

2021

PRODUCT CATALOG



MOTOROLA SOLUTIONS

Channel Partner



PRO GEAR | BUILT TO LAST

THE LEADER SINCE 1979

Since 1979, Racing Radios has been the innovator of two-way radio communications in the racing industry. Thousands of teams, tracks, and drivers around the world utilize Racing Radios products on a daily basis and trust our products to perform and function at 100% everyday. With locations in both Georgia (Forest Park) and North Carolina (Mooresville), Racing Radios caters to ALL forms of motor sports and is continuing to push the evolution of our customers' two-way radio communication needs.

ATLANTA, GA

1.800.669.1522

309-C Agnew Drive
Forest Park, GA 30298

MOORESVILLE, NC

1.704.660.5614

149-A Rolling Hills Road
Mooresville, NC 28117

SHOP ONLINE

WWW.RACINGRADIOS.COM

SOCIAL

@RACINGRADIOS #RACINGRADIOS #RACINGISLIFE

2020 EVENTS & SUPPORT

Visit **RacingRadios.com** for an up-to-date 2021 event support schedule.

ORDER INFORMATION

CREDIT CARD ORDERS

We accept VISA, Mastercard, Discover and American Express. No C.O.D. orders.

SHIPPING

Shipping and insurance charges are additional. UPS Ground, UPS 3-Day Air, UPS 2-Day Air, UPS Next Day Air and Federal Express are available.

SALES TAX

Sales tax is not included in pricing. Call for additional information.

RETURN POLICY

Prior authorization is required on all returns. All returns must be complete in original packaging and in new condition. No returns after 10 days from receipt of order. All returns are subject to a 20% restocking fee. Shipping charges are nonrefundable.

F.C.C. LICENSING

All FM Two-Way Radios require an F.C.C. License. This license is the responsibility of the end user. Necessary forms and information are available upon request at 1-800-669-1522. Racing Radios repair, service and rent radios.

Products, prices, availability, and event locations are subject to change. Call **1.800.669.1522** for the latest info on 2021 event locations, prices, and products. Catalog may contain incorrect pricing, descriptions or photos. Please check with a sales representative or racingradios.com for the latest information.

DRIVER | CAR | CREW

COMPLETE TWO-WAY SYSTEMS

We took the guesswork out of putting together a complete two-way radio system. The following pages list the top four 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 the price. Call us today and we can help you build the perfect system for your needs!



PRO GEAR BUILT TO LAST

DIGITAL LONG TRACK SYSTEM

MOBILE RADIO | CM300D



*Helmet not included

* Antenna Shown Cropped for display

Package Includes:

- Car & Driver:**
 Motorola CM300D Mobile Digital Radio
 Car Wiring Harness
 Push to Talk Button*
 Antenna Kit*
 Driver Helmet kit (4/C)
 Driver Earpieces*

- Digital Crew Member Package:**
 Motorola CP200D Digital Radio
 w/ Battery, Charger, Clip
 Racing Radios Two-Way Headset*
 Motorola 2-Pin Headset Cable
 Racing Radios Belt

Digital Long Track Mobile | CM300D

The Racing Radios® Digital Long Track Mobile System is a complete racing communications solution which features the premium Motorola CM300D Mobile Digital radio. This system is designed for professional road course and long track applications. Package includes everything you need for Driver, Car, and one Crew Member.

Add additional crew member packages for additional savings. For custom builds and installation support, we are always here to help build the perfect solution!



FROM **\$1,695**

* Upgradable Options

DIGITAL LONG TRACK SYSTEM

PORTABLE RADIO | CP200D



*Helmet not included

Package Includes:

- Car & Driver:**
 Motorola CP200D Portable Digital Radio
 Car Wiring Harness
 Push to Talk Button*
 Antenna Kit*
 Driver Helmet kit (4/C)
 Driver Earpieces*

- Digital Crew Member Package:**
 Motorola CP200D Digital Radio
 w/ Battery, Charger, Clip
 Racing Radios Two-Way Headset*
 Motorola 2-Pin Headset Cable
 Racing Radios Belt

Digital Long Track Portable | CP200D

The Racing Radios® Digital Long Track System features a pair of Motorola CP200D Portable Digital Radios. This system is designed for professional road course and long track applications. Package includes everything you need for Driver, Car, and one Crew Member.

Add additional crew member packages for additional savings. For custom builds and installation support, we are always here to help build the perfect solution!



FROM **\$1,695**

* Upgradable Options

SHORT TRACK ANALOG SYSTEM

PORTABLE RADIO | MAG-ONE BPR-40



Package Includes:
Car & Driver:
 Motorola Mag One Analog Radio
 Car Wiring Harness
 Push to Talk Button*
 Driver Helmet kit (4/C)
 Driver Earpieces*

Digital Crew Member Package:
 Motorola Mag One Analog Radio
 w/ Battery, Charger, Clip
 Racing Radios Two-Way Headset*
 Motorola 2-Pin Headset Cable
 Racing Radios Belt

Short Track Analog Portable | Mag One
 The Racing Radios® Short Track Analog Complete System is the perfect balance between performance and affordability. This package has been designed for ovals under 1 mile, go-kart, driver instruction, dirt track, and most short tracks. This package includes everything you need for Driver, Car, and one Crew Member.

Add additional crew member packages for additional savings. For custom builds and installation support, we are always here to help build the perfect solution!

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FROM **\$799**

SHORT TRACK DIGITAL SYSTEM

NEW! PORTABLE RADIO | CP100D



Package Includes:
Car & Driver:
 Motorola CP100 Digital Radio
 Car Wiring Harness
 Push to Talk Button*
 Driver Helmet kit (4/C)
 Driver Earpieces*

Digital Crew Member Package:
 Motorola CP100 Digital Radio
 w/ Battery, Charger, Clip
 Racing Radios Two-Way Headset*
 Motorola 2-Pin Headset Cable
 Racing Radios Belt

Short Track Digital Portable | CP100D
 The Racing Radios® Short Track Digital Complete System is the ultimate short-track two-way communications system. Perfect for ovals under 1 mile, go-kart, driver instruction, dirt track, and most short tracks. Digital offers increased performance in range, battery life, in addition to signal encryption. This package includes everything you need for Driver, Car, and one Crew Member.

Add additional crew member packages for additional savings. For custom builds and installation support, we are always here to help build the perfect solution!

MOTOROLA SOLUTIONS
 Channel Partner

FROM **\$999**

CREW MEMBER PACKAGES

PRO BUNDLED SAVINGS

CREW MEMBER PACKAGE CP200D DIGITAL \$675 ▶

- Motorola CP200D Digital Radio (Digital & Analog Channels) (Includes Battery, Single Unit Charger, Power Supply)
- Racing Radios Two-Way Radio Headset (RRH084 or RRH084BLK)
- Motorola 2-Pin Headset Cable (RDH-950)
- Racing Radios Belt (Blue or Black)

● Iconic Blue ● Black



NEW! CREW MEMBER PACKAGE CP100D DIGITAL \$500 ▶

- Motorola CP100D Digital Radio (Digital & Analog Channels) (Includes Battery, Single Unit Charger, Power Supply)
- Racing Radios Two-Way Radio Headset (RRH084 or RRH084BLK)
- Motorola 2-Pin Headset Cable (RDH-950)
- Racing Radios Belt (Blue or Black)

● Iconic Blue ● Black



*CP100D uses supplied antenna. Radio NOT Compatible with external antennas or antenna adapters.

CREW MEMBER PACKAGE MAG-ONE ANALOG \$400 ▶

- Motorola Mag-One Analog Radio (Analog Channels) (Includes Battery, Single Unit Charger, Power Supply)
- Racing Radios Two-Way Radio Headset (RRH084 or RRH084BLK)
- Motorola 2-Pin Headset Cable (RDH-950)
- Racing Radios Belt (Blue or Black)

● Iconic Blue ● Black



PIT CREW HELMET KIT PACKAGE from \$645.00 ▶

- Pit Crew Helmet Kit Package includes: Pit Crew Helmet Kit PHK-2
- HKP-126120 Helmet Microphone
- RDH-950-H - Motorola 2-Pin Headset Cable
- Earpieces (Foam & Semi-Custom Options)
- Portable Radio (Mag-One or CP200D Options w/ battery and charger)
- Racing Radios Belt (Blue or Black)
- Earpiece Case
- Helmet Mounting Hardware (Drill or No/Drill)

*Helmet not included



● Iconic Blue ● Black



TWO-WAY RADIO CAR WIRING HARNESSSES

All Racing Radios' harnesses are designed and manufactured with highest quality parts and cables available. As the leader in racing radio communications worldwide, we take pride in knowing that we offer the best-built radio harnesses in the industry.



RCH-139010A-H
\$175

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

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



RCH-010
\$190

Universal 4 conductor (IMSA) wiring radio car harness. Compatible with any handheld two-way radio. A proper radio adapter, cable is required.



RCH-XPR-M
\$125

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



NEW! RCH-DRAG 3
\$195

Drag Racing Harness 3 Conductor (NASCAR) wiring. It provides louder volume, required to drive helmet speakers. Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400, and GP300.



NEW! RCH-DRAG 4
\$195

Drag Racing Harness. 4 Conductor (IMSA) wiring. It provides louder volume, required to drive helmet speakers. Compatible with Motorola two-prong style radios such as CP200, BPR40, P1225, PR400, and GP300.



RCH-100010B-R
\$200

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.



NEW! RCH-DSP-R-H V2.1
\$480

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 mobile radios.



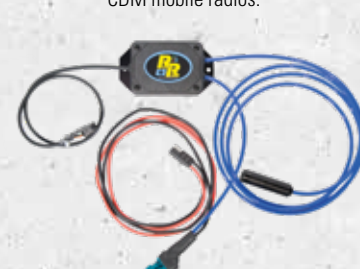
RCH-LTWT4
\$225

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



DCH-LTWT
\$299

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 adapter cables are required.



NEW! RCH-100010-BMW-M2
4C \$410 4C+DSP \$735

Racing Radios has designed its premium car wiring harness for the new BMW M2 CS. This car wiring harness connects the driver two-way radio communication with the Motorola CM300 Mobile Radio and the M2's factory push-to-talk system.



NEW! RRC-AUX-IO
4C \$199 5C \$225

In-line audio adapter with Aux audio input and microphone and receive audio output. This adapter enables you to connect a camera or audio recording device to capture the driver's microphone and audio receive audio. There is also a secondary audio input for connecting a scanner or RACeceiver.



NEW!

RCH-XPR-CAYMEN-GT4/GT2
\$465

Our new GT2 harness features a Motorola XPR5550e Mobile Radio Connection (Rear), GT3/GT2 RS Clubsport Push-To-Talk (PTT) Connector 4/C Driver Connection

*Price for car harness. Radio and car shown not included.



CUSTOMIZED CAR RADIO HARNESSSES

Many race cars 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!



CUSTOM HARNESSSES AVAILABLE UPON REQUEST 1-800-669-1522

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, & More!

TWO-WAY RADIOS

Shop Racing Radios high-quality Motorola Mobile Radios, Portable Radios, Repeaters, Replacement Batteries and Accessories. Choose from CP200D, CM300D CM200D, and BPR Mag-One Models. Racing Radios is a proud Motorola Channel Partner.

MOTOTRBO™
Professional Digital Two-Way Radio System

MOBILE PRO SERIES



◀ **XPR 5550e**
CALL FOR PRICE
AAM28QNN9RA1N
UHF 25 watts
1000 channel, Digital

MOTOTRBO Remote Mount Kit PMLN6404 **CALL FOR PRICE**



COMMERCIAL SERIES



◀ **CM300D \$575**
AAM01QNH9JC1N
UHF 25 watts,
am00699 channel, Analog
AAM01QNH9JA1N
UHF 25 watts,
99 channel, Digital



◀ **CM200D \$450**
AAM01QNC9JC1N
UHF 1-25 watts,
16 channel, Analog
AAM01QNC9JA1N
UHF 1-25 watts,
16 channel, Digital



MOTOROLA SOLUTIONS
Channel Partner

REPEATERS

MOTOTRBO™ XPR™ Series

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).



PORTABLE PRO SERIES



MOTOTRBO™
Professional Digital Two-Way Radio System

◀ **XPR 7550**
AAH56RDN9KA1AN
1000 Channels, 4 watts

◀ **XPR 7350**
AAH56RDC9KA1AN
32 Channels, 4 watts



MOTOTRBO™
Professional Digital Two-Way Radio System

◀ **XPR 3300**
AAH02RDC9JA2AN
16 Channels, 4 watts

◀ **XPR 3500**
AAH02RDH9JA2AN
128 Channels, 4 watts

COMMERCIAL SERIES



◀ **CP200D**
AAH38RDC9AA3N \$425
UHF Analog, 16 Channels
AAH01QDC9JC2N \$500
UHF Digital, 16 Channels



NEW!
◀ **CP100D**
CP100D \$399
UHF Digital, 16 Channels
CP100D-KPD \$499
Digital Keypad
UHF Digital, 16 Channels

**CP100D uses supplied antenna. Radio NOT Compatible with external antennas or antenna adapters.*



▲ **BPR40 (Entry Level)**
AAH84RCS8AA1N \$250.00
8 Channels, 4 watts, UHF
AAH84RCJ8AA1N \$275.00
16 Channels, 4 watts, UHF

ACCESSORIES

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

CP200D
NAE6522 Stubby Antenna
NNTN4497 Li-ion Battery
PMNN4450 Li-ion 2800mAh
WPLN4138 Single Charger

MAG-ONE
PMAE4020 Stubby Antenna
PMNN4071 NiMH Battery
PMNN4075 Li-on Battery
PMLN4743 Replacement Clip
RLN6350 Li-ion Battery Bundle

XPR 3300,3500,7350,7550
PMNN4406 Battery 3300-3500
PMNN4409 Battery 7350, 7550
WPLN4232A Single Charger
WPLN4212B Multi-unit charger
PMAE4079A Antenna

SL300/SL7550
PMN4468A Battery
PMLN7109A Single Charger
PMLN7101A Multi-unit Charger
PMAE4077 Antenna
PMLN5956A Swivel carry clip

HELMET KITS & ACCESSORIES

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.

NEW!



4C EZ INSTALL HELMET KIT

\$210.00 Includes:
 (1ea) HKP-126130 Miniature noise-canceling microphone
 (1ea) HKP-123100-H 1/8" earpiece jack and cable
pre-wired to (1ea) HKP-121010C 4-Conductor plug and coil cable



4 CONDUCTOR (IMSA STYLE) STRAIGHT CABLE KIT

\$150.00 Includes:
 (1ea) HKP-126130 Miniature noise-canceling 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-canceling 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-canceling microphone
 (1 ea) HKP-123100-H 1/8" earpiece jack and cable
 (1 ea) 60036 3-Conductor plug and straight cable



3-CONDUCTOR (NASCAR STYLE) COIL CABLE KIT

\$175.00 Includes:
 (1 ea) HKP-126130 Miniature noise-canceling microphone
 (1 ea) HKP-123100-H 1/8" earpiece jack and cable
 (1 ea) 60033 3-Conductor plug and coil cable



A. HELMETCAR 2W/4C-5C-DOOR \$141.40

Water/Radio Connection for Car (door bar mount)

B. HELMETDRIVER 2W/5C \$98

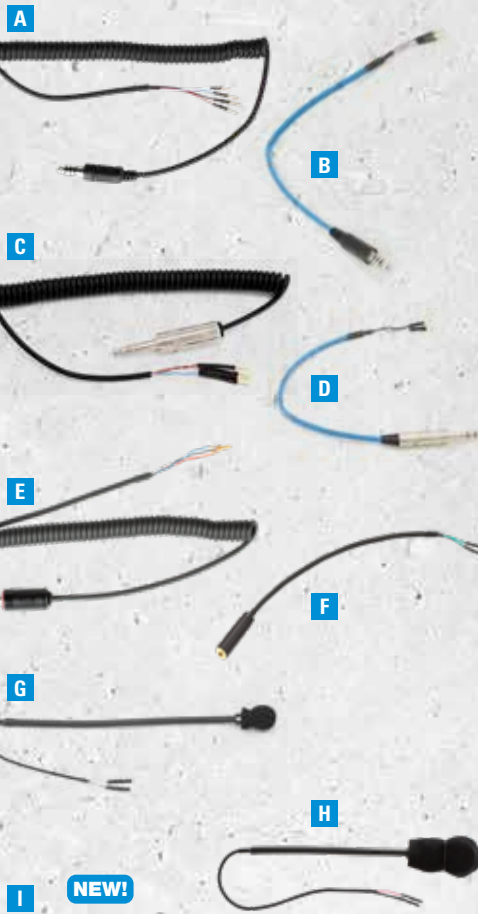
Water/Radio Connection for Driver (5-Conductor) *not pictured

C. HELMETCAR 2W/4C-5C \$141.40

Water/Radio Connection for Car (panel mount)

D. HELMETDRIVER 2W/4C \$98

Water/Radio 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. HKP121050 \$119.50

5-Conductor Coiled

F. HKP-123100ST-H \$35.00

Earpiece Connector and cable

G. HKP-126120-H \$110.00

Miniature dynamic noise-canceling flexible boom microphone

H. HKP-126110-H \$80.00

Large M101 style dynamic noise-canceling flexible boom microphone

I. WP-1049 \$2.50

Velcro Mounting Tab holds earpiece jack securely in place for non-destructive helmet kit installs.

PUSH-TO-TALK-SWITCHES



A. AM006 \$65

Basic Velcro PTT

B. RR-P0520-W \$65

Basic Thru-Hole PTT

C. 18216G-04 \$150.00

David Clark Velcro PTT

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

Heavy Duty Thru-Hole PTT w/ rubber boot 1/2"

E. RPT-50 \$130.00

Thru-Hole PTT 3/8"

ANTENNA KITS & ADAPTERS

A. CAK-40/8 \$99.00

8' BNC - NMO cable with Metal 1/4 wave UHF whip antenna.

B. Phantom Elite \$65

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

C. RAK-40/8 \$159.99

8' TNC - BNC cable with Rubber TNC antenna and TNC Bulkhead adapter. flexible 1/2 wave UHF rubber antenna.

D. PAC-30/MINI \$85.00

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

E. 80245T \$129.35

450-470 MHz fiberglass antenna

F. GP-X \$27.43

UHF ground plane

G. 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!

H. 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!



CAK-70 \$170

1/4 wave monopole antenna with included flexible wire ground plane. Easily installs in seconds with included Dual Lock adhesive mounts.



NEW!

CAK-65 \$175

Racing Radios CAK-65 wave monopole race car antenna includes a flexible wire ground plane with a detachable radio antenna SMA connector. Easily installs with included hex locknuts.

Light weight or standard cabling. Available radio adapter connectors: BNC, BNC90, Mini UHF, Mini UHF90, TNC, TNC90.

Antenna Adapters | Antenna Kits May Require One Of The Following Adapters



\$80.00
5886564Z01
 CP200/CP400

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

\$40.00
PMDN4041BR
 BPR-40 MAG-ONE

\$35.00
5880367B23
 Fits most Motorola
 Mobile radios

\$25.00
5880384G68
 HT1000, XPR, VISAR

TWO-WAY HEADSETS

FLEX BOOM PREMIUM HEADSET

PREMIUM RRH085 \$250 ▶

The new **Racing Radios® Premium Two-Way Radio Headset** features a flex boom noise-canceling microphone, premium comfort ear gels and an incorporated scanner jack on the left ear-cup that enables you to plug an additional audio source. Built for professionals with high-quality components for maximum reliability and durability.

● Iconic Blue



NEW!

▲ DUAL PREMIUM FLEX BOOM RRH085D \$400

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.)



▲ RRH158 \$199

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.

● Iconic Blue



▲ RRH084 \$199

The Racing Radios Classic Two-Way Headset 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 making it an essential part of your crew's pit lane equipment.

● Iconic Blue ● Black



▲ RRH086 \$349

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.)

● Iconic Blue ● Black

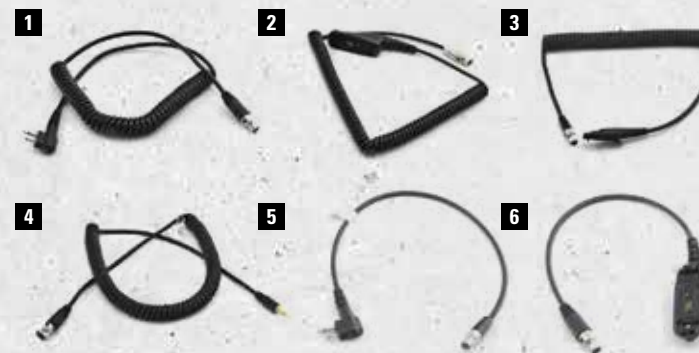
▲ PHK-2 CREW PIT HELMET KIT \$121

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 setup requires a Microphone and Earpieces, sold separately.)



*Helmet not included

TWO-WAY HEADSET CABLES



BELT STATION PUSH TO TALK ▼

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

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

2. RHA-UNI \$105

Connects a driver's helmet (IMSA wiring) to a handheld radio. The perfect option for an emergency harness.

3. RHA-950 \$105

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



4. RHA-XPR \$192

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

◀ 1. RDH-950 \$60

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

2. RDH-XPR \$125

Compatible with Motorola XPR and APX series radios.

3. RDH-1100 \$85

Compatible with Motorola EX500 and EX600 radios.

4. RDH-2330A \$85

Compatible with Motorola 3.5mm threaded accessory jack.

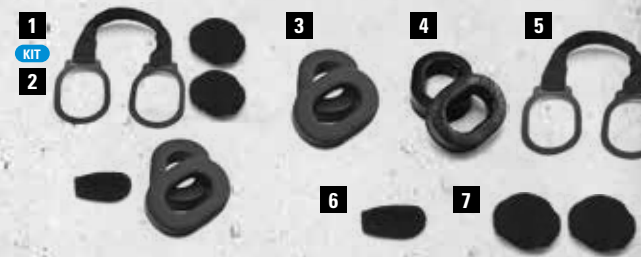
5. RAC-950 \$55

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

6. RAC-XPR \$90

Compatible with Motorola XPR and APX series radios.

ACCESSORIES ▼



1. RRH Rebuild Foams \$34.50

Kit Includes: (1 ea) Microphone Sock, Cloth Ear Covers, Velcro Strap Assembly.

2. RRH Rebuild Gels \$44.50

Kit Includes: (1 ea) Microphone Sock, Cloth Ear Covers, Velcro Strap Assembly.

3. RR-FOAMS-H \$10

Foam Filled Ear Seals.

4. RR-GELS-H \$25

Gel Filled Ear Seals.

5. RR-HEADSTRAP-H \$11.50

Velcro Headset Strap Assembly.

6. RR-MICSOCK-H \$5

Cloth Microphone Cover/Wind Sock.

7. RR-Covers-H \$8

Cloth Ear Seal Covers.

LIGHT WEIGHT HEADSET



▲ RRH17PEL \$488

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.

▲ RRH17PEL2 \$625



LW-DH2 \$225

Dual-Radio belt-station PTT for R-ACE17 Lightweight Racing Headset



RHA-UNI-LW \$105

Single-Radio belt-station PTT for R-ACE17 Lightweight Racing Headset

R-ACE17 from \$275 ▲

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-canceling electric microphone. Racing Radios carries a multitude of adapters to connect this headset to any radio, camera, or intercom.

INTERCOMS

INTERCOM SYSTEM | DSP

PITBX PRO

NEW! PITBX PRO from \$2,799 ▶

The new **Racing Radios® PITBX PRO** 8 Person Intercom provides louder and clearer audio for pit box intercom communication. This versatile pro intercom allows multiple configurations with 2 intercom channels of audio so that groups can be separated with the flip of a switch. The PITBX Pro features 1 or 2 radio inputs, 3.5mm auxiliary input and output ports, and an expansion port to connect an additional intercom or PITBX Pro for up to 16 DSP intercom channels.

Designed for dialing in the perfect mix, the PITBX Pro features external controls for ICS volume, Squelch, and Radio/Aux In volume. Rugged and versatile, the PITBX Pro is the Ultimate Pro Intercom solution for integrating team radio and intercom race communication.

Features:

- 8 Crew Intercom Ports
- 2 Two-Way Radio Ports
- 4 Dedicated Push To Talk Ports
- Digital Signal Processing on each Intercom Port
- Aux In & Mix Out Ports
- Isolation Mode Toggle
- Individual Volume Control for Intercom, VOX, and Radio/Aux
- Link Expansion Port
(Connect an additional PITBX PRO for up to 16 DSP Intercom Channels)
- **Custom Configurations Available**



SXS

INTERCOM



SXS INTERCOM 2P \$129.95 ▲ NEW!

The SxS Racing Radios® 2 Person Intercom is the perfect option for Side by Side set ups, coaches, and students, or anyone who needs uninterrupted communications between driver and passenger.

The Racing Radios SxS Intercom is an affordable yet robustly designed 2-person intercom with superb audio clarity. Perfect for UTV & Side-by-Side Applications.

System Includes:

- SxS Intercom w/ Wired Cables
- Power Adapter Cable

Features:

- Integrated roll bar mounting brackets for easy installation.
- Independent volume controls for driver and co-driver
- Two Hardwired 4/C helmet cables & adapters
- ON/OFF indicator LED
- Powered internally by 4 AA batteries or optionally, hardwired to 12V for permanent installation
- The auxiliary audio output allows for connection to a camera or recorder.

PIXBX PRO ZOOM ADAPTER \$255 ▶ NEW!

The new PITBX-ZOOM adapter is designed to connect a team's Zoom conference (or similar online conference platform) directly through one intercom channel on the PITBX Pro intercom.

With new restrictions on the number of team members in the pit, this adapter will allow as many team members from anywhere in the world access to Pit box race communication.

Features:

Zoom & Conference Connectivity
Audio Laptop/Smartphone
Connectivity*

Connect Intercom to:

Laptop (with audio i/o connector)
Smartphone (with audio i/o connector)

Connections:

5-Pin Intercom Female Connector (15')
Laptop/Smartphone TRRS-Audio Male Cable (5')*

**Internet-capable device and internet connection required. Some platforms & devices may not be compatible. Intercom Not Included.*



◀ 2 PERSON PRO INTERCOM \$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*



▲ RRH-IC-085 \$495

The Behind-the-Head Intercom headset allows for a connection to the intercom on one side (BLUE and RED buttons) and connection to a second, handheld radio on the other side (BLACK button). Pressing the black PTT keys the handheld radio, while simultaneously muting your microphone going to the intercom. Pressing the intercom PTT (BLUE -) button keys the radio connected to the back of the intercom. This headset also comes standard with a latching (RED), microphone-mute button so that you can completely disable your microphone audio going to the intercom.

- Iconic Blue
- Black



▲ RRH-IC-PEL17 \$750

This Over-the-Head Intercom Racing Headset is our premium, pit-cart intercom headset. This headset allows for a connection to the intercom on one side (BLUE and RED buttons) and connection to a second, handheld radio on the other side (BLACK button). Pressing the black PTT keys the handheld radio, while simultaneously muting your microphone going to the intercom. Pressing the intercom PTT (BLUE -) button keys the radio connected to the back of the intercom. This headset also comes standard with a latching (RED), microphone-mute button so that you can completely disable your microphone audio going to the intercom.

CUSTOMS EARPIECES

STANDARD COLORS

TRANSLUCENT

SPARKLE*

GLOW*

*NON-FULL SHELL

Stereo Custom Earpieces
RRIEW19FC01EXT
 Custom molded earpieces with 3.5mm stereo plug. Available in 19" lengths. Variety of colors available.

Mono Custom Earpieces
RRIEW19FC01
 19" Custom molded earpieces with 1/8" mono plug.

TO ORDER CALL
1.800.669.1522

Step 1 - Get Your Ear Impressions

First, we need your ear impressions to create our signature custom fit ear buds. You can do this two ways:

- 1) Visit your Doctor:** (Primary Doctor, Audiologist, ENT, Hearing Aid Specialist) to have an impression made of both ears. Send the molds to our Forest Park location along with your contact information. Once we receive your impressions, We will reach out to you to complete your order.
- 2) Visit our support trailer** at the track for FREE impressions. Check our event schedule to see where we will be this season.

Step 2 - Select Style & Color

Once we have your ear impressions, we will collect additional information to complete your order.

- 1) Choose Earpiece Type:** Choose between Stereo and Mono Earpieces.
- 2) Choose a Color Style** (Four Options Currently Available*)
- 3) Choose Each Earbud's Color:** Many Drivers will choose different colors for each earbud to easily identify between left and right.

Step 3 - Delivery

Once we have your impressions and your order is complete, you will receive your Earpieces within 2-3 weeks.

COACH-2-PLAYER COMPLETE SYSTEMS

Kick off 2021 with the our New Coach To Player System and take your team's game to a whole new level. Coach To Player Systems Solutions are available for any size organization and application Including:

College, High School, Professional, and Private level organizations for all sports including:

Football | Baseball | Softball | Driver Instruction & More...

CALL US FOR MORE INFORMATION.

CUSTOM PACKAGES | 1.800.669.1522



ACCESSORIES

EARPIECE KITS

CE31A/FOAMS \$95
Standard 19" foam earpieces with 1/8" mono plug.

RRIEM19FF01 \$114.99
Standard 19" 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.

RRIEM19SL01 \$169.99
Semi-custom molded earpiece with standard 3.5mm stereo plug. Available in medium and large.

RRIEM-EXT \$25
Extend your driver earpieces or headphones reach with this 32" Stereo Adapter Cable.

RRADAPTER \$8
Driver Audio Adapter Stereo To Mono

RR-EARCASE \$10
Stylish Protective Zipper Case

SURVEILLANCE EARPIECE KITS

PMLN6129A \$125.66
Surveillance kit for Motorola XPR and APX series radios.

RLN4895 \$114
Surveillance kit for Motorola CP200, P1225, BPR40 and other 2-prong style radios.

SWHD-R/L \$100
Upgraded earpiece for surveillance kits.

MOTOROLA BATTERIES

PMNN4493A \$147
XPR series high capacity

HNN9013DR \$75
HT1250/750 Li-ion

NNTN4497 \$80
CP200 Li-ion

PMNN4075AR \$53
BPR-40 Li-ion

PMNN4077 \$85
XPR series Li-ion

PMNN4406 \$66
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.



RECEIVE ONLY ADAPTERS

RDH-950/125-ST \$55
Compatible with Motorola BPR40, CP125, CP200, CP150, PR400, CT250, GP300, P1225 and several other Motorola Radios with the proper adapter.

HKP-TA5/125 \$71
Switchcraft 5-pin female connector to 1/8" mono jack adapter.

RDH-XPR/125-ST \$95
XPR6550 side connector to 1/8" stereo connector.

HELMET REVERSER/ADAPTER CABLES

- 1. RRC-10 \$80** 3/C Female - 4/C Male
- 2. RRC-20 \$80** 4/C Female - 3/C Male
- 3. HEC-10 \$92** 4/C Helmet Extension Coil Cable
- 4. RRC-ST10 \$60** Stilo Helmet - IMSA 4/C adapter
- 5. RRC-ST20 \$60** Stilo Helmet - NASCAR 3/C Adapter
- 6. RRC-30-US \$107.59** 5/C Female - 4/C Male
- 7. RRC-50-ID \$127.86** 4/C Female - 5/C Male

BATTERY CHARGERS

WPLN4212 \$495
XPR Impress charger (non-display)

WPLN4219 \$650
XPR Impress charger (with display)

RLN6393 \$450
BPR40 multi-charger

PMLN6687 \$235
Multi-unit charger SL7550

PMLN6588 \$435
Multi-unit charger CP200D

SCANNERS & HEADSETS



◀ Fan Intercom Starter Package RRH-FAN-INTPKG \$389.95

These intercom headsets allow you to communicate with up to 7 additional tethered headsets 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.

Starter Package Includes:

Bearcat BC-125AT Scanner with Flexible BNC antenna, (2) AA batteries, Belt clip, USB cable.

Two Iconic Blue Racing Radios® RRH-FAN-INT Headsets with (2) Scanner Connector Cables (2) Headset Connector Cables, and (2) 9v Batteries Pre-Installed



Fan Scanner Headset | Behind-the-Head ▲ 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.



Fan Scanner Headset | Over-the-Head ▲ RRH-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. BC125AT \$149.95

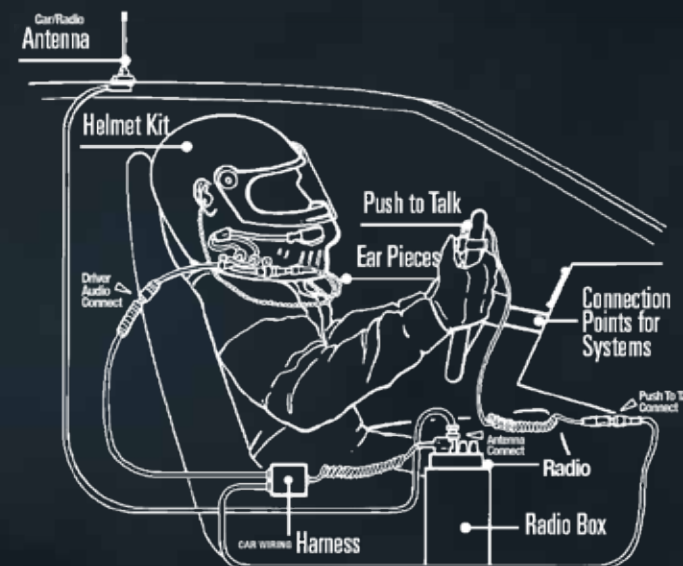
500 channel scanner. PC programmable alpha-numeric display. Priority-scan capable. Easily program and listen to your favorite drivers.

2. RACEceiver LEGEND 1600 \$99.95

High visibility yellow RACEceiver is pre-programmed with 1600 UHF frequencies. 2 Ports Listen to Radio & Scanner. A standard requirement in many race series. *Earpieces not included.

3. RACEceiver Element \$119.95

The RACEceiver Element has the same preprogrammed 1600 UHF channels or frequencies that all RACEceivers. Perfect for use at tracks where the RACEceiver is mandated. Scanner Listen Only. Water Resistant for use in wet environments. Great for many different sports. *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 through-hole 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

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.



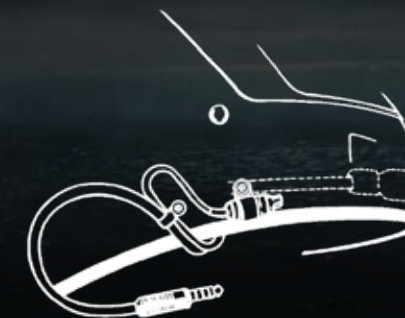
◀ CAR RADIO INSTALLATION

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.



▲ VELCRO TAB INSTALL

VISIT RACINGRADIOS.COM FOR ADDITIONAL GUIDES



PRO GEAR | BUILT TO LAST