

radiosport RS60CF headset

Read Me First!



Stereo/Dual-Watch/Dual-Receive Boom-Mic headset in Carbon Fiber finish

Congratulations on acquisition of your new *radiosport* headset.



Every effort has been made to build simply the best headsets we can for Amateur Radio. In order to enjoy your new headset to the fullest we would like to cover some of the adjustments and features of your radiosport headset.

Fit the headset to your head...

The headset is adjustable and is originally set for a small head to provide a comfortable fit for even young teenager Amateur Radio Operator or Shortwave Listener. To have the most comfortable fit you may want to spread the headband by pulling the headphone ear cups outward to stretch the band's loop. Stretch it just enough so there is not too much pressure on the sides of your head, but enough to seal the ear cushions around your ears so you enjoy the benefits of noise reduction and so that they won't slip off during normal head movement. If you go too far, no problem, simply push the headphone ear cups back together slipping one cup past the other if needed to narrow the spread.

The stainless steel band is very sturdy and the Thumb-Adjust nuts that retain the slider can be loosened and tightened to position the cups over your ears.

How you wear them makes the difference in comfort...

Always set the headband over the center of your ears or slightly forward for the best balance and comfort. If you wear the headset too far back you will feel weight placed on your neck. Proper balance means not feeling the headset weight. If you get used to this simple adjustment when putting on your headset you will find them very light and comfortable.

deluxe "dream" edition...

The RS60CF now comes standard with all of our comfort options including Gel Ear Cushions, Cloth Ear Covers and our new Soft Pillow-Top headband cover for the most comfortable fit. Our Gel Ear Cushions provide the maximum in comfort even for operators wearing glasses. The Cloth Covers reduce perspiration in hot humid climates or when wearing in weekend long contests. The new Soft Pillow-Top headband cover helps distribute the headset weight over a much larger area. (Outdoors in humid summer climates try our cool Foam-filled Ear Cushions – perfect for Field Day!)

Other features...

The RS60CF headset is equipped standard with a PTT Button (the Red Button) on the Left Ear Cup. Like all Professional Communications Headsets this is a momentary PTT button for occasional use when you're not using VOX or move away from the operating position and your external Hand/Desk PTT or Foot PTT Switch. This is the same 1,000,000 cycle switch used on quality Professional Communications Headsets and requires approximately 8 Nm of force to operate.

You will also find standard on each RS60CF headset a 3.5mm Stereo Jack on the Right Ear Cup. This jack can serve several uses. For example you can connect the audio output of your 2 Meter rig so you can hear the local gang talk about new DX while you're tuning the bands. This is a stereo jack so you can chose which ear you want to hear by selecting the Tip or Ring connection. In a contest, another operator logging can plug our RS20S headset in this jack and hear what you hear. You can also use it as a Listen-Only headset by plugging in our optional Stereo Headset cable.

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Radio Interface...

Due to the wide array of radio interfaces for modern amateur radio gear the Headset-To-Radio cable is sold separately. The left ear cup has a Switchcraft miniXLR headset port, similar to the industry standard 5-Pin miniXLR on professional communications headsets except these have a 6th pin for the second Audio Channel. While nearly every desktop HF radio made for the past twenty years supports Stereo Audio output, this is very important for modern high-end Dual-Watch/Dual-Receive transceivers. You may use the same headset with multiple radios or a new radio acquired in the future by ordering an appropriate Headset-To-Radio cable, by simply releasing the locking miniXLR interface plug and swapping for another Headset-to-Radio cable.

About our Headset-To-Radio cables...

Our Headset-To-Radio cables are supplied with a standard 3.5mm headphone plug wired to industry standard stereo pin out. A quality 3.5mm to 1/4" adapter is supplied that provides a secure and compact interface to your radio. If you wish to plug the 3.5mm headphone plug into a Monaural radio audio output as on some small mobile rigs, then slide the Mono/Stereo Switch on the Cable 'Y' from STEREO to MONO so that you will hear audio in both headphone drivers.

The Microphone interface will depend on the particular radio it will be attached to. Most popular among Microphone interface plugs are of course the Foster 8-Pin Mic connector, the RJ-45 8-Pin interface, and the standard XLR Mic interface plug for use with radios like the Yaesu FTDX-9000 front panel XLR Mic jack and Flex 6000 Series rear panel interface. We also offer the Headset-To-Radio cable with a Foster 4-Pin Mic connector for TenTec Omni (including early Omni, Corsair, Paragon and V/VI/VI-Plus radios) and Orion I (Balanced Mic input) as well as 4-Pin Foster Mic connector for other HF Amateur Radio gear using either low impedance Dynamic or Electret Condenser Mics.

All radiosport Headset-To-Radio cables utilize Kevlar reinforced 26Ga low capacitance wires with Teflon insulation and a rugged outer jacket able to stand up to years of use. Microphone wiring is via balanced wiring from the Mic to the Mic connector. The radio then determines whether the Mic interface is to be balanced or unbalanced. The Microphone wiring shield is attached only to the shell of the Microphone connector (when it is a metal connector) and is isolated from the Headphone common lead (sleeve of the headphone plug) as modern radios have small chokes that protect sensitive circuits inside the radio on all wiring internally and therefore each connector may be at a different RF potential. Care for how shields are connected to the radio prevents RFI problems.

Optional accessories...

We offer a few accessories for use with the RS60CF headset including a rugged Foot Operated PTT Switch with the same Kevlar reinforced wires with Teflon insulation and terminated in a (back to the future) RCA Phono Plug. We also offer a Hand Operated PTT Switch equipped with both a Momentary PTT button and a Push-On/Push-Off PTT button. A supplied Velcro Mounting pad allows temporary fixing to the desk top for convenience.

While most modern HF desktop radios have returned to using an RCA Phono jack on the rear panel for attaching an external PTT Switch some modern rigs still are using a DIN Accessory connector for external PTT Attachment. For those rigs we have an adapter from the 5-Pin (TenTec) 7-Pin (ICOM & Kenwood) or 13-Pin DIN (HF/50 and VHF/UHF PTT are typically separated on the 13-Pin interface so these adapters have 2 RCA Phono jacks) for ICOM radios. An additional 13-Pin DIN Accessory connector is also available on most late model Kenwood HF Desktop radios including the new TS-990S.

Be aware there are yet a few very small rigs with no provision for a rear panel PTT interface. Ask about our SPEC Headset-To-Radio cables.

Care...

The Carbon Fiber finish can be polished and waxed just like the paint on your car to keep it looking new. The Cloth Covers are washable and replacement or spares are inexpensive.

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