



*Protecting you for life's best moments.*

NOVA 3® TALK UI R3

GVS-RPB.COM

# Instruction Manual

## Nova 3® Talk

**Employers:** Read this manual, the respirator headtop and flow control device instruction manuals and carry out the employer responsibilities (page 5).

**Product users:** Read this manual, the respirator headtop and flow control device instruction manuals and follow the product user safety instructions (page 6).

Manuals are regularly updated. Make sure this manual is available to all users for reference.

**Current version of manual and other languages:** [gvs-rpb.com/industrial/resources](https://gvs-rpb.com/industrial/resources)



## CONTENTS

■ EXPLANATION OF SIGNAL WORDS AND SYMBOLS	2
■ INTRODUCTION	3
■ IMPORTANT SAFETY INFORMATION	
□ PROTECTION PROVIDED AND LIMITATIONS	4
□ EMPLOYER RESPONSIBILITIES	5
□ PRODUCT USER SAFETY INSTRUCTIONS	6
■ SETUP AND CARE	7
■ RADIO COMPATIBILITY	12
■ PARTS AND ACCESSORIES	14
■ WARRANTY AND LIABILITY STATEMENT	16

## EXPLANATION OF SIGNAL WORDS AND SYMBOLS

The following signal word and safety symbols are used in this manual and product labeling:



**WARNING** indicates a hazardous situation that, if not avoided, could result in death or serious injury.



**Read the Instruction Manual.**

Additional copies of RPB® manuals can be found at [gvs-rpb.com](http://gvs-rpb.com).

**RPB® Safety LLC is an ISO9001 certified company.**

## INTRODUCTION

The Nova 3<sup>®</sup> Talk is an advanced in helmet communication system for use with the Nova 3<sup>®</sup> Respirator. This is a wireless communication system with push to talk function, a noise cancelling microphone, and comfort foam padding that connects to your industrial radios. There are two versions of the Nova 3<sup>®</sup> Talk communication system. The 09-903 is the standard communication system.

See PROTECTION PROVIDED AND LIMITATIONS (page 4) for details.

### **RPB<sup>®</sup> SAFETY - GLOBAL HEADQUARTERS**

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T: 1-866-494-4599 F: 1-866-494-4509 E: sales@gvs.com

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### **GVS S.p.A. - EMEA**

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For technical assistance contact our Customer Service Department at 1-866-494-4599 or email: [sales@gvs.com](mailto:sales@gvs.com)

Form #: 7.20.518

Rev: 3

## IMPORTANT SAFETY INFORMATION

**⚠ WARNING** Improper selection, fit, use, or maintenance of this product can result in injury; damage to property; or death. This product is intended for occupational use in accordance with applicable standards or regulations for your location, industry, and activity (see Employer Responsibilities, page 5). Familiarity with standards and regulations related to the use of this equipment is recommended, even if they do not directly apply to you. If self-employed or if used in a non-occupational setting, refer to Employer Responsibilities and Product User Safety Instructions. Go to [gvs-rpb.com/industrial/important-safety-information](https://gvs-rpb.com/industrial/important-safety-information) for helpful links to OSHA and other content.

**Employers:** Read this manual and the Nova 3® Instruction Manual and carry out the Employer Responsibilities (page 5).

**Product users:** Read this manual and the Nova 3® Instruction Manual and follow the Product User Safety Instructions (page 6).

**Check website for updates.** Product manuals are regularly updated.

Visit [gvs-rpb.com/industrial/resources](https://gvs-rpb.com/industrial/resources) for the most recent version of this manual before using the product.

## LIMITATIONS

### HAZARD LIMITATIONS

The RPB® Nova 3® Talk™ communication system is **NOT FOR USE** if:

- In a flammable or explosive atmosphere when using the 09-903 standard communication system.

### HEARING:

- Hearing protection must be worn and properly fitted when exposed to noise levels that exceed the OSHA permissible exposure levels.

## EMPLOYER RESPONSIBILITIES

Your specific responsibilities may vary by location and industry, but in general RPB® expects that employers will:

■ **Follow all applicable standards and regulations for your location, industry, and activity.**

Depending on your location and industry, a number of standards and regulations may apply to your selection and use of communication systems. These may include such things as federal (e.g., OSHA, MSHA, Canadian Occupational Health and Safety), local (e.g., state, provincial), or military standards and regulations and consensus standards such as ANSI and CSA. Know which requirements apply to your location and industry.

■ **Have appropriate safety programs in place.**

Have and follow a workplace safety program.

■ **In accordance with the above,**

- Perform a hazard analysis and select appropriate equipment for each activity.** A hazard analysis should be performed by a qualified person. Controls should be in place as appropriate and a qualified person should determine what kind of communication system and hearing protection is appropriate for the intended activities and environments of use. (For example, intrinsically safe systems, that meets or exceeds the required level for employee protection, etc.)

As applicable, check your workplace safety program and standards and regulations for your activity or industry for related protection requirements, and see this manual (Limitations, page 4) and the Nova 3® Instruction Manual for product specifications.

- Train employees in the Nova 3® Talk™'s use, maintenance, and limitations.**

Appoint a qualified individual who is knowledgeable about the Nova 3® Talk™ and Nova 3® per ANSI/ASSE Z88.2 guidelines to provide training:

Section 8.1 Qualifications of the Respirator Trainer. Anyone providing respirator training shall:

- a) be knowledgeable in the application and use of the respirator(s);
- b) have practical knowledge in the selection and use of respirator(s) and work practices at the site;
- c) have an understanding of the site's respirator program; and
- d) be knowledgeable of applicable regulations.

Train each Nova 3® Talk™ user in the product's use, application, inspection, maintenance, storage, fitting, and limitations in accordance with the content of this Instruction Manual and standard or regulatory requirements. Ensure that each intended user reads both these documents.

- Ensure that equipment is properly set up, used, and maintained.**

Make sure that equipment is properly set up, inspected, fitted, used, and maintained, including selection of the appropriate type of radio for the application.

- If you have any questions, contact RPB®.**

■ Call Customer Service Department at: Tel: 1-866-494-4599,  
E-mail: sales@gvs.com, Web: gvs-rpb.com



# NOVA 3<sup>®</sup> TALK

Protecting you for life's best moments.

## PRODUCT USER SAFETY INSTRUCTIONS

### BEFORE INITIAL USE - BE TRAINED

Do not use this product until you have read this manual and the Nova 3<sup>®</sup> Instruction Manual (additional copies available at [gvs-rpb.com](http://gvs-rpb.com)) and been trained in the respirator's use, maintenance, and limitations by a qualified individual (appointed by your employer) who is knowledgeable about the RPB<sup>®</sup> Nova 3<sup>®</sup> Talk<sup>™</sup>.

### MAKE SURE THE SYSTEM IS READY FOR USE

**Make sure you have a complete system.** Verify that you have all required components for the Nova 3<sup>®</sup> Talk<sup>™</sup> to serve as a complete system.

Use only authentic RPB<sup>®</sup> brand parts and components. Using incomplete or inappropriate equipment, including the use of counterfeit or non-RPB<sup>®</sup> parts, can result in inadequate function. Do not modify or alter any part of this product.

**Inspect** all components daily for signs of damage or wear and tear that may reduce the function originally provided. Remove any damaged component or product from service until repaired or replaced.

**Make sure that the Talk<sup>™</sup> system is correctly assembled** in the configuration that suits your application. An incomplete or improperly installed system could provide inadequate function. See *Setup and Care* (page 7).

### VERIFY THAT YOU HAVE THE APPROPRIATE EQUIPMENT FOR YOUR ACTIVITY

Verify that the Talk<sup>™</sup> system being used is appropriate for your activity. As applicable, check your workplace safety program, and standards and regulations for your activity or industry. Determine if an intrinsically safe system is needed. (See LIMITATIONS, page 4.)

**DO NOT ENTER THE WORK AREA** if any of the following conditions exist:

- A flammable or explosive atmosphere is present when using the 09-903 standard communication system.

### LEAVE THE WORK AREA IMMEDIATELY IF:

- Any product component becomes damaged.
- Communication stops working and could be a danger to your safety.

### PRODUCT CARE

Never place the Talk<sup>™</sup> system on hot surfaces. Do not apply paints, solvents, adhesives or self-adhesive labels except as instructed by RPB<sup>®</sup>. This product may be adversely affected by certain chemicals.

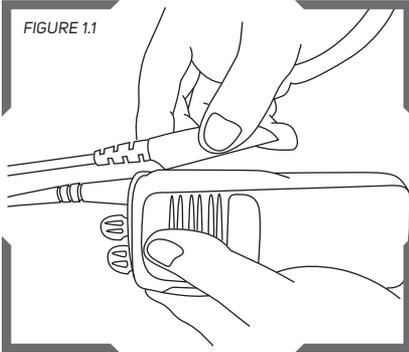
Clean with mild detergent and a soft cloth or a cleaning wipe.

### INSTRUCTIONS FOR SPECIFIC USES OR ENVIRONMENTS

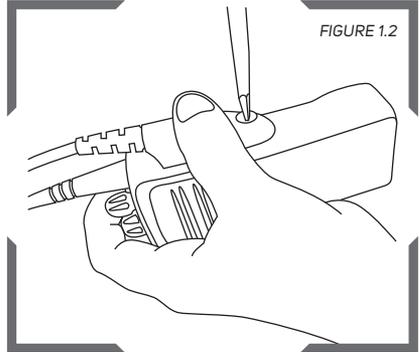
#### Flammable or Explosive Environments

The 09-903 Nova 3 Talk is not Intrinsically Safe.

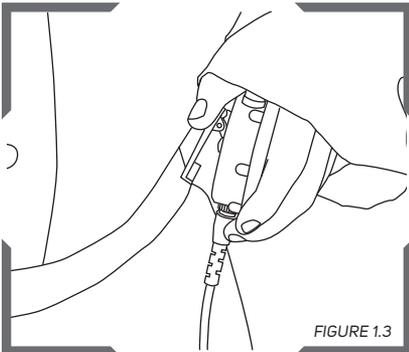
## SET UP AND USE



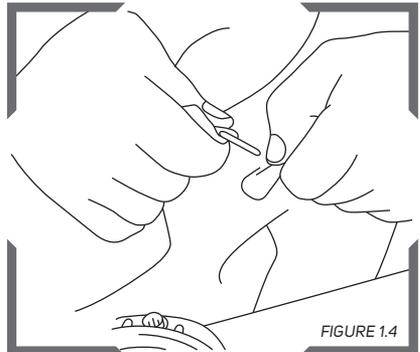
Connect the PTT Cable to the hand set.



Use a flat head screwdriver to tighten the connection screw.



Attach the PTT to your belt so your elbow can activate the button.



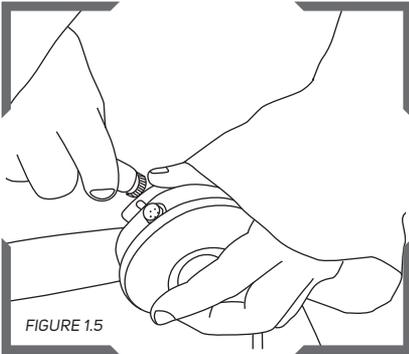
Place the helmet on and connect the clips and D-Rings on the cape together.



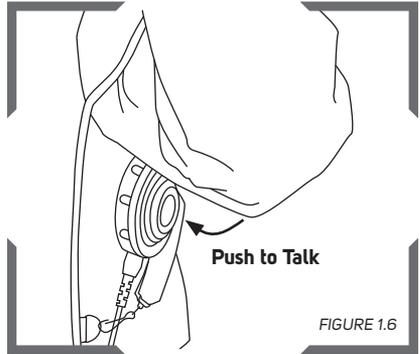
# NOVA 3® TALK

Protecting you for life's best moments.

## SET UP AND USE CONTINUED

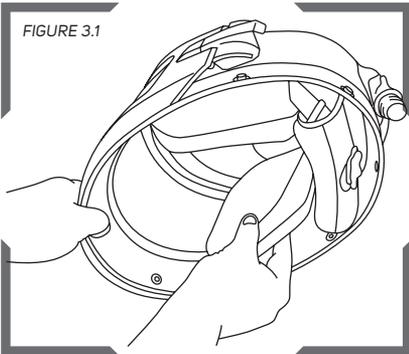


Connect the PTT cable to the head set cable and place the cable underneath the cape.

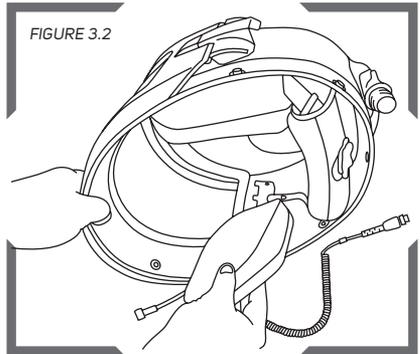


To operate the device, press your elbow onto the PTT button, and then speak.

## UPGRADE



Remove the Cape & Sidepad from your Nova 3® helmet.



Place the Nova 3® Talk™ Sidepad into the helmet, ensuring that they are securely attached to the joining bracket.

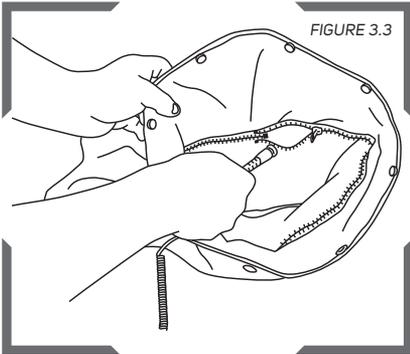


FIGURE 3.3

Open the zipper in the inner bib so that the cable from the head set can pass through.

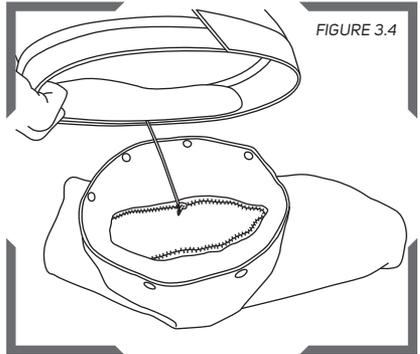


FIGURE 3.4

Close the zipper so that there are no gaps. Then refer to the Set Up section to complete the Set Up of the Nova 3® Talk™ helmet.

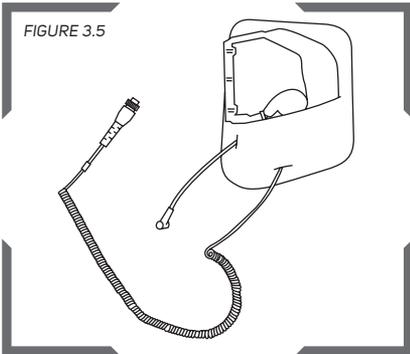


FIGURE 3.5

To swap the Nova 3® Talk™ headset from the left to the right side.

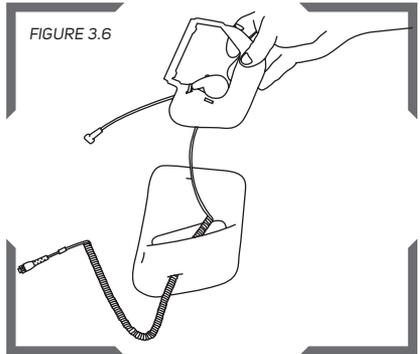
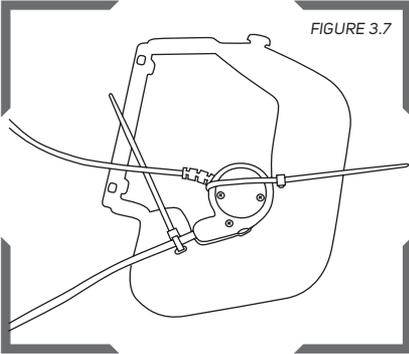


FIGURE 3.6

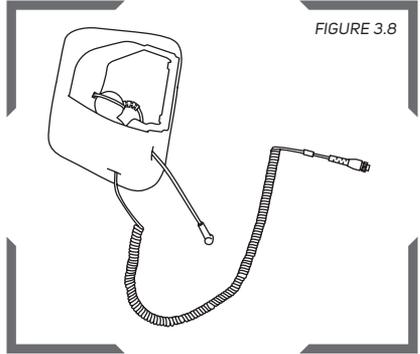
Remove the headset from the sidepad and cut the cable ties.

## SET UP AND USE CONTINUED

### UPGRADE CONTINUED



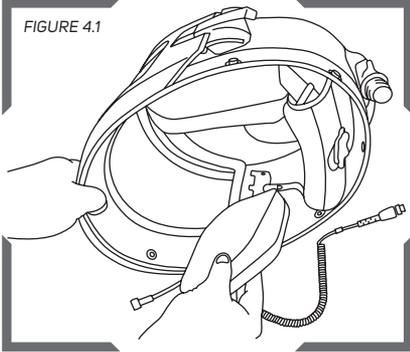
Place the headset on the right hand frame, and attach with cable ties as shown, then trim the ends of the cable ties.



Insert into right sidepad, and clip back into the Nova 3®.

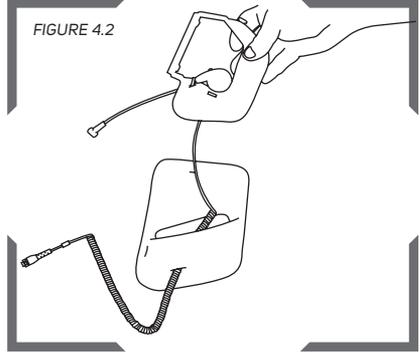
## MAINTENANCE

FIGURE 4.1



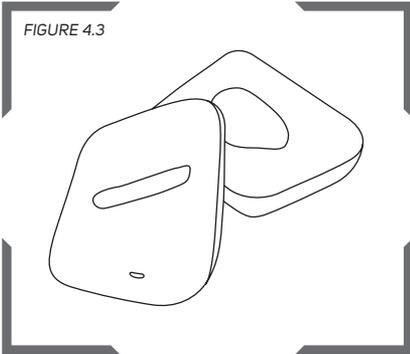
After removing the cape from the helmet, take the sidepad out of the helmet.

FIGURE 4.2



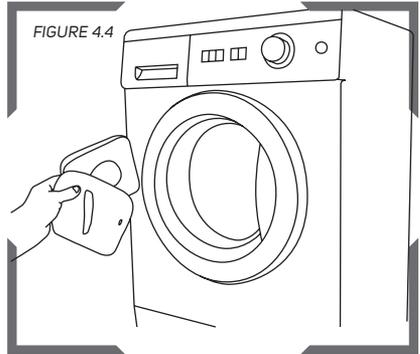
Carefully remove the headset from the sidepad. **Note: this device is fragile, please use extreme care.**

FIGURE 4.3



Separate the cover and the sidepad.

FIGURE 4.4



The sidepad and cover can be wiped clean or washed in a conventional washing machine.

## RADIO CONNECTORS COMPATIBILITY

09-930

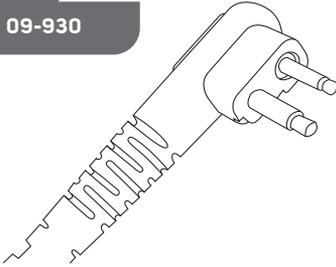


FIGURE 5.1

**MOTOROLA**

AXU4100, AXV5100, BPR40, CLS1110, CLS1410, CLS1413, CLS1450C, CLS1453C, CP100, CP150, CP185, CP200, CP88, CT125, CT150, CT250, CT450, CT450LS, DTR, DTR410, DTR550, DTR650, GP200, GP2000, GP300, GP308, GP68, GP88, GT1, GTX, LTS2000, P040, P080, P110, P1225, P1225LS, P200, P2000, PR400, RDK, RDU, RDU2020, RDU2080D, RDU4100, RDU4160D, RDV, RDV2020, RDV2080D, RDV5100, SP10, SP21, SP50, VL50, XTN, XTN446, XTN500, XTN600, XU1100, XU2100, XU2600, XV1100, XV2100, XV2600

**RELM**

RPU6500, RPV6500

09-931



FIGURE 5.2

**HYT**  
TC-980

**MOTOROLA**

CBPRO, GP1280, GP140, GP320, GP328, GP329, GP338, GP339, GP340, GP360, GP380, GP640, GP650, GP680, GP960, HT1250, HT1250LS, HT1550, HT1550XLS, HT750, JT1000, MTX8250, MTX8250LS, MTX850, MTX850LS, MTX9250, MTX950, PR860, PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO7750, PRO9150, PTX700, PTX760, PTX780

09-932



FIGURE 5.3

**MOTOROLA**

Turbo  
APX 7000, XPR6300, XPR6500, XPR6550, APX 7500, XPR6100, XPR6350, XPR6580

09-933

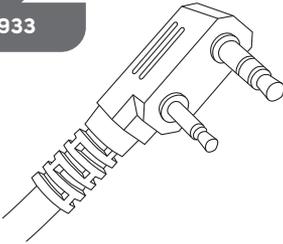


FIGURE 5.4

**HYT**

TC-268, TC-268S, TC-270, TC-368, TC-368S, TC-370

**KENWOOD**

TH-22AT, TH-235A, TH-28A, TH-42AT, TH-48A, TH-77A, TH-78A, TH-D7A(G), TH-F6, TH-F6A, TH-G71A, TH-K2AT, TK-208, TK-2100, TK-2102, TK-2130, TK-2160, TK-2170, TK-220, TK-2200, TK-2200LP, TK-2212L, TK-2302VK, TK-240, TK-240D, TK-248, TK-250, TK-260, TK-260D, TK-260G, TK-270, TK-270G, TK-272G, TK-308, TK-3100, TK-3101, TK-3102, TK-3130, TK-3131, TK-3160, TK-3170, TK-3173, TK-320, TK-3200, TK-3200LP, TK-3212L, TK-3230, TK-3230XLS, TK-3302UK, TK-340, TK-340D, TK-348, TK-350, TK-353, TK-360, TK-360G, TK-370, TK-370G, TK-372G, TK-373, TK-430, TK-431, TK-2312, TK-3312

**RELM**

RPU416, RPU4200, RPU499, RPV4200, RPV516, RPV599X

09-934

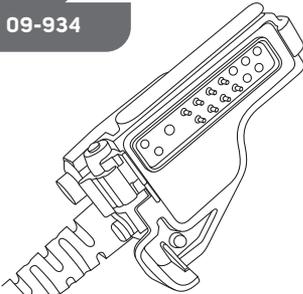


FIGURE 5.5

**EF JOHNSON**

51 SLES Series, 5100 Series, 511X, 512X, 514X, 518X, Ascend ES Series

**MOTOROLA**

GP900, GP9000, HT1000, MT1500, MT2000, MTS2000, MTX8000, MTX838, MTX900, MTX9000, MTX960, MTXLS, PRI500, X1500, XTS1500, XTS2000, XTS2500, XTS3000, XTS3500, XTS5000, GP1200

09-935

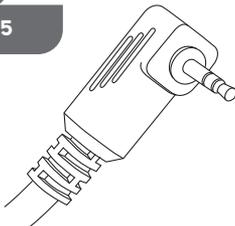


FIGURE 5.6

**COBRA**

CXR700, CXR800, CXR900, CXR920, CXT400, LI Series, LI3900, LI5600, LI6000, LI6500, LI6700, LI7000, LI7020, MRH-H100, MRHH200, PR Series, PR190, PR240, PR245, PR3000, PR3100, PR3175, PR350, PR4000, PR4100, PR4250, PR4300, PR5000, PR560

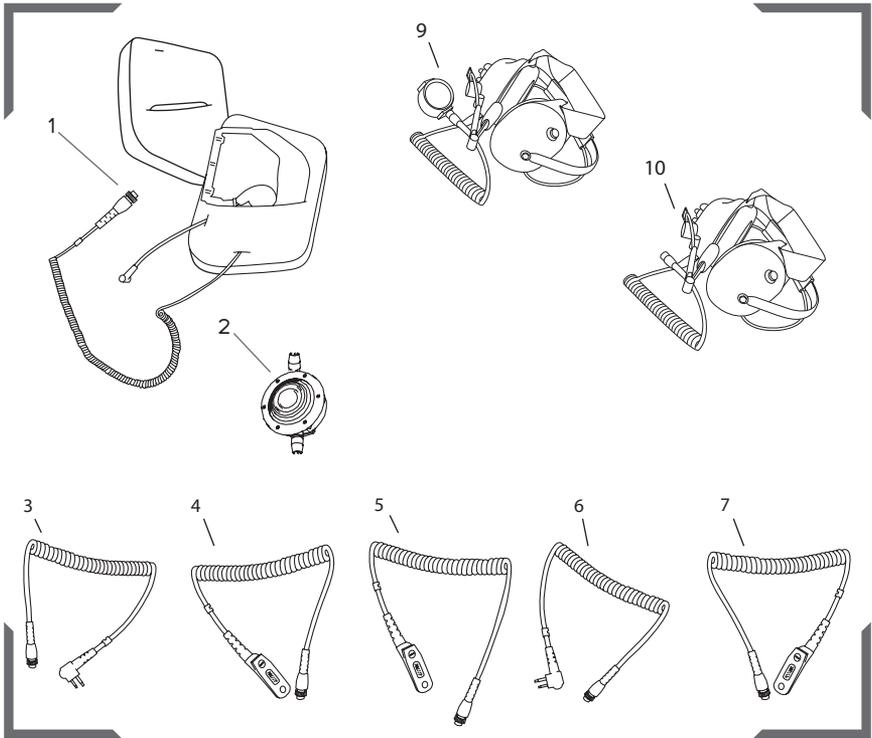
**HYT**

TC-320

**MOTOROLA**

EM1000, FR50, FR60, FV300, FV300R, FV700R, FV750R, MH230R, MJ270R, MR350R, MR355R, SPIRITGT, SPIRITGT Plus, SX600R, SX900R, T270, T280, T289, T5100, T5200, T5300, T5320, T5400, T5410, T5420, T5500, T5600, T5620, T5700, T5710, T5720, T5800, T5820, T5920, T5950, T6200, T6210, T6220, T6250, T6300, T6320, T6400, T6500, T7200, T7400, T8500, T8550, T9500XLR, T9550XLR, T9580R, T9680R, T9750R, TalkAbout

**PARTS AND ACCESSORIES** FIGURE 6.1



Item No.	Description	Part No.
1	Communication Upgrade Kit with 09-913	09-903
2	PTT	09-913
3	Two Pin	09-930
4	Multi Pin	09-931
5	Multi Pin	09-932
6	Two Pin	09-933
7	Multi Pin	09-934
8	One Pin	09-935
9	R-Tex High Noise Headset w/PTT	09-916
10	R-Tex High Noise Headset	09-915
11	Nova 3® Talk™ Side Padding Covers (5 pairs)	NV3-733TK

Other Radio Connectors may be available.

## **LIMITED WARRANTY**

RPB® warrants that its Products will be free from defects in materials and workmanship for one (1) year, subject to the terms of this limited warranty. The Products are sold only for commercial use, and no consumer warranties apply to the Products. This limited warranty is for the benefit of the original Product purchaser, and cannot be transferred or assigned. This is the sole and exclusive warranty provided by RPB®, and ALL CONDITIONS AND IMPLIED WARRANTIES (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE EXCLUDED AND DISCLAIMED FROM WARRANTY COVERAGE. RPB's® limited warranty coverage does not apply to damage resulting from accident, improper use or misuse of the Products, wear and tear resulting from the normal use of the Products, or the failure to properly maintain the Products.

RPB's® limited warranty coverage runs from the original date of purchase of the Products, and applies only to warranted defects which first manifest themselves and are reported to RPB® within the warranty period. RPB® retains the right to determine to its reasonable satisfaction whether any claimed defect is covered by this limited warranty.

If a warranted defect occurs, RPB® will repair or replace the defective Product (or a component of the Product), in its sole discretion. This "repair or replacement" remedy is the sole and exclusive remedy under this limited warranty, and under no circumstances shall RPB's® liability under this limited warranty exceed the original purchase price for the Products (or the applicable component). RPB® has no responsibility for incidental or consequential damages, including loss of use, maintenance and other costs, and ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED AND DISCLAIMED from this limited warranty. Contact RPB® to obtain warranty service. Proof of purchase must be provided to obtain warranty service. All costs of returning the Products to RPB® for warranty service must be paid by the purchaser.

RPB® reserves the right to improve its Products through changes in design or materials without being obligated to purchasers of previously manufactured Products.

## **LIABILITY**

RPB® Safety cannot accept any liability of whatsoever nature arising directly or indirectly from the use or misuse of RPB® Safety products, including purposes that the products are not designed for. RPB® Safety is not liable for damage, loss or expense resulting from the failure to give advice or information or the giving of incorrect advice or information, whether or not due to RPB® Safety's negligence or that of its employees, agents or subcontractors.

## OTHER PRODUCTS

### RPB® NOVA 3® RESPIRATOR

The RPB® NOVA 3® combines breakthrough protection technology with advanced comfort and functionality, surpassing even the most rigorous industry standards and the demands of the most quality-conscious companies. Designed to optimize safety and productivity, and to minimize worker downtime, the helmet has a host of features that maximize its lifetime value.



### RPB® C40™ CLIMATE CONTROL

Looking for an advanced climate control device that can heat and cool your supplied air just by the slide of a lever? Look no further than the RPB® C40™. From the searing heat of an Arizona summer to a severe Scandinavian winter the RPB® C40™ will keep you comfortable.



### AIR QUALITY MONITORING

Do you need an intelligent gas monitor that can give you complete confidence in the air you and your employees are breathing? The RPB® GX4® has the ability to detect up to 4 gases simultaneously, giving you total peace of mind.



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Protecting you for life's best moments.