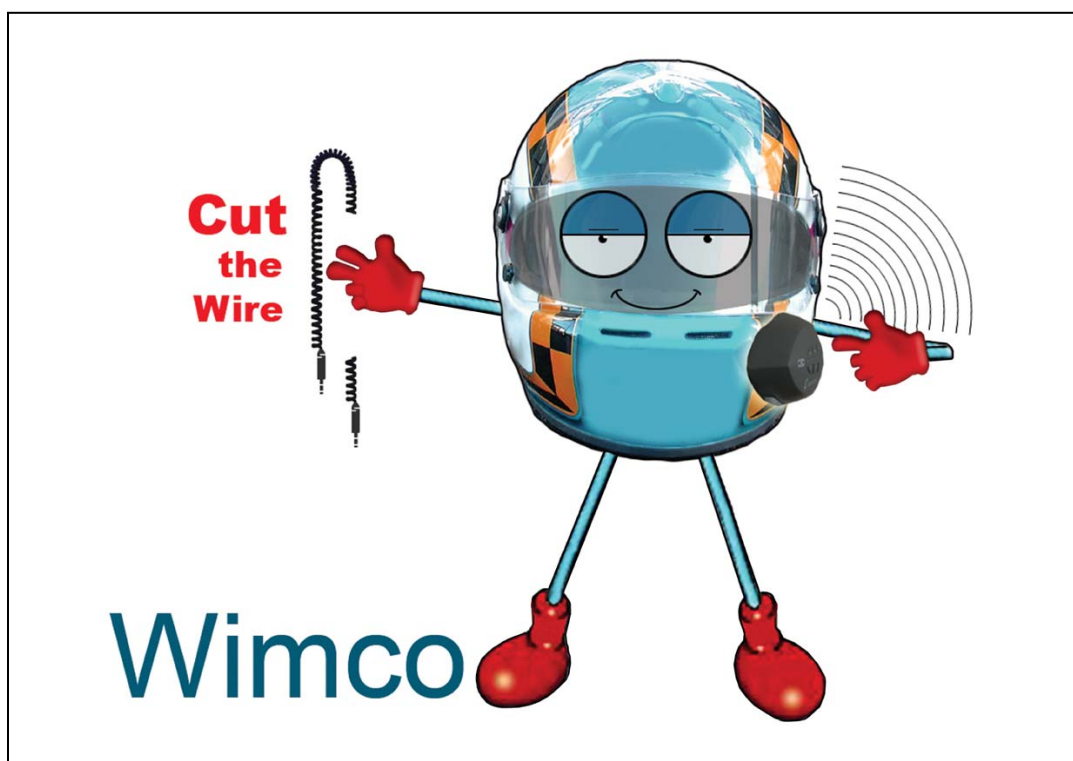


ENGLISH

USER MANUAL



[TAKE A LOOK
http://www.comsystems.com](http://www.comsystems.com)

Congratulations on your purchase of a COM101 series from COMSYSTEMS . The COM101 is a kit specially designed by engineers who are experts in the radio communications field using the latest CSSS technologies and materials that resist water, dust and sunlight IP67.
The basic Com101B & H kit is a complete kit for the rider: the base unit is installed on the handlebar and the remote Com101H unit is attached to the helmet.

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1. WARNINGS AND SAFETY

Read this User Manual carefully: complying with these rules is essential to ensure your safety.

Caution: This product cannot be used in official or non-official competitions, circuits, racing tracks and similar venues.

The installation of the COM101serie results in a weight increase of approximately 40 g (1.5 oz. approximately), which is added to the combined weight of the helmet and the other accessories.

Warning: The electronic components of the COM101H mounted inside the helmet are not waterproof. Consequently, make sure the inside of the helmet, including the comfort padding and foam installation does not get wet in order to avoid damage to the system. If it does, remove the remote unit COM101H and the helmet comfort padding and let it dry exposed to the air.

1.1. Reference standards

The products of the COM101B & H are in compliance with FCC standards and rules

1.2. Road safety

Always obey all Traffic Regulations in force. While riding the motorcycle, your hands should always be on the handlebars. Any operation of the device by the driver must be made using the base unit COM101B .

Specifically, any adjustment of the unit, cable, jacks, remote, or others devices must be made when the vehicle is completely stopped.

- Set your cell phone on automatic answer (see your cell phone instructions as to how to do this). If your cell phone is not equipped with this function, stop your vehicle in a safe area, in compliance with Traffic Regulations before answering the call.
- Set your audio device correctly before departure. Stop your vehicle in a safe place in compliance with Traffic Regulations before making any necessary adjustment.
- Adjust the volume so that it does not cause a disturbance or distraction while riding and at the same time allows you to clearly hear background noise.
- Do not handle the cell phone, iPod or other device connected to the unit while riding.
- In all cases, obey Traffic Regulations and remember that riding your motorcycle has absolute priority over any other maneuver!

1.3. Switching on the system in safe environments

- When using the WirelessMotocom device COM101series system, comply with all limitations and instructions relating to the use of this equipment .
- Turn off the unit while refueling. Do not use the device system in filling stations. Do not use the device near combustible materials or chemical products.
- Turn the unit off when in proximity to explosive materials.

1.4. Appropriate use

- Use the device only in the normal position, as described in the product documentation.
- Do not attempt to disassemble, tamper with or modify any part of the COM101 device system.

1.5. Qualified personnel

- Only qualified personnel can carry out technical assistance on this product. In case of any malfunction, always go to your local dealer.

1.6. Accessories

- Only use the type of batteries, battery chargers and accessories approved by Comsystems for your specific model.
- The use of accessories or components of a type different from the ones recommended may have dangerous consequences and invalidate the warranty.
- Contact us to see about the availability of approved accessories.
- When disconnecting the power supply cable of any accessory or the battery charger, always take hold of and pull the plug not the cable.
- Do not use batteries or battery chargers that are damaged.
- Be careful not to short-circuit the battery charger
- Keep the device at a temperature between 50° and 95° F (10°C and 35°C).
-

2. CONTENTS OF THE PACKAGING

Retail standard Package Contents: COM101B & H (Driver Package)

Part of retail package contains the following items for COM101 B:

1. Base unit (main unit)
2. Allen Wrench
3. Base Clamp for attachment to handlebar
4. Audio Cable with jack for standard use Mp3 IPod (3.5mm mini plug)
5. Mobile phone Cable - standard use (2.5mm mini plug)
6. AC/DC Wall charger adapter
7. Cable 12vdc 1.5m=60" (for permanent installation unit on handlebar)
8. Adapter Converter and fuse for item 7 (male-fem adapter)

And the following items for COM101 H:

1. Headset remote unit
2. Microphone & Speaker clamp (bracket unit)
3. AC/DC Wall charger adapter
4. User guide
5. velcro & foam

(For team set package another pack with COM101H is add with another code ID)

3. NOMENCLATURE

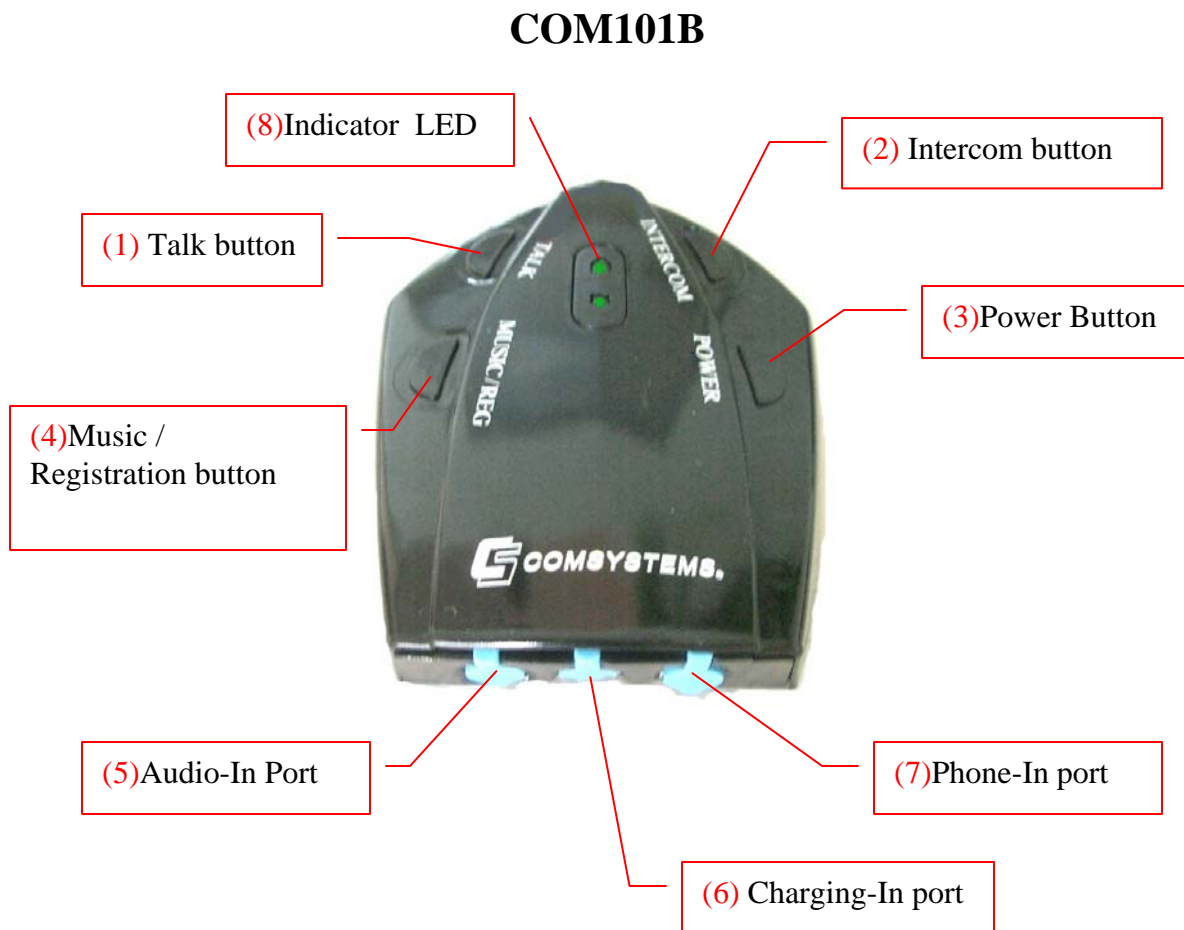
See specs and nomenclature parts for accessories and equipment on our web site at www.comsystems.com

4. BEFORE USING COM101

4.1. Prior to first push-button use:

Read and familiarize yourself with all instructions, components and control buttons of your COM 101Base & Remote prior to first use.

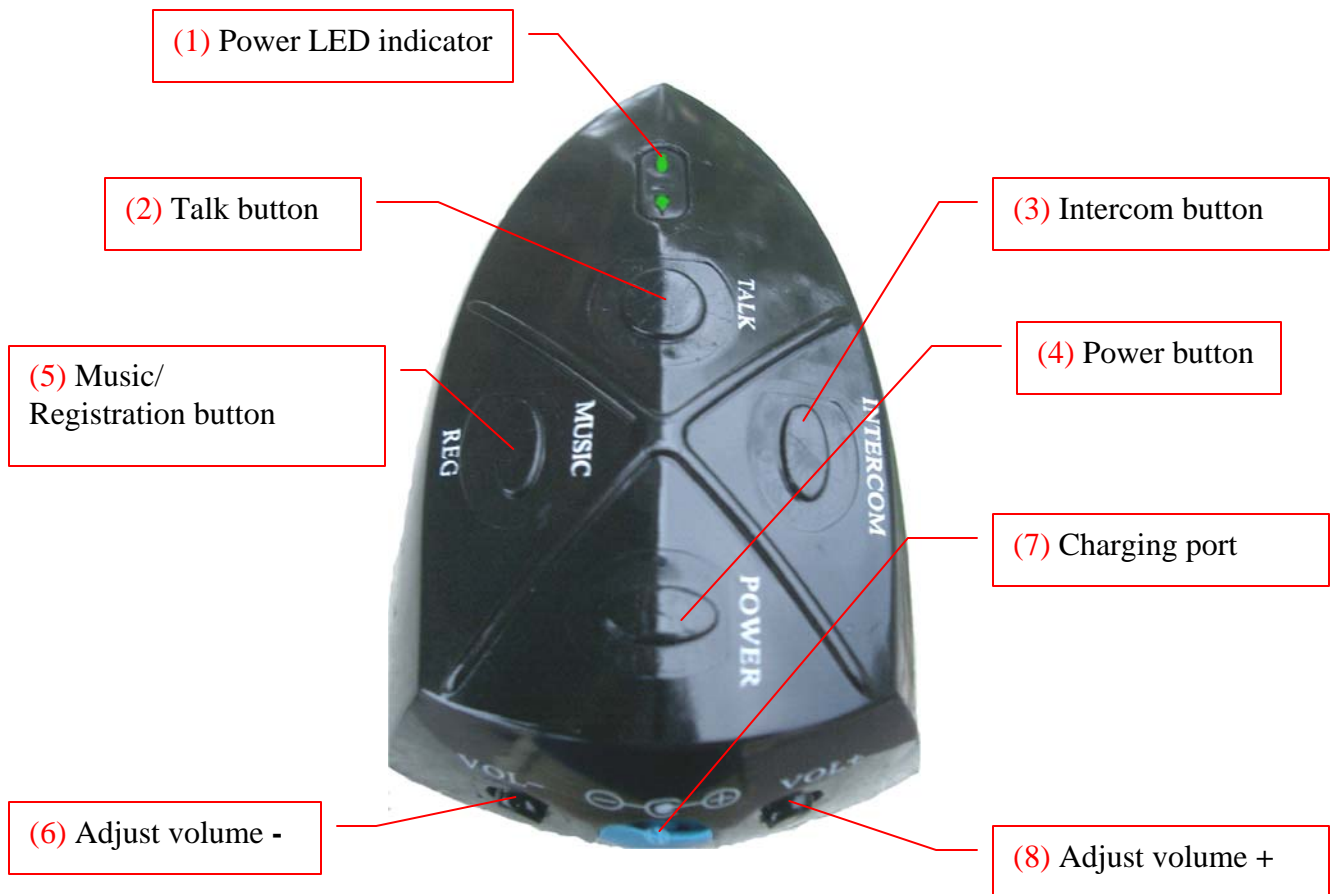
4.2. COM101B button functions



1. **Talk button:** Press to connect with cellular phone and talk
2. **Intercom button:** Press to talk and listen to the passenger in duplex
3. **Music/Registration button:** Press to listen to music or press and hold for pairing with remote unit .
4. **Power button:** Press to turn unit ON and OFF.
5. **Cellular Phone port:** Use cable to connect with cellular phone
6. **Charging port:** To charge the unit or to connect with 12v DC converter
7. **Audio In port:** To connect with audio device.

4.3. COM101H button functions

COM101H



1. **Power LED indicator:** Indicates power mode
2. **Talk button:** Press to connect with cellular phone and talk
3. **Intercom button:** Press to communicate with passenger
4. **Power button:** Press to turn unit ON and OFF.
5. **Music/Registration button:** Press to listen to music. Press and hold for pairing
6. Press “**Vol –**” to decrease volume.
7. **Charging port:** To charge the unit
8. Press “**Vol +**” to increase volume.

4.4. Charging the units B & H

IMPORTANT: Make sure the headset is fully charged prior to initial use.

Allow at least four (4) hours for a full charge before using for the first time. Normally 5 -6 hours will suffice for a complete charge. The headset and base unit should be removed from the helmet when charging (solely for purpose of convenience).

- Plug the AC/DC wall charger adaptor into the charging port for Base unit and Headset and connect plug to an electrical outlet. (red LED)
- When charging is complete (Green LED stays on), release the headset from the charger.

5. INSTALLATION & PAIRING

5.1. Remote COM101H Installation

Once the headset and base unit are fully charged you should pair them. When this is done (see pairing section) proceed to attach the unit to your helmet as follows:

- The Clamp serves as the base for headset and must be attached to your helmet before using the headset.(be sure the bracket is fixed firmly and use in some thinner helmet Velcro or other material to increase the space)
- Use the enclosed Allen Wrench to loosen the two screws of the Clamp. Then slide the Back-Plate of the Clamp between the internal padding and the external shell of the helmet.
- Before fastening the screws, make sure to adjust the Clamp’s location to an ideal position, i.e. to the spot where the attached speaker is opposite your ear and the microphone is located slightly off the corner of your mouth. You may need to re-position the Clamp several times until you identify the ideal spot. The speaker can be easily placed in position and removed by means of the Velcro strip that attaches to the inner padding of your helmet.
- Once you have identified the ideal position for the microphone and speaker, use the Allen Wrench to fasten the Clamp.
- Now slide the headset downwards along the sliding-panel of the Clamp until a light clicking sound indicates that the headset has reached its proper operational position.
- Turn on the headset by pressing the Power button until the LED lights up.

5.2. Base unit COM101B installation

Attach the base unit to your motorcycle's handle bar:

- Use the enclosed Allen Wrench to loosen the two screws of the Clamp, place the Clamp on the handle bar.
- Before fastening the screws, make sure to adjust the Clamp's location to an ideal position
- Once you have identified the ideal position, use the Allen Wrench to fasten the Clamp.
- Now slide the base unit downwards along the sliding-panel of the Clamp until a light clicking sound indicates that the base unit has reached its proper operational position.
- Turn on the base unit by pressing the Power button until the LED lights up.

Note: on the pack, we provide a battery cable 12v DC for permanent installation; the wire must be plugged directly through the small converter.

5.3. Removing the Remote unit from the helmet

The Clamp usually stays attached to the helmet, but you can also easily remove it by proceeding in reverse order. Press your finger firmly against the arched tip of the sliding-panel and use the other hand to slide the headset upwards along the sliding panel.

5.4. Removing the base unit from the handle bar

The Clamp usually stays attached to the handle bar, but you can also easily remove it by proceeding in reverse order. Press your finger firmly against the arched tip of the sliding-panel and use the other hand to slide the headset upwards along the sliding panel.

6. GETTING STARTED WITH THE COM101

Before you can use your COM 101 the first time, the pairing process between your base unit and headset must be completed.

6.1 Pairing the unit Base COM101B & Remote driver COM101H/D = (Driver set Package)

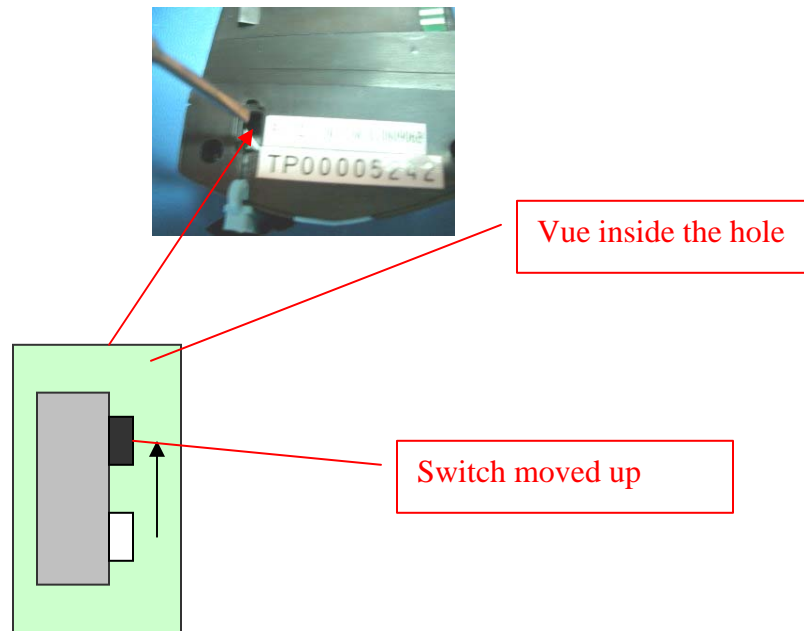
1. Turn on the base unit and headset. The **Green LED** on the base unit and the headset will flash.
2. **Press and hold simultaneously** the Music button on **COM101B Base unit** and on **COM101H headset unit**, when the **Green LED stays on without blinking**, release the button, then press the music button on the headset again to confirm and then the base unit's music button to confirm registration. The pairing process is complete. **The Green LED remains lit without blinking.**

6.2 Pairing the units with Remote Passenger (Team Set Package)

If you have purchased a COM101H for passenger (COM101H/P):

make sure the Base unit(COM101B), the headset remote for the driver (COM101H/D) and the headset for the passenger all ARE FULLY CHARGED

1. Turn Off all units (be sure all unit are fully charged)
2. Remove under COM101 H/P (passenger) the blue rubber
3. Make sure a small switch is in different position of the driver unit (Normally down) do it carefully with a small screw driver . so move up for passenger unit .



4. Turn ON all unit
5. Press & hold “Reg” button on ONLY **COM101H/P** passenger until the LED “Slow Flash”.
6. Press & hold “Reg” button on ONLY **COM101H/D** driver until the LED “Slow Flash”.
7. Press & hold “Reg” button on ONLY **COM101B** Base until the LED “Green light” appear for a short time .
8. Press again “Reg” one time on **COM101 H/D** driver unit **for confirmation**
9. Press again “Reg” one time on **COM101 H/P** passenger unit **for confirmation**
10. Press again “Reg” one time on **COM101 B** base unit **for confirmation**
11. Now all the units with LED should **be steady on. Green** Is done>>> **try the intercom !**

Note: When the Driver select “Talk” button is only the driver who talk to the telephone and the passenger can still listen the music .

Remark: Once the units are paired, the user can turn off the unit and turn it back on without having to do the paring again.

7. HANDLING CALLS /MUSIC /INTERCOM

Connect the jacks on a base unit

- Use the cellular phone cable to connect the cellular phone to the Base unit. (Note: use the right cellular phone adaptor for your specific cellular phone type.)
- Use the audio cable to connect with the music device and the base unit.

7.2 Initiating calls by using your phone's keypad

- Press the Talk button on either the base unit or the headset to enter the Mobile phone mode
- Dial the phone number on your phone's keypad
- Press "Talk" or "Send" on your phone to dial the number

7.3. Answering Calls

The ring tone for incoming calls starts. When you hear the ring tone there are three ways you can answer the call:

1. Tap the Talk Button on the base unit
 2. Or Tap the Talk button on the headset
- **Remark1:** Do **not** use Mobile phone Talk button to pick up the incoming call.
 - **Remark2:** For safety purposes, the driver should use the talk button on the base unit on the left hand branch of the handlebar.

7.4.Terminating Calls

To terminate a call, tap the Talk button on the Base unit or headset. OR you may have to press "End" on your cellular phone.

7.5. Listen to music

- Turn on the music device
- Press the Music button on either the Base unit or the headset

7.6. Intercom

- Press the Intercom button to communicate between the Driver and the Passenger

7.7 Three way calling

- If you purchase the COM101H for passenger, you can enjoy three way calling. To have passenger join the phone conversation, simply press the Intercom button to have passenger join in the conversation.

7.8 Examples:

1. *Rider talks on cell phone.*
2. *Rider communicates with passenger.*
3. *Rider talks on cell phone while passenger listens to music. This allows communication privacy.*
4. *Rider listen to music*
5. *Rider & Passenger listen to music*
6. *Rider & Passenger together communicate by telephone with a caller*
7. *NB: Both rider and passenger units function up to 12 to 15 feet from the base unit (on a Motorcycle)*

8. LIMITED WARRANTY

8.1 Warranty coverage

The COMSYSTEMS™ for the Base Unit on the handlebar (COM101B) and the Remote Unit on the Helmet (COM101H) are limited to the terms set forth below:

COMSYSTEMS™ as defined below warrants these brand hardware products against defects in materials and workmanship under normal use for a period of 180 Days from the date of retail purchase by the original end-user purchaser ("**Warranty Period**"). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option, COMSYSTEMS™ will (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product for a product that is new or that has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. COMSYSTEMS™ may request that you replace defective parts with new or refurbished user-installable parts that COMSYSTEMS™ provides in fulfillment of its warranty obligation.

COMSYSTEMS™ warrants replacement products or parts provided under this warranty against defects in materials and workmanship (a) for ninety (90) days from the date of the replacement or repair or (b) for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes COMSYSTEMS™'s property. When a refund is given (ONLY for a return within 10 business days from the purchase), your product becomes COMSYSTEMS™'s property. Parts provided by COMSYSTEMS™ in fulfillment of its warranty obligation must be used in products for which warranty service is claimed. When a refund is given, the product for which the refund is provided must be returned to COMSYSTEMS™ and becomes COMSYSTEMS™'s property (see Policy return terms 11)

If a defect arises and a valid claim is received by COMSYSTEMS™ after the first one hundred and eighty (180) days of the Warranty Period, shipping and handling charge payable by the customer will apply to any repair or exchange of the product undertaken by COMSYSTEMS™

8.2 Exclusions and limitations of coverage

This Limited Warranty applies only to the COM101B and COM101H products manufactured by or for on behalf of COMSYSTEMS™ that can be identified as a "COM101B" or "COM101H" product by means of the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any non- COMSYSTEMS™ hardware product or any software, even if packaged or sold with the COM101B or COM101H product. Non-COMSYSTEMS™ manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the COM101B or COM101H product but COMSYSTEMS™, insofar as permitted by law, provides their products "as is".

COMSYSTEMS™ does not warrant that the operation of the products will be uninterrupted or error-free. COMSYSTEMS™ is not responsible for damage arising from failure to follow instructions relating to the product's use.

This warranty does not apply: (a) to damage caused by use with non- COMSYSTEMS™ products; (b) to damage caused by accident, abuse, misuse, flood, hurricane, or fire, earthquake or other external causes; (c) to damage caused by operating the product outside the permitted or intended uses described by COMSYSTEMS™; (d) to damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of COMSYSTEMS™ or an COMSYSTEMS™ Authorized Service Provider; (e) to a product or part that has been modified to significantly alter functionality or capability without the written permission of COMSYSTEMS™; (f) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship; or (g) if any COMSYSTEMS™ serial number has been removed or defaced.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. **AS PERMITTED BY APPLICABLE LAW, COMSYSTEMS™ SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS.** IF COMSYSTEMS CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY COMSYSTEMS IN ITS SOLE DISCRETION. No COMSYSTEMS reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PERMITTED BY LAW, COMSYSTEMS IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; OR ANY INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE HOWSOEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY. THE FOREGOING LIMITATION SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CLAIMS. COMSYSTEMS DISCLAIMS ANY REPRESENTATION THAT IT WILL BE ABLE TO REPAIR ANY PRODUCT UNDER THIS WARRANTY.

CONSUMER PROTECTION LAWS FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE: THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. TO THE EXTENT THAT LIABILITY UNDER SUCH CONSUMER PROTECTION LAWS AND REGULATIONS MAY BE LIMITED, COMSYSTEMS'S LIABILITY IS LIMITED, AT ITS SOLE OPTION TO REPLACEMENT OR REPAIR OF THE PRODUCT.

Some countries, states and provinces do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province. This Limited Warranty is governed by and construed under the laws of the country in which the product purchase took place. Comsystems, the warrantor under this Limited Warranty, is identified at the end of this document according to the country or region in which the product purchase took place.

8.3 OBTAINING WARRANTY SERVICE

Please access and review the online help resources referred to in the documentation accompanying this hardware product before requesting warranty service. If the product is still not functioning properly after making use of these resources, please contact the Comsystems representatives or, if applicable, a Comsystems Authorized Service Provider located using the information provided in the documentation. A Comsystems representative or Comsystems Authorized Service Provider will help determine whether your product requires service and, if it does, will inform you how Comsystems will provide it. Comsystems or its Comsystems Authorized Service Providers will provide warranty service on products that are tendered or presented for service during the Warranty Period, as permitted by law. While you may be able to obtain warranty service worldwide, service will be limited to the options available in the country where service is requested. Service options, parts availability and response times will vary according to country. You may be responsible for shipping and handling charges if the product cannot be serviced in the country it is in. In accordance with applicable law, Comsystems may require that you furnish proof of purchase details and/or comply with registration requirements before receiving warranty service. Please refer to the accompanying documentation for more details on this and other matters on obtaining warranty service.

9. WARRANTY REGISTRATION FORM

(see postcard)

For warranty purposes, you must fill out and mail in the warranty registration form included with the product documentation. Also. Make sure to enter all the requested information, such as model number, color description, date and location of purchase. This information is necessary for service or replacement of the parts pursuant to warranty.

All information entered will be used for warranty purposes only. If you check the appropriate box, we will keep you informed of new products. In no event will this information be sold or given to third parties.

If you have any questions regarding this issue, send your e-mail to webmaster@comsystems.com

10 FCC Notice

radio communications. However, there is no guarantee that interference will not occur in a particular installation.

The equipment is designed to operate at the maximum strength allowed by the FCC. This means that your headset and or base unit can This equipment complies with Part 15 of the FCC rules. 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Use only approved batteries and chargers. This equipment has been tested to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generated and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference communicate only over a certain distance subject on the location of the cell phone, base unit and headset, your vehicle, the construction and layout of your home or office. Weather conditions can also affect performance.

11. RETURN POLICY

Products Eligibility :

- Eligible product (s): must be in **original and perfect factory condition** (unaltered, undamaged, with all accessories & manual) in **original unopened** packaging with copy of sales receipt and warranty card.
- Items not eligible for exchange: Clearance or discontinued.
- If product (s) have been altered, damaged, or not in original packaging, product (s) will be ineligible and deemed unauthorized.
- Comsystems offers a **14 day return policy** and a 6 months warranty.

How do I request an exchange or a return?

Request an RMA Number by email : sales@comsystems.com or by fax 239-236-0886. Please allow up to one to two business days to receive an email response with detailed instructions on how to return your product for exchange.

Labeling Instructions for Shipping product exchange or return :

Comsystems same address of the billing address
Returns processing

RMA # -----

Restocking Fees :

- After first obtaining an RMA number from Comsystems, **unopened** product (s) may be returned to Comsystems. for a full credit excluding shipping charges, within 14 days of purchase; opened product (s) or a return after the 14 days of the purchase are subject to a 25% restocking fee.

FOREIGN ORDERS (Outside USA):

Foreign orders may require an Estimate (quotation). Shipping amounts it will indicate on the quotation. Prices are for equipment ex works Naples Florida USA in US dollars, unless otherwise specified. In addition, all of the information in this proposal is Confidential and Proprietary. Please note that frequency, modulation, identity code, operating voltages, and final destination of equipment must be specified on purchase order when applicable. Note that all equipments must be programmed before shipment and tested on the right frequencies. The order is delayed due to a lack of frequency, modulation, identity code or operating voltages etc...

12. PATENT, COPYRIGHT, TRADEMARK

All patents pending 2006 .

Created in USA, assembled in China .

All rights reserve by COMSYSTEMS™LLC