



MOTOROLA SOLUTIONS

CHANNEL PARTNER





COMPLETE TWO-WAY SYSTEMS

We took the guess work out of putting together a complete two-way radio system. The following pages list the top three systems we sell and recommend. If you still have a few questions about which of these is correct for you and your type of racing, just give us a call and we will help you get the best communications for the best price! All of our systems use the highest quality components, Motorola two-way radios and Racing Radios Classic headsets. All parts are interchangeable and may affect price. Call us today and we can help you build the perfect system for your needs!

DIGITAL LONG TRACK SYSTEM

MOBILERADIO

This system is great for longer endurance races and comes complete with a CM200D mobile radio. The radio is hard-wired to the battery of the car, so there are no batteries to worry about! System includes a custom, in-house built car harness with a steering wheel 'Push to Talk' (PTT) and



SHORT TRACK SYSTEM

PORTABLE BPR-40

If you are looking for a low-cost, short track system, this is the one you have been searching for! Racing Radios has designed the ultimate short track, two-way system. It is perfect for most ovals under one (1) mile and is great for driving instruction, karting and dirt track. This system comes complete with everything you need in the car, including a Motorola BPR-40 (4 watt) twoway radio, a driver's helmet kit and ear pieces. 'Push to Talk' (PTT) and car harness complete the car. For the crew, we have a crew member package with a BPR-40 (4 watt) two-way radio, a Racing Radios Classic headset, and cable. \$799.00

DIGITAL LONG TRACK SYSTEM

PORTABLE CP200D

This is a complete system that utilizes the CP200D portable two-way radio for car and crew communications. System includes a custom, in-house built car harness with a steering wheel 'Push to Talk' (PTT) and connection for the helmet kit. Also included is an external antenna kit that will increase the range of reception. A driver's helmet kit and ear pieces will complete the car package. For your crew, we have another Motorola CP200D portable and our Racing Radios Classic headset with noise cancelling microphone. This is a complete system and is ready to be shipped out. \$1,695.00 -





*Helmet shown not included

*Helmet shown not included

TWO-WAY RADIO CAR HARNESSES

All Racing Radios harnesses are designed and manufactured at our Forest Park, GA location. Utilizing only the highest quality parts and cable available, we take pride in knowing that we offer the best-built radio harnesses in the industry. Compare ours against the competition and you will see the difference!



A RCH-139010A-H \$175.00

Four Conductor-Style (IMSA) radio car harness. *Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400 and GP300.*



▲ RCH-139020B \$195.00

3 Conductor-Style (NASCAR) radio car harness. *Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400 and GP300.*



▲ RCH-010 \$189.95

Universal 4 Conductor (IMSA)
wiring radio car harness.
Compatible with any handheld
two-way radio. Requires proper
adaptor cable.



▲ RCH-DRAG \$160.00

Drag Racing Harness. 4 Conductor (IMSA) wiring. Provides louder volume, required to drive helmet speakers.

Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400 and GP300.



▲ RRC-AUX-IO \$199.95

Inline audio adaptor with Auxiliary audio input and microphone/receive audio output. This adaptor enables you to connect a camera system or other audio recording device to capture the driver's microphone and radio receive audio. There is also a secondary audio input for connecting a scanner or Raceceiver.



4 Conductor (IMSA) wiring in-car radio harness for Motorola mobile radios. Plugs directly into the REAR 16-pin accessory jack on Motorola mobile radios. Compatible with CM200, CM300, PM400, M1225 and CDM mobile radios.



▲ RCH-XPR-M \$225.00

4 Conductor (IMSA) wiring in-car radio harness for Motorola Mototrbo mobile radios. Plugs directly into the REAR accessory jack.



▲ RCH-DSP-R-H \$480.00

4 Conductor (IMSA) wiring in-car radio harness with Digital Signal Processing for Motorola mobile radios. Electronically filters out unwanted noise picked up by the driver's microphone. Plugs directly into the rear 16-pin accessory jack on Motorola mobile radios.

Compatible with CM200, CM300, PM400, M1225 and CDM



4 Conductor (IMSA) wiring in-car radio harness with Digital Signal Processing for Motorola Mototrbo mobile radios. Electronically filters out unwanted noise picked up by the driver's microphone. Plugs directly into the rear accessory jack on XPR series mobile radios.



▲ DCH-139010 \$395.00

4 Conductor style (IMSA) wiring dual radio car harness. Place two handheld radios in your car and switch to your backup radio whenever you need it. Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400 and GP300.



▲ RCH-LTWT4 \$225.00

Lightweight Universal 4 conductor (IMSA) wiring radio car harness.
Compatible with any handheld two-way radio. Proper radio adaptor cable is required.



▲ DCH-LTWT \$299.00

Lightweight Universal 4 conductor (IMSA) wiring radio car harness with two radio connections. Place 2 radios in your car and switch to the backup whenever you need it. Compatible with any handheld two-way radio. Proper radio adaptor cables are required.



▲ RCH-KWD \$210.00

4 conductor (IMSA) wiring radio car harness. Compatible with 2-prong Kenwood portable radios.

CUSTOM HARNESSES AVAILABLE UPON REQUEST. PLEASE CALL 1-800-669-1522

INTERCOM SYSTEMS

2-MAN INTERCOM SYSTEM \$499.99

This 2- person intercom system is the ideal option for driving coaches and students or anyone who needs uninterrupted full-duplex communications between driver and passenger.

System includes:

(1 ea) RR-710 intercom (2 ea) IHA-4C helmet cables (IMSA) wiring

*Compatible with IMSA wired helmets



CUSTOMIZED RADIO HARNESSES

Lots of racecars come equipped with their own factory-supplied PTT and radio connection. RACING RADIOS designs and builds customized radio harnesses for any vehicle. We manufacture radio harnesses to your customized specifications for radio model, cable lengths and connectors.

If we don't already have it, we can make it!























photos for demonstration purposes only. Custom harnesses built to customer specifications
LAMBORGHINI, PORSCHE, ASTON MARTIN, AUDI, MERCEDES, McLAREN, GINETTA, ADESS, NORMA, LIGIER,
GM, FERRARI, BMW, ACURA, ORECA, ALFA ROMEO, FORD

PRO SERIES RADIOS

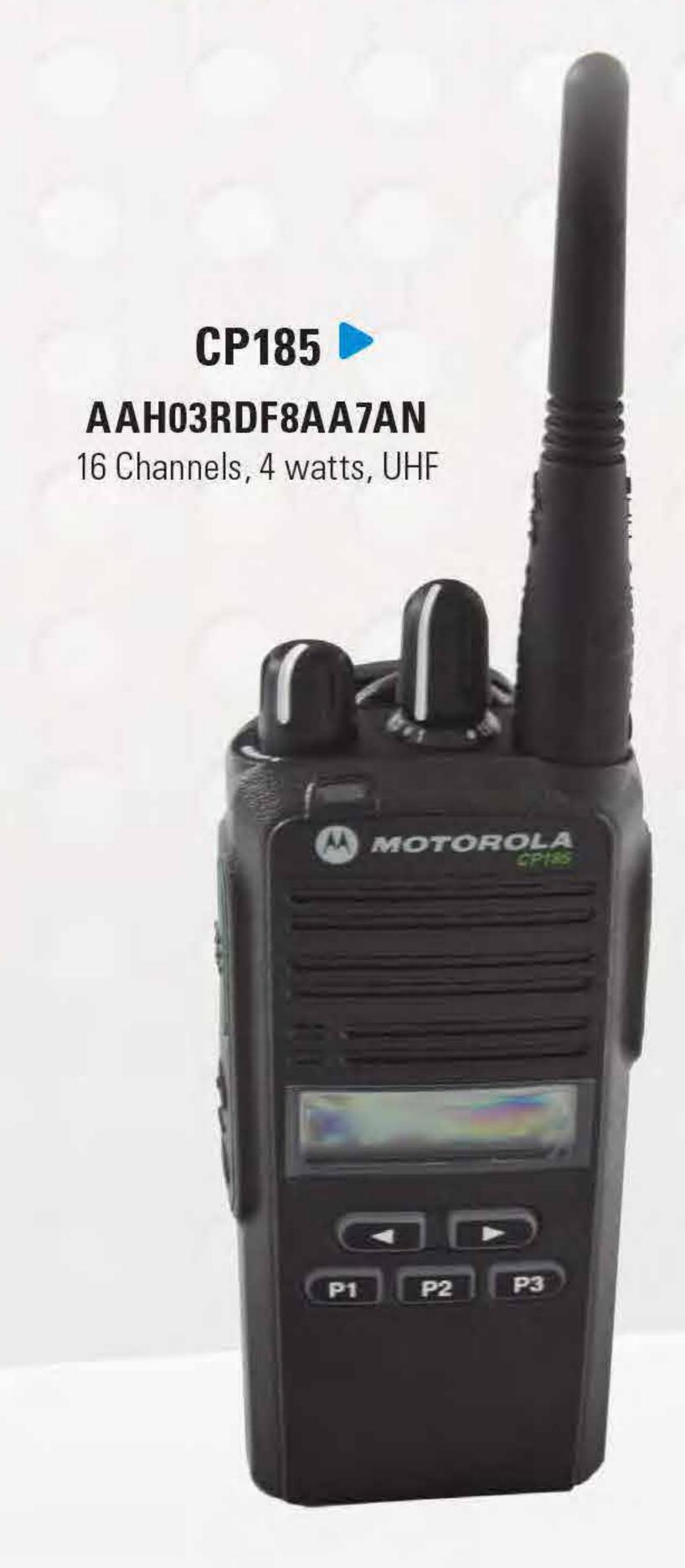
CP200D

UHF Analog, 16 Channels

UHF Digital, 16 Channels

COMMERCIAL SERIES TWO-WAY RADIOS





BPR40 V (Entry Level) AAH84RCS8AA1N \$250.00 8 Channels, 4 watts, UHF AAH84RCJ8AA1N \$275.00 16 Channels, 4 watts, UHF PMNN4071AR NiMh 1200 MAH Compatible with standard Motorola 2 prong audio connection accessories. Mag One

BPR 40

MOTOTRBO SERIES RADIOS



32 Channels, 4 watts XPR7550 📤 AAH56RDN9KA1AN

1000 Channels, 4 watts



A XPR3500 AAH02RDH9JA2AN 128 Channels, 4 watts

Kenwood NX-3300 512 Channels, 4 watts Digital





(Listed radios come with standard lithium-ion battery, rapid rate charger and a 3-year warranty)

MAGONE -

PMAE4020 Stubby Antenna PMNN4071 NiMH Battery PMNN4075 Li-on Battery

PMLN4743 Replacement Clip Li-ion Battery Bundle

PMAE4003 Stubby Antenna PMNN4080 Li-ion Battery Nylon Case w/Loop

PMLN5398 Single Charger PMMN4008 Remote Skr Mic



NAE6522 Stubby Antenna NNTN4497 Li-ion Battery PMNN4450 Li-ion 2800mAh

WPLN4138 Single Charger





HEADSETS

The Racing Radios Classic Two-Way Headset is the headset our competitors wish they had! It is the perfect solution for the extreme noise conditions of the racing environment.

A dynamic, noise-canceling microphone eliminates background noise and transmits clear communications to your driver or crew. The engineers at Racing Radios have developed this headset specifically for the extreme noise environment of the racing industry, making it an essential part of your crew's pit lane equipment. This headset is compatible with any radio with the proper adaptor cable. Not sure what cable you might need? No problem! Find a list of our Motorola headset adaptor cables on the following page.

RRH17PEL \$488.36 RRH17PEL2 \$625.00

The newest Racing Radios headset line offers customers the same great reliability and functionality as our classic headsets. Designed around the Peltor 97042-PEL-6C hearing protection cup, these two-way headsets have a noise reduction rating of 30db. We've also outfitted this headset with the Mini flexible driver microphone to allow additional noise cancellation as well as higher quality voice audio while transmitting.

PHK-2 CREW PIT HELMET KIT \$121.00

The Racing Radios Pit Helmet Kit enables any crew member required to wear a helmet, to have the same capabilities as our two-way headsets. This kit is mounted inside the helmet and utilizes earpieces for hearing protection and audio reception, a microphone for voice transmitting, and a glove friendly 'Push to Talk' (PTT) switch mounted on the outside of the helmet.

> This kit requires a microphone and earpieces sold separately.



RRH15PEL \$488.36 A

Over the Head Two-Way Headset

The Racing Radios Over the Head Two-Way Headset. This headset was custom -designed by the engineers at Racing Radios to meet the specifications of our customers, worldwide. This headset can be used with the 'Push to Talk'- button on the left or right, by simply rotating the microphone to the appropriate position. Also included, is an external audio input for scanners or any other audio device.



RRH15PEL2 \$625.00 Dual Over the Head Two-Way Headset

The Racing Radios Dual Over the Head

Two-Way Radio Headset enables you to utilize one headset to communicate on two radios. (Requires two headset cables.)



RRH158H \$199.99 **△**

Over the Head Two-Way Headset

This Classic designed Over the Head Two-Way Radio headset can be worn with the Push-to-Talk switch on either side by simply rotating the microphone. It comes equipped with an additional external audio input for use with scanners or other audio devices. This time tested design provides all day comfort and superior noise attenuation.

HEADSET CABLES



BELT STATION PTT'S

Places the radio push-to-talk at the user's belt. Used by spotters, crew chiefs or anyone that requires a more comfortable PTT solution.

1. HCA-100 \$128.00

Universal belt station push-to-talk. Requires proper radio headset adaptor cable.

2. RHA-UNI \$105.00

Connects a driver's helmet (IMSA wiring) to a handheld radio. Perfect option for an emergency harness. Proper radio adaptor cable required.

3. RHA-950 \$105.00

Connects a driver's helmet (IMSA wiring) directly to a two-prong Motorola handheld radio. Perfect option for an emergency harness.



4. RHA-XPR \$192.00

Connects a driver's helmet (IMSA wiring) directly to a Motorola XPR handheld radio. Perfect option for an emergency harness.

1. RDH-950-H \$60.00

Compatible with Motorola BPR40, CP125, CP200, CP150, PR400, CT250, GP300, P1225 and several other Motorola Radios with the proper adaptor.

2. RDH-XPR-H \$125.00

Compatible with Motorola XPR and APX series radios.

3. RDH-1100-H \$85.00

Compatible with Motorola EX500 and EX600 radios.

4. RDH-2330A \$85.00

Compatible with Motorola 3.5mm threaded accessory jack.

5. RDH-951 \$55.00

Compatible with Motorola BPR40, CP125, CP200, CP150, PR400, CT250, GP300, P1225 and several other Motorola Radios with the proper adaptor.

6. RAC-XPR \$90.00

Compatible with Motorola XPR and APX series radios.

ACCESSORIES





2. RR-FOAMS-H \$10.00 Foam Filled Ear Seals.

3. RR-GELS-H \$25.00 Gell Filled Ear Seals.

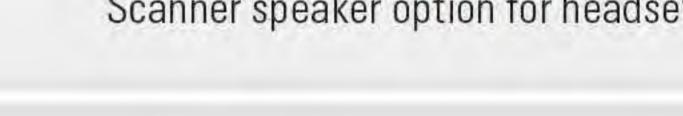


4. RR-COVERS-H \$8.00 Cloth Ear Seal Covers.

5. RR-MICSOCK-H \$5.00

Cloth Microphone Cover/Wind Sock. 6. HSO-1220A \$70.15

Scanner speaker option for headset.





RRH-086 \$349.95

Dual Two-Way Headset

The Racing Radios Dual Radio Headset enables you to utilize one headset to communicate on two radios. (Requires two headset cables.)



A RRH084H \$199.95





RHA-UNI-LW \$105.00

for R-ACE17 Lightweight Racing Headset



The Racing Radios Lightweight headset

The Racing Radios Lightweight headset is the perfect option for those wanting a more comfortable experience at the track. Combined with custom-fitted earpieces (purchased separately) the R-ACE17 is a versatile headset that can be used with practically any communications gear imaginable. The headset incorporates miniature balanced-armature drivers in each ear and a miniature waterproof noise-cancelling electret microphone. Racing Radios carries a multitude of adaptors to connect this headset to any radio, camera, or intercom.



The Racing Radios Classic Two-Way Headset

The Racing Radios Classic Two-Way Headset is the headset our competitors wish they had! It is the perfect solution for the extreme noise conditions of the racing environment. A dynamic, noise-canceling microphone eliminates background noise and transmits clear communications to your driver or crew. The engineers at Racing Radios have developed this headset specifically for the extreme noise environment of the racing industry, making it an essential part of your crew's pit lane equipment. This headset is compatible with any radio with the proper adaptor cable. Not sure what cable you might need? No problem! Find a list of our Motorola headset adaptor cables on page 12.



HELMET KITS

Racing Radios Helmet Kits are designed as a 3-piece kit. Each kit includes a helmet cable, an earpiece cable and a microphone. We have conveniently bundled these together to simplify your selection.



> 4 CONDUCTOR (IMSA STYLE) STRAIGHT CABLE KIT \$150.00 Includes:

(1ea) HKP-126130 Miniature noise-cancelling microphone (1ea) HKP-123100-H 1/8" earpiece jack and cable (1ea) 60037 4-Conductor plug and straight cable



> 4-CONDUCTOR (IMSA STYLE) COIL CABLE KIT \$200.00 Includes:

(1ea) HKP-126130 Miniature noise-cancelling microphone (1ea) HKP-123100-H 1/8" earpiece jack and cable (1ea) HKP-121010C 4-Conductor plug and coil cable



> 3-CONDUCTOR (NASCAR STYLE) STRAIGHT CABLE KIT \$150.00 Includes:

(1 ea) HKP-126130 Miniature noise-cancelling microphone (1 ea) HKP-123100-H 1/8" earpiece jack and cable (1 ea) 60033 3-Conductor plug and coil cable



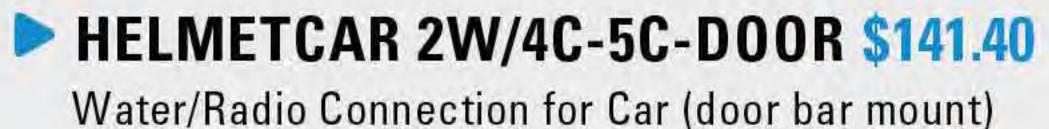
> 3-CONDUCTOR (NASCAR STYLE) COIL CABLE KIT \$175.00 Includes:

(1 ea) HK-P126130 Miniature noise-cancelling microphone (1 ea) HKP-123100-H 1/8" earpiece jack and cable (1 ea) 60036 3-Conductor plug and straight cable



► HELMETCAR 2W/4C-5C \$141.40

Water/Radio Connection for Car (panel mount) *not pictured



*not pictured

> HELMETDRIVER 2W/4C \$55.00

Water/Radio Connection for Driver (4 Conductor)



► HELMETDRIVER 2W/5C \$97.70

Water/Radio Connection for Driver (5-Conductor) *not pictured

> HELMETDRIVER 3W/4C \$95.70

Water/Radio/ID Connection for Driver (4 Conductor)



A. HKP-121010-H \$60.00

4-Conductor Coiled cable

B. HKP-122010 \$35.00

4-Conductor Straight cable

C. HKP-121020 \$50.00 3-Conductor Coiled cable

D. HKP-122020 \$35.00 3-Conductor Straight cable

E. HKP-123100ST-H \$35.00 Ear piece Connector and cable

F. HKP121050 \$119.50 5-Conductor Coiled

G. HKP-126120-H\$110.00

Miniature dynamic noisecancelling flexible boom microphone

H. HKP-126110-H\$80.00

Large M101 style dynamic noise-cancelling flexible boom microphone



PUSH-TO-TALK SWITCHES A. AM006 \$65.00

Basic Velcro PTT

Heavy Duty Thru-Hole PTT B. RR-P0520-W \$65.00 w/rubber boot 1/2" Basic Thru-Hole PTT E. RPT-50 \$130.00

C. 18216G-04 \$150.00 Thru-Hole PTT 3/8"

D. RPT-30/B-H \$120.00

David Clark Velcro PTT

ANTENNA KITS AND ADAPTERS

A. CAK-40/8 \$99.00

8' BNC - NMO cable with Metal 1/4 wave UHF whip antenna. B. CAK-50/8 \$159.99 8' BNC – cable with Metal 1/2 wave UHF whip antenna.

C. RAK-40/8 \$159.99 8' TNC - BNC cable with

Rubber TNC antenna and TNC Bulkhead adaptor.

D. RAK-50/8 \$159.99

8' BNC – cable with flexible 1/2 wave UHF rubber antenna. E. CAK FLEX \$100.00 8" BNC - Flexible External Antenna. Fasten to the highest

location on the car for best reception. No holes required for Installation!

F. GP-X \$27.43 UHF ground plane

G. 461756 \$65.00 The Phantom Elite 3db Gain Antenna features patented, true field diversity that outperforms many conventional whip antennas.

H. PAC-30/MINI \$85.00

30ft antenna cable N-male to MINI-UHF-male

I. 80245T \$129.35

450-470 MHz fiberglass antenna

J. SH-230 \$425.00

30ft Telescoping fiberglass pole *not pictured*



Long-Range Option Increasing your antenna height is the easiest way to expand your radio's coverage. Our Long-Range-Option can get your antenna 30 feet higher and could double your coverage!

K. CAK-70 \$170.00 1/4 wave monopole antenna with included flexible wire ground plane. Easily installs

in seconds with included Dual Lock adhesive mounts.



ABOVE ANTENNA KITS REQUIRE ONE OF THE FOLLOWING ADAPTERS:



5886564Z01







\$35.00 5885705M02 HT1250/750, EX 500/600, GP300, P110



\$35.00 5880367B23 Fits most Motorola Mobile radios





MOBILE



XPR 5550e AAM28QNN9RA1 N UHF 25 watts 1000 channel, Digital





AAMO1QNC9JC1N UHF 1-25 watts, 16 channel, Analog

AAMO1QNC9JA1N UHF 1-25 watts,

16 channel, Digital





AAM01QNH9JC1N UHF 25 watts, 99 channel, Analog

AAM01QNH9JA1N UHF 25 watts, 99 channel, Digital

REPEATERS

MOTOTRBOTM XPRTM Series Repeaters

Technical Data: 100% Continuous Duty, Supports Two Simultaneous Voice Paths in Digital TDMA Mode, Operates in Analog or Digital Mode, IP Site Connect (Digital Mode only), Remote Diagnostics Alarms and Controls (RDAC), Internal Power Supply, Rack Mountable, Wall-mount Kits Sold Separately, Automated Battery Back-up (battery sold separately).



\$1,650.00 A13680014

UHF 50w Repeater



AAR10QCGANQ1AN UHF 1-50w Slim-Line Repeater



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ACCESSORIES

RACING RADIOS EARPIECES

Racing Radios Earpieces are manufactured for Racing Radios with the highest quality transducers and cables available.

CE31A/FOAMS-H \$95.00

Standard 19" foam earpieces with 1/8" mono plug.

EMT-EAR/36 \$125.00

Standard 36" foam earpieces with 1/8" mono plug.

CE30M/L \$139.95

19' semi-custom molded earpieces with 1/8" mono plug. Available in Medium and Large.

CE28 \$149.95

19" Custom molded earpieces with 1/8" mono plug.

CE27 \$156.00

36" Custom molded earpieces with 3.5mm stereo plug.

RRIEM19FF01 \$114.99

Standard 19" foam earpieces with 3.5mm stereo plug.

RRIEM36FF01 \$119,99

Standard 36" foam earpieces with 3.5mm stereo plug.

RRIEM19SM01 \$169.99

Semi-custom molded earpiece with standard 3.5mm stereo plug. Available in medium and large.

RRIEM19SL01 \$169.99

Semi-custom molded earpiece with standard 3.5mm stereo plug. Available in medium and large.

SURVEILLANCE EARPIECE KITS



PMLN6129A \$125.66

Surveillance kit for Motorola XPR and APX series radios.



RLN4895 \$114.00

Surveillance kit for Motorola CP200, P1225, BPR40 and other 2-prong style radios.



SWHD-R/L \$100.00

Upgraded earpiece for surveillance kits.

RECEIVE ONLY ADAPTERS V

RDH-950/125 \$55.00

Compatible with Motorola BPR40, CP125, CP200, CP150, PR400, CT250, GP300, P1225 and several other Motorola Radios with the proper adaptor.

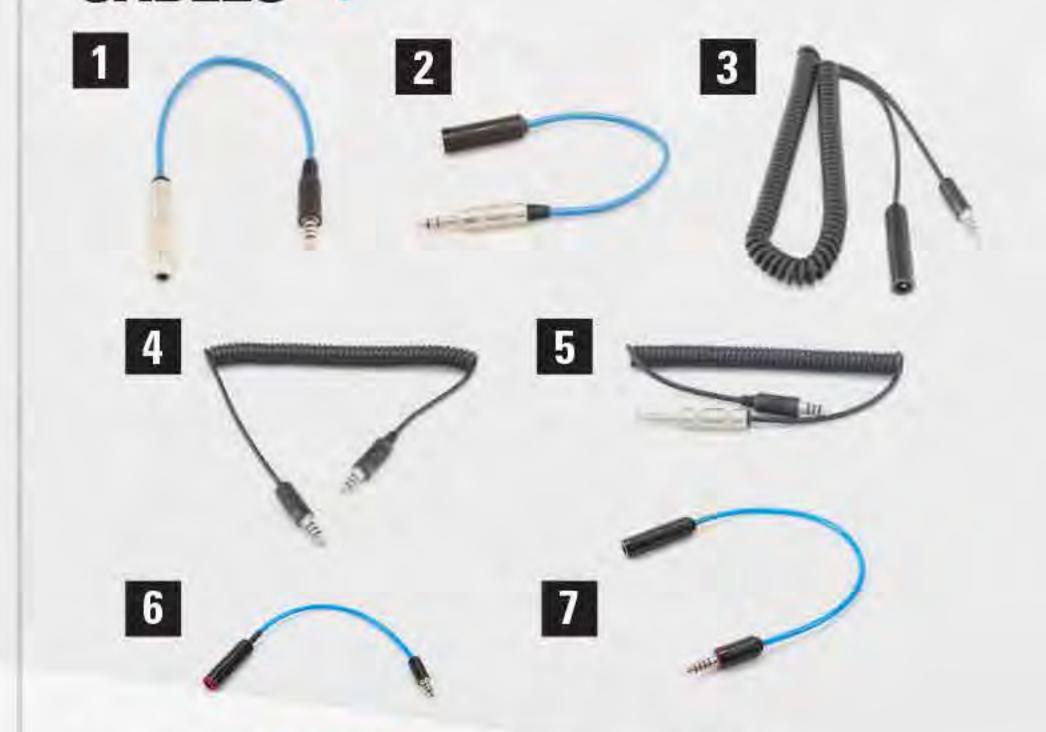
RDH-2330/125 \$75.00

Compatible with Motorola 3.5mm threaded accessory jack.

HKP-TA5/125 \$71.00

Switchcraft 5-pin female connector to 1/8" mono jack adaptor.

HELMET REVERSER/ADAPTER CABLES 7



- 1. RRC-10 \$80.00 3/C Female 4/C Male
- 2. RRC-20 \$80.00 4/C Female 3/C Male
- 3. HEC-10 \$92.00 4/C Helmet Extension Coil Cable
- 4. RRC-10ST \$60.00 Stilo Helmet IMSA 4/C adaptor
- 5. RRC-20ST \$60.00 Stilo Helmet NASCAR 3/C Adaptor
- 6. RRC-30-US \$107.59 5/C Female 4/C Male
- 7. RRC-50-ID \$127.86 4/C Female 5/C Male

MOTOROLA BATTERIES



HNN9049 \$100.00

P1225 high capacity

HNN9008 \$64.00

HT 1250/750 standard

HNN9009AR \$75.00

HT1250/750 high capacity

HNN9013DR \$75.00

HT1250/750 Li-ion

NNTN4497 \$80.00 CP200 Li-ion

PMNN4071 \$35.00 BPR-40 NiMH

PMNN4075AR \$53.00

BPR-40 Li-ion PMNN4077 \$85.00

XPR series Li-ion

PMNN4406 \$66.00

XPR 3000

Recommended Battery Care: Charge your new battery overnight (14-16 hours) before using it. This is referred to as "initializing" and will enable you to obtain maximum battery capacity.

BATTERY CHARGERS

WPLN4212 \$495.00

XPR Impress charger (non-display)

WPLN4219 \$650.00

XPR Impress charger (with display)

RLN6393 \$450.00

BPR40 multi-charger

PMLN6687 \$235.00

Multi-unit charger SL7550

RLN6393 \$450.00

Multi-unit charger CP200D



Y.





RRH-FAN-INT \$125.00

Similar to the same headsets worn by professional race teams, these headsets allow you to communicate with up to 8 people while all being able to listen to 1 scanner. Push-to-talk on the left ear cup allows conversation. Powered by a 9-volt battery, these headsets provide comfort and convenience.



A RRH-SCAN-BTH \$70.00

This exclusive Racing Radios listen only behind-the-head headset is built to the same quality as our professional 2-way headsets. Provides excellent noise attenuation and quality sound from the scanner. Comes standard with adjustable volume control and additional 3.5mm aux jack for daisy-chaining headsets. Aux jack may also be used for a secondary audio input.





ARRH-SCAN-OTH \$60.00

This exclusive Racing Radios listen only over-the-head headset is built to the same quality as our professional 2-way headsets. Provides excellent noise attenuation and quality sound from the scanner. Comes standard with adjustable volume control and additional 3.5mm aux jack for daisy-chaining headsets. Aux jack may also be used for a secondary audio input.

1. BC75XLT \$99.99

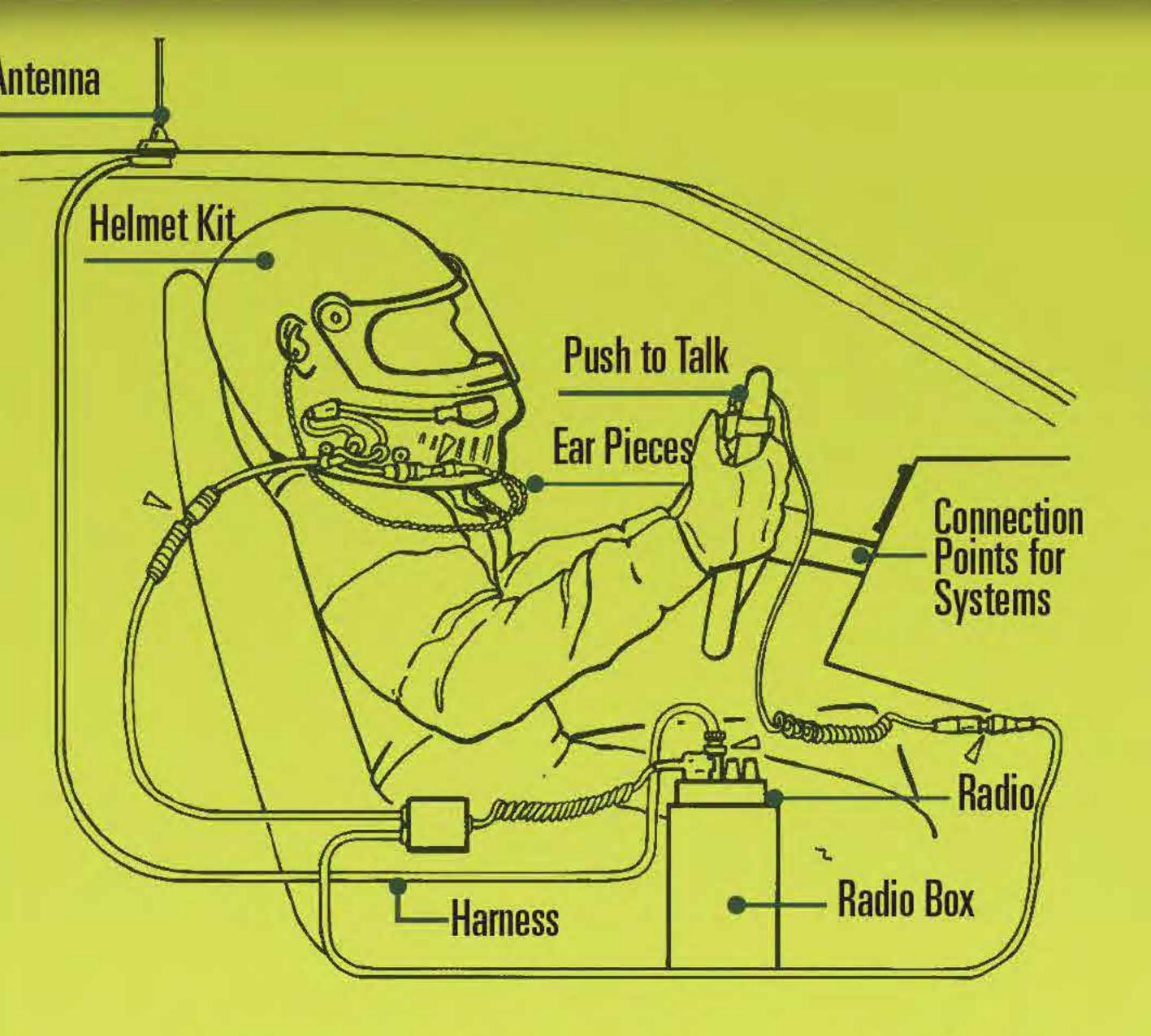
100 channel scanner. This is the most basic Uniden scanner that Racing Radios has to offer. Easy to manually program using the front keypad.

2. BC125AT \$149.95

500 channel scanner. PC programmable alpha-numeric display. Priority-scan capable. Easily program and listen to your favorite drivers.

3. RACERECEIVER LEGEND 1600 \$99.95

High visibility yellow RACEceiver is pre-programmed with 1600 UHF frequencies. A standard requirement in many race series. Includes fully-enclosed "snug fit" holster. *Earpieces not included.



■ PUSH-TO-TALK SWITCH INSTALLATION

Locate a position, on the steering wheel, that is convenient for the driver. If you have a Velcro type PTT it is a little easier to mount it on the wheel. A throughhole steering wheel PTT requires a little more thought. We recommend using zip-ties to ensure less strain on the cable going into the PTT. Once mounted secure the 3-pin connector, of the harness, to a point that is easily accessible to the PTT 3-pin male connector.

CAR HARNESS INSTALLATION

The car harness cables should be run in such a way that no other electrical or ignition wires are near any part of the harness. The radio should be mounted in a location convenient to the driver and away from ignition and other electrical devices. The female helmet connector should be run to the back of the driver seat, up to the shoulder location. Tie strapping cables to non electrical hard points only.

ANTENNA LOCATION

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Contrary to many beliefs, we recommend that the antenna not be grounded to the car. It should be electrically isolated from the ground of the car whenever possible. A continuity tester can be used to insure isolation. We also provide a ground plane / insulator to help with this procedure. The ground plane should be mounted with the copper side away from the car. Locate the antenna on a high point of the car, away from any other antennas; i.e. telemetry. This will ensure the best reception. The "teeth" of the antenna connector should bite into the metal of the ground plane. Route the cable away from any electrical wires and connect to the radio RF jack.

HELMET KIT INSTALLATION

PARTS NEEDED FOR INSTALL: Drill, 9/64 Drill Bit, "P" Clips, Rivets, Hot Glue Gun, Rivet Gun, Heat Shrink

STEP 1. Pull back cheek pad of side you are mounting equipment.

STEP 2. Drill 9/64 hole for mounting of ear connector jack.

STEP 3. Secure Earpiece jack with "P" Clip and rivet.

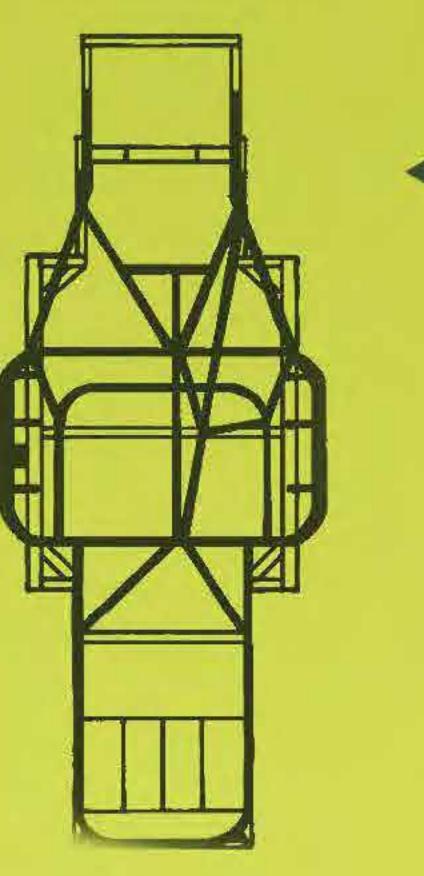
STEP 4. Connect Helmet Cord and Earpiece Jack together - Blue wire connects to Green wire, and White Wire Connects to Black wire.

STEP 5. Secure Helmet wire and Earpiece wire together with "P" clip and rivet to Helmet.

STEP 6. Depending on style of helmet - Cut hole in cheek pad and feed microphone through to the backside of the cheek pad. Channel out groove on the backside of the cheek pad and secure mic it hot glue. Let it dry for about 5 minutes.

STEP 7. After glue is dry, connect 2 microphone wires to 2 remaining wires on the Helmet Cord. It does not matter which color goes to what wire. Secure these connections with heat shrink.

STEP 8. Secure cheek pad back into helmet and make sure everything is fitting correctly. Test Helmet and make sure everything is functioning properly.



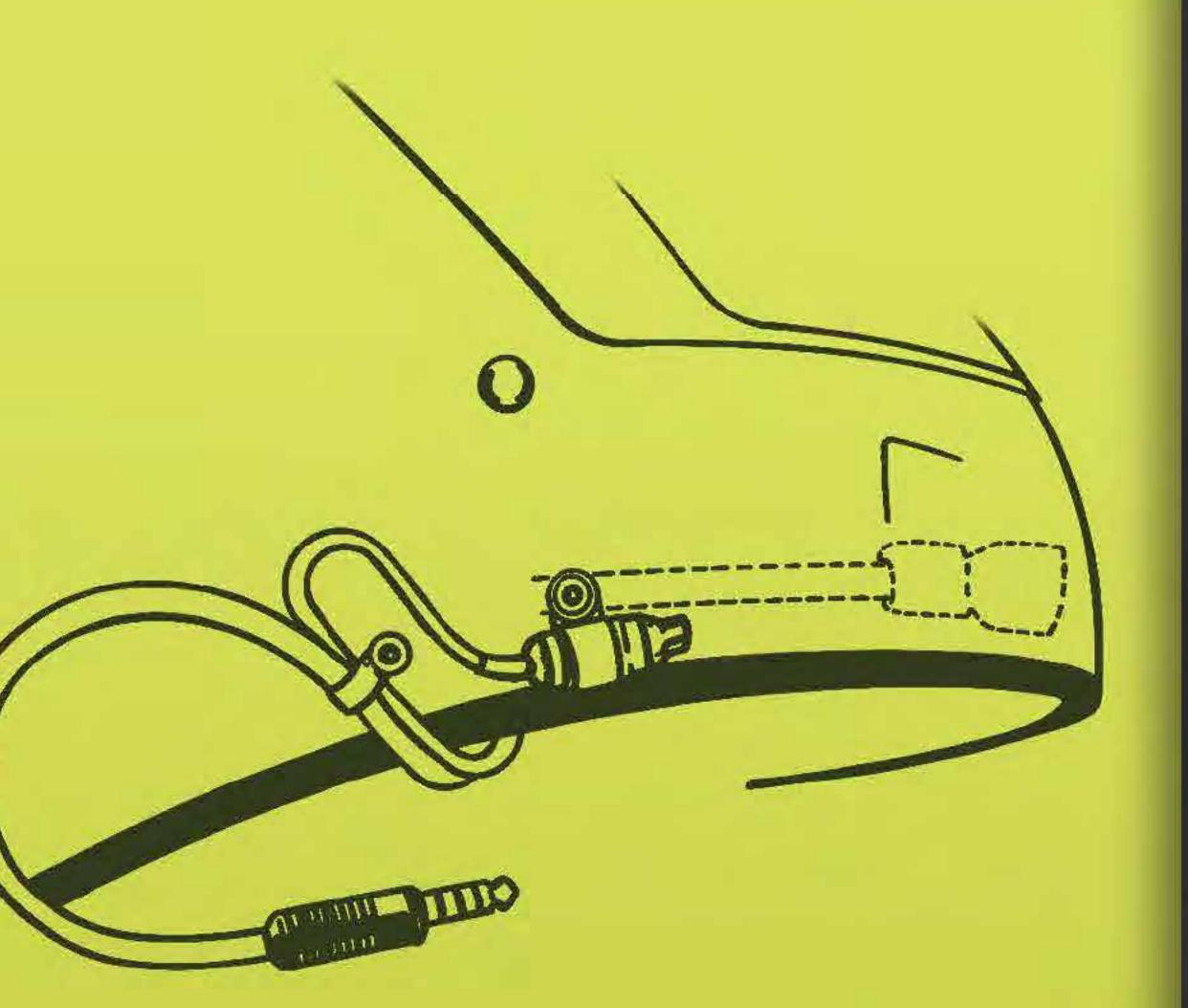
CAR RADIO INSTALLATION

Place radio in a nylon or leather case and tie strap the case through the belt loop to the roll cage, either on the driver's side door or roll bar to the driver's right. Make sure the radio is mounted at least three feet away from the ignition boxes and switches. (Racing Radios Radio Box is available instead of cases on page 5.)



ANTENNA MOUNTING PROCEDURE

- 1. Drill 3/4" hole into mounting surface.
- 2. Mate gasket and locking ring.
- 3. Apply Teflon Lube to gasket and locking ring.
- 4. From top, insert mount into hole. (Figure 1)
- 5. Center mount in hole.
- 6. Thread locking ring onto mount.
 (Figure 2)
- 7. Tighten locking ring with 15/16" wrench. (Figure 2)
- 8. Screw on antenna and tighten securely. (Figure 3)



▲ CLOSED FACE HELMET KITS

Choose type of cable, speaker or ear connector kit, and one microphone kit.



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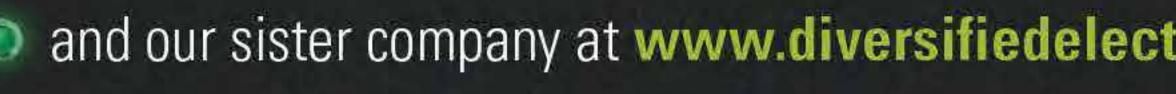
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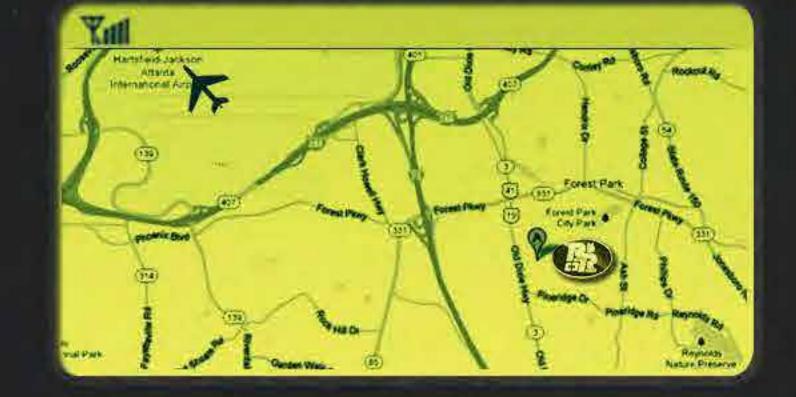
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