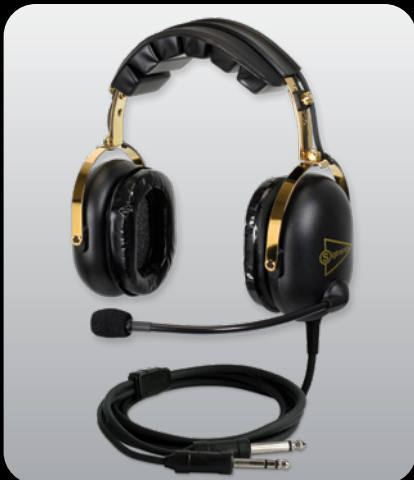




AVIATION PRODUCTS



Headsets



Intercoms



Accessories

American Quality — that is what Sigtronics was founded on over 50 years ago. Sigtronics pioneered the voice activated intercom market in 1974 and continues this commitment to produce the highest quality communication products in the USA. All design, assembly, and quality control is done at our facility in San Dimas, California. This allows us to maintain our high quality standards and fast customer response. Our in-house capabilities include injection molding, cable assembly, pad printing, microphone manufacturing, and machine shop. We can custom engineer intercom and headset systems for any requirement.

Customer Service

Quality and customer service are first at Sigtronics. Technicians are available to answer your questions about our products, from our standard headsets and intercoms to custom made systems. With over 50 years of experience, Sigtronics has the solutions for your problems.

Sigtronics.com

The Sigtronics web site at www.sigtronics.com contains operating, installation and modification instructions for all Sigtronics products. Instructions for current and discontinued units are available allowing instant access to the information you need. You may also contact a technician with your technical needs via E-mail at tech@sigtronics.com and will receive a response in one business day. Sigtronics strives to provide you with the best solutions quickly.

At Sigtronics we not only make headsets and intercoms, we use them in flight. Pilots are part of our management, engineering, and manufacturing staff. We are happy to answer your questions and discuss your special requirements.

Communication in high noise environments, such as a homebuilt aircraft or warbird, requires an intercom and headset microphone engineered for this environment. All Sigtronics intercoms and headsets are available in high noise models.

N Series Intercoms

The N series panel mount and portable intercoms are designed to work in very high noise environments and have been extensively tested in a North American T-28. Our N series intercoms have a push to intercom feature that is very useful for open cockpit aircraft or helicopters where an observer may lean out and place his head in the downwash of the rotor. With this feature, the squelch control is turned full counter clockwise which disables the squelch. By depressing a push to intercom switch the squelch is then opened allowing intercom communication. Once the squelch is reset, the voice activated squelch will operate normally.

H Series Microphones

Our M-80, M-80H, M-81 and M-81H microphones have been developed specifically for use in high noise aircraft. These microphones have a narrow bandwidth to carry voice frequencies and the proper gain for use in extremely demanding environments.

From Ultralights to Helicopters to Warbirds, with Sigtronics you will have *Clear Communication Every Time.*

Phone: Monday through Friday, 8:00 a.m. to 4:30 p.m. Pacific Time
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Technical Support: tech@sigtronics.com

Web Site: www.sigtronics.com

S-AR Active Noise Reduction

- Up to 19 dB of active noise reduction in addition to its superior passive qualities
- Power - One 9 volt battery
- Stereo / Mono Switch
- Full 3 Year Warranty
- Custom Headset Bag
- Only 17 ounces

When we set out to make a great active noise reduction headset, we were determined not to compromise on its excellent passive qualities. The comfort, noise reduction, and quality construction that is the standard of excellence of our passive headsets is the foundation of our S-AR active noise reduction headset.

Comfort and Performance

From the moment you put the headset on you'll notice the quiet difference of Sigtronics quality. The S-AR headset protects your hearing whether it is switched on or off. With the S-AR switched on you will hear a major reduction in low frequency noise. Radio transmissions will sound strong and clear with the S-AR headset. Our "ultra-deep" gel ear seals are comfortable, durable and provide a positive seal over eyeglasses. The custom-flex M-81 Series boom permits perfect mic placement. Non-glare powder-coated hardware and the "ultra-foam" windscreen are attractive and functional. Our high-noise canceling electret microphone guarantees crisp, clear communications every time.



S-58 Headset

The S-58 headset — flagship of our innovative 8 Series flex boom headsets that are unequaled in performance, comfort, and features by any other passive headsets.

Looks and Performance

A tough powder coated frame, and blue textured ear cups make the S-58 is a great looking headset that performs. With comfortable long lasting gel ear seals, high noise environment microphone with easy adjust flex boom, Sigtronics' high flex cord, and RFI / EMI immune electronics, the S-58 a headset will be a pleasure to fly with for years.

Large / Child Sized Headband

Large or small (child sized) headbands may be ordered with all S-58 series headsets. Included with all S-58 series headsets are a lapel cable clip, microphone windscreen, ultra soft air foam pillow head pad, and a custom headset bag.

S-58H Helicopter and S-58S Stereo Headsets

S-58 series headsets are available in a monaural helicopter version with a coiled cable and single U-174/U plug. A stereo version is available for true high fidelity sound with dual volume controls, and a stereo / mono switch.



Feature	Weight, Foam Ear Seals	Weight, Gel Ear Seals	Mic Boom Type	Microphone Type	Ear Seals Standard	Ear Seals Optional	Main Cable Plug	Headpad Type
S-AR	N / A	17 oz.	Custom Flex	M-81 Electret	Ultra-Deep Gel	N / A	Dual Aviation	8 Series Air Pillow
S-ARH	N / A	17 oz.	Custom Flex	M-81H Electret	Ultra-Deep Gel	N / A	U-174/U	8 Series Air Pillow
S-58	11.9 oz.	14.1 oz.	Custom Flex	M-81 Electret	Gel	Comfort Foam	Dual Aviation	8 Series Air Pillow
S-58H	11.9 oz.	14.1 oz.	Custom Flex	M-81H Electret	Gel	Comfort Foam	U-174/U	8 Series Air Pillow
S-58S	13.0 oz.	15.1 oz.	Custom Flex	M-81 Electret	Gel	Comfort Foam	Dual Aviation	8 Series Air Pillow

S-20 Headset

You need a headset if “say again” has become a part of nearly every radio transmission. The S-20 is a great entry-level headset and the value leader in the Sigtronics headset line. The S-20 doesn’t compromise on quality and we don’t expect you to either, with one of the lightest and quietest headsets in existence. The S-20 incorporates the M-80 microphone, designed specifically for use in high noise environments with its excellent noise canceling properties. The microphone gain is set to operate over a wider range of aircraft radios, even handheld radios – the ultimate test. With a light 12.4 oz. weight and 3 year warranty, the S-20 is a first headset that will last.

Large / Child Sized Headband

S-20 headsets have a medium sized headband. As an option, a large or small (child sized) headband may be ordered with your headset.



S-45 Headset

Designed to excel in the noisiest of environments, the S-45 works great in experimental, ultralights, war-birds, helicopters and other high noise aircraft. The S-45 combines our noise canceling M-80 electret microphone with many of the great features of our top-of-the-line S-58 headset series including gel filled ear seals and ultra soft air pillow headband — all at just 14.4 oz. The S-45 headset may be ordered with a large or small (child sized) headband and carries a 5 year warranty.

S-45S Stereo Headsets

The S-45S Stereo headset will deliver true high fidelity sound and offers the same great features as above in addition to dual volume controls, stereo receivers and integrated stereo / mono switch.

S-45H Helicopter Headset

The same comfort and dependability built into our fixed-wing version is available in a monaural helicopter version with a coiled cable and single U-174/U plug.

S-68 Headset

The gold titanium plated hardware and textured matte finish high performance black ear cups make the S-68 a great looking headset. The extra-comfort gel ear seals, gentle tension headband, and light 14.1 ounce weight make the S-68 a comfortable headset—even on the longest flights.

Performance to Match

The S-68 equals its great looks with all the same high performance features of our S-58 series headsets—high noise eliminator mic, wide range adjustable volume control, and a full 5 year warranty. A custom headset bag is included with all S-68 headsets.

S-68H Helicopter and S-68S Stereo Headsets

S-68 series headsets are available in monaural helicopter and stereo versions. Large or small (child sized) headbands may be ordered as an option with all Sigtronics headsets.



Feature	Weight, Foam Ear Seals	Weight, Gel Ear Seals	Mic Boom Type	Microphone Type	Ear Seals Standard	Ear Seals Optional	Main Cable Plug	Headpad Type
S-20	12.4 oz.	14.5 oz.	Articulating	M-80 Electret	Comfort Foam	Gel	Dual Aviation	Comfort Foam
S-45	12.2 oz.	14.4 oz.	Fully Articulating	M-80 Electret	Gel	Comfort Foam	Dual Aviation	Air Pillow
S-45H	12.2 oz.	14.4 oz.	Fully Articulating	M-80H Electret	Gel	Comfort Foam	U-174/U	Air Pillow
S-45S	13.3 oz.	15.4 oz.	Fully Articulating	M-80 Electret	Gel	Comfort Foam	Dual Aviation	Air Pillow
S-68	11.9 oz.	14.1 oz.	Custom Flex	M-81 Electret	Gel	Comfort Foam	Dual Aviation	8 Series Air Pillow
S-68H	11.9 oz.	14.1 oz.	Custom Flex	M-81H Electret	Gel	Comfort Foam	U-174/U	8 Series Air Pillow
S-68S	13.0 oz.	15.1 oz.	Custom Flex	M-81 Electret	Gel	Comfort Foam	Dual Aviation	8 Series Air Pillow

Stereo Panel Mount Pilot Isolate Intercom

SCI-S4 / SCI-S6 Four and Six Place Intercoms

- Dual Volume / Squelch Controls
- Dual Squelch Indicator Lights
- FAA TSO Approved
- Full 5 Year Warranty



Dual Everything! The Sigtronics four and six place SCI-S Series intercoms are voice activated stereo Intercoms with dual volume, squelch, and three modes of operation: All, ISO, and Crew.

Dual Music Inputs

Pilot / Copilot and passengers can choose their own music and have it automatically muted with incoming radio traffic or when the intercom is used. With the dual volume controls, you adjust both front and back seat volumes from one position. We've also added the extra volume you wanted. The dual squelch controls let you set the squelch of the front and back seats, and with dual squelch indicator lights you know instantly which position to adjust — no more guess work.



Pilot / Crew Isolate

Use pilot isolate (ISO) to allow the pilot alone to talk to ATC, and crew isolate (Crew) to talk to your copilot while your passengers enjoy their own conversation or music. Use the All switch position to allow everyone to talk together. And like all Sigtronics intercoms, the SCI-S Series has our exclusive fail-safe feature. By placing the intercom in the ISO mode of operation, the pilot's microphone and headphone are routed directly to the aircraft radios.

Small Size

You will only need a 1" by 2.5" panel space for this powerful intercom that can be mounted either horizontally or vertically. By using your existing SPA interface cable and just one of the SCI wiring harnesses for music inputs and headphone outputs, the SCI-S is designed to make

upgrading from a SPA-400 / SPA-600 easy with a minimum of rewiring. All hardware including new stereo headphone jacks are supplied with this easy to install intercom.

RFI and EMI Immune

We engineer all of our products the right way to prevent RFI and EMI interference, so no need for expensive shielded cable. SCI FAA TSO approved series intercoms carry a 5 year parts and labor warranty.

Panel Mount Pilot Isolate Intercom

SCI-4 / SCI-6 Four and Six Place Intercoms

All the features of our stereo pilot isolate series in an FAA TSO approved intercom only (no music capability) package. The SCI-4 four place, and SCI-6 six place offer dual volume and squelch, three modes of operation: All, ISO, Crew. Only a minimum of rewiring is required to upgrade from a SPA-400 / SPA-600. The SCI Series intercoms are constructed of high quality components and carry a 5 year parts and labor warranty.



Feature	Stereo In	Dual Stereo	Stereo Upgrade	Headset Positions	Pilot Isolate	Crew Isolate	High Noise Model	Squelch Indicator Light	Size H x W x D	Weight
SCI-S4	Yes	Yes	N / A	4	Yes	Yes	Optional	Yes	1 x 2.5 x 6	7.3 oz.
SCI-S6	Yes	Yes	N / A	6	Yes	Yes	Optional	Yes	1 x 2.5 x 6	7.5 oz.
SCI-4	No	No	No	4	Yes	Yes	Optional	Yes	1 x 2.5 x 6	6.7 oz.
SCI-6	No	No	No	6	Yes	Yes	Optional	Yes	1 x 2.5 x 6	7.5 oz.

Stereo Panel Mount Intercom

SPA-4S Two or Four Place Intercom

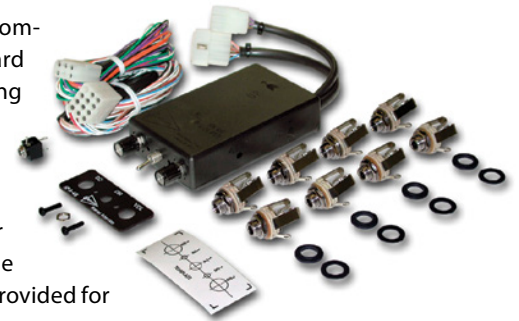
- Stereo or Monaural Operation
- Voice Activated Squelch
- Full 5 Year Warranty
- FAA TSO Approved
- Fail-Safe Design



The SPA-4S is a 2 to 4 place voice activated intercom with inputs for stereo music. It is a compact system that allows it to fit in space critical panels. The SPA-4S uses the industry standard Sigtronics squelch, fast on slow off for hands free communication. The music will full mute during ATC communication and partial mute during intercom communication.

Easy Upgrade

Each intercom comes complete with all necessary mounting hardware, jacks, and two 4-foot pre-wired harnesses. The SPA-4S only requires 1" X 2.5" of panel space, mounts horizontal or vertically, is 4" deep, and weights 5.5 oz. The SPA-4S intercom can easily upgrade a SPA-400. The SPA-4S uses the same panel hole pattern and interface cable as the SPA-400. A second cable is provided for the music inputs and headphone outputs.



High Noise Version

The FAA TSO approved SPA-4SN is available for high noise homebuilt aircraft and helicopters. As with all of Sigtronics' products, the SPA-4S / SPA-4SN are RFI and EMI immune. The SPA-4S / SPA-4SN intercoms are constructed of high quality components and carry a five-year parts and labor warranty. The SPA-4S intercom series will operate on an input power of 11 VDC through 32 VDC. Maximum current drain 0.10 Amps.

Panel Mount Intercom

SPA-400 / SPA-600 Four and Six Place Intercoms

Sigtronics pioneered voice activated intercoms and we continue to deliver value and performance today in the 4 or 6 place FAA TSO approved SPA-400 / SPA-600 intercom series. With fail safe features that allow pilots to always hear the radio even if the intercom is off, and radio priority that assures ATC only hears the crew member transmitting, the SPA intercom series is the standard by which all others are judged.



Compact Size

Choose either a rectangular (horizontal or vertical) or circular faceplate mounting configuration to fit anywhere in the cockpit. With a compact size and weight, the SPA systems will easily fit in the tightest panels. All installation hardware including jack kit and pre-wired harness are included.

High Noise Intercom SPA-400N / SPA-600N

The SPA-400N / SPA-600N FAA TSO approved High Noise Environment Series is designed specifically for experimental, ultralights, warbirds, helicopters, and other high noise aircraft. Push to intercom as well as voice activated intercom is available as desired. Tested at ambient noise levels of between 115-120 decibels, the SPA-400N / SPA-600N outperformed all other intercoms on the market, panel mounted as well as portable.

RES-401 / RES-601 Stereo Retrofit System

Add full stereo capability and crew isolate to your existing SPA-400 / SPA-600 intercom installation with our RES-401 / RES-601 stereo retrofit system. The RES system does not require removal of the existing intercom installation.

RES-401 Stereo conversion for a 4 place SPA-400 Intercom

RES-601 Stereo conversion for a 6 place SPA-600 Intercom

Feature	Stereo In	Dual Stereo	Stereo Upgrade	Headset Positions	Pilot Isolate	Crew Isolate	High Noise Model	Squelch Indicator Light	Size H x W x D	Weight
SPA-4S	Yes	No	N / A	4	No	No	Optional	No	1 x 2.5 x 4	5.5 oz.
SPA-400	Upgrade Available	No	RES-401	4	No	No	Optional	No	1 x 2.5 x 4	4.5 oz.
SPA-600	Upgrade Available	No	RES-601	6	No	No	Optional	No	1 x 2.5 x 4	4.5 oz.

Sport Aircraft Panel Mount Intercom

Sport 200 and Sport 200 S Two Place Intercoms

- **Designed for Light-Sport Category Aircraft**
- **Voice Activated and Push to Intercom Modes**
- **Fail safe feature allows the pilot to always hear the radios**
- **Full 5 Year Warranty**



Optimized for the High Noise Environment, our two place Sport 200 and Sport 200 S Intercoms are designed specifically for Light-Sport, Ultralight and Rotary Wing aircraft. Tested at ambient noise levels of up to 120 decibels, our Sport series intercoms will outperform all other intercoms on the market. Thanks to their small size only a 1" by 2.5" panel space will be needed. For even more convenience, you can mount the intercoms horizontally or vertically. All hardware including headphone and microphone jacks are included with these easy to install intercoms.

Dual Mode Operation

Two modes of operation, voice activated squelch and push to intercom — perfect for open cockpit aircraft, give the Sport 200 intercoms maximum flexibility and performance. To this we added special internal circuitry to optimize the intercoms for the most demanding high noise environments.

Stereo Music

If you like to listen to music when you fly, then the Sport 200 S Stereo is for you. Use Satellite Radio, MP3 or CD players as your audio source with stereo headsets for true stereo sound. With full or partial music muting for intercom and full mute for radio reception and transmission, you will be able to enjoy your music and never miss a radio call. When radio / intercom use is ended the music will gradually return to its previous volume.

Dual Audio Bus Stereo Panel Mount Intercom

SDB-Kit Two to Eight Place Intercom

- **Multiple Audio Panel Operation with Voice Activated Intercom**
- **FAA TSO Approved**
- **Full 5 Year Warranty**



The SDB intercom system keeps multiple audio panel operations separate, yet allows voice activated intercom communication between headset positions. The pilot and copilot can operate separate radio systems and have the convenience of voice activated communication simultaneously.

Compact and Lightweight

The SDB-K system consists of two SPA-4Si intercoms (with the option of adding up to 4 more SPA-4Si units) each with their own operating controls and radio interface. Interconnect lines allows communication and music between the units while keeping VHF audio systems separate. All hardware needed for installation, including pre-wired harness and jack kit are included. Each unit is only 4" x 2.5" x 1" in size and weighs 5.5 oz. for the chassis, and 7.0 oz. for jacks and wiring harness. The SDB-KH system consists of two SPA-4SiH intercoms and is for use in a high noise environment.

Stereo Music

Each SPA-4Si unit has its own music input or use one music source for the whole system. Use Satellite Radio, MP3 or CD players as your audio source with stereo headsets for great sound.

Feature	Stereo In	Dual Stereo	Stereo Upgrade	Headset Positions	Pilot Isolate	Crew Isolate	High Noise Model	Squelch Indicator Light	Size H x W x D	Weight
Sport 200	No	No	No	2	No	No	Standard	No	1 x 2.5 x 4	4.5 oz.
Sport 200 S	Yes	No	N / A	2	No	No	Standard	No	1 x 2.5 x 4	5.5 oz.
SDB-K	Yes	Standard	N / A	2 – 8	No	No	N / A	No	2 of 1 x 2.5 x 4	11 oz.
SDB-KH	Yes	Standard	N / A	2 – 8	No	No	Standard	No	2 of 1 x 2.5 x 4	11 oz.

Transcom III Portable Stereo Intercoms

SPO Two, Four, and Six Place Intercoms

- Make and receive cell phone calls through the intercom
- Music input for Cell Phone or MP3 player
- Includes a cell phone/music input cable and a cable for DC aircraft power
- Works with stereo or monaural headsets
- Operates on battery or aircraft power
- Available in Standard and High Noise Environment versions (N models)
- 5 Year Warranty



SPO-23 Portable 2 Place Intercom

Stereo music in a battery powered intercom? Cell phone through your headset? The Transcom III is the answer.

Auxiliary Audio

Input from a portable stereo music source or a cell phone for music and phone calls. Included Aux cable can be used for either purpose. Just plug one end into your device and the other into the Transcom III AUX jack.

Battery Or Aircraft Power

The Transcom III is powered by an internal 9 volt battery enabling up to 13 hours of operation in airplanes without a cigarette lighter socket. An auxiliary 4 foot power cable with *LED Power Indicator* is supplied for use in airplanes which have a socket.

Voice Activated

The voice activation feature allows "hands-free" communication between all headsets plugged into the Transcom III. Start speaking and the intercom instantly turns on (no clipping) to relay your message clearly to the other headsets; stop talking and it turns off to reduce background noise.



SPO-43 Portable 4 Place Intercom



SPO-63 Portable 6 Place Intercom

Transmit

Use your portable push-to-talk switch for transmitting to air traffic control. Transmitting can be accomplished from two positions (pilot and copilot). During transmit the intercom function is automatically disabled, so that only the voice of the person transmitting goes over the air. However, the transmitting person's voice is heard at all headset positions via the intercoms side-tone output. This feature is especially valuable to the instructor and the student who wish to monitor each other's transmissions.

Fail Safe Radio Communications

Even with the intercom "OFF", the pilot can hear all radio communications and can transmit through the aircraft radio using the headset boom mic.

Warranty

The Transcom III is constructed of high quality components, and carries a five year parts and labor warranty.

Transcom III Models

Intercoms are available in Standard and High Noise Environment versions (N models).

Feature	Model	Headset Positions	Music In	Audio Output	9-volt Batteries	Aircraft Power	Size H x W x D	Weight	Warranty
SPO-23	Standard	2	Stereo	Stereo / Monaural	1	11-34 Volt DC	2.9 x 4 x 2	13.8 oz.	5 Years
SPO-23N	High Noise	2	Stereo	Stereo / Monaural	1	11-34 Volt DC	2.9 x 4 x 2	13.8 oz.	5 Years
SPO-43	Standard	4	Stereo	Stereo / Monaural	2	11-34 Volt DC	2 of 2.9 x 4 x 2	23.1 oz.	5 Years
SPO-43N	High Noise	4	Stereo	Stereo / Monaural	2	11-34 Volt DC	2 of 2.9 x 4 x 2	23.1 oz.	5 Years
SPO-63	Standard	6	Stereo	Stereo / Monaural	3	11-34 Volt DC	3 of 2.9 x 4 x 2	32.5 oz.	5 Years
SPO-63N	High Noise	6	Stereo	Stereo / Monaural	3	11-34 Volt DC	3 of 2.9 x 4 x 2	32.5 oz.	5 Years

Transcom II Portable Intercoms

SPO Two, Four, Six, Eight, and Ten Place Intercoms

- Fail safe feature allows the pilot to always hear radios
- Seamless operation on either 9-volt battery or DC aircraft power
- Radio priority assures that ATC hears only the crew member transmitting

2 Place, 4 Place, 6 Place, 8 Place and 10 Place

The Transcom II is available in 2, 4, 6, 8, and 10 place versions with the addition of one or more remote expansion modules (accommodating two passengers each), which are connected to the main unit by a 4 foot cord. This allows the backseat passengers to have their own units and connection points, and helps keep cord entanglements to a minimum. The Transcom II is available in a High Noise Environment version.



SPO-22 Portable 2 Place Intercom

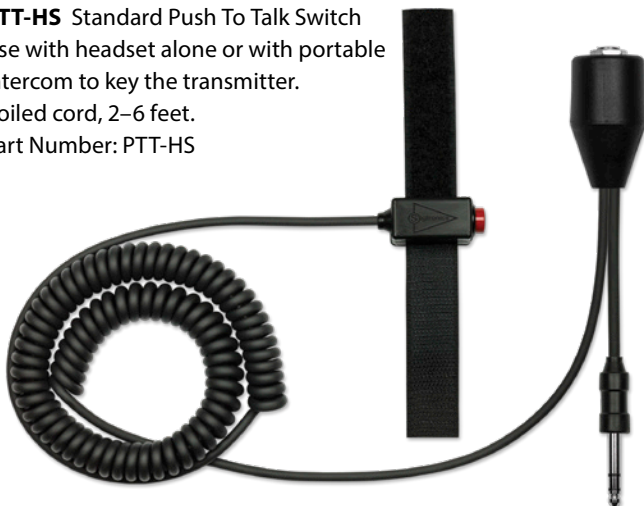
Feature	Model	Headset Positions	Music In	Audio Output	9-volt Batteries	Aircraft Power	Size H x W x D	Weight	Warranty
SPO-22	Standard	2	Monaural	Standard	1	11-34 Volt DC	2.9 x 4 x 2	14.0 oz.	5 Years
SPO-22N	High Noise	2	Monaural	Standard	1	11-34 Volt DC	2.9 x 4 x 2	14.0 oz.	5 Years
SPO-42	Standard	4	Monaural	Standard	2	11-34 Volt DC	2 of 2.9 x 4 x 2	20.4 oz.	5 Years
SPO-42N	High Noise	4	Monaural	Standard	2	11-34 Volt DC	2 of 2.9 x 4 x 2	20.4 oz.	5 Years
SPO-62	Standard	6	Monaural	Standard	3	11-34 Volt DC	3 of 2.9 x 4 x 2	28.8 oz.	5 Years
SPO-62N	High Noise	6	Monaural	Standard	3	11-34 Volt DC	3 of 2.9 x 4 x 2	28.8 oz.	5 Years
SPO-82	Standard	8	Monaural	Standard	4	11-34 Volt DC	4 of 2.9 x 4 x 2	36.2 oz.	5 Years
SPO-102	Standard	10	Monaural	Standard	5	11-34 Volt DC	5 of 2.9 x 4 x 2	43.6 oz.	5 Years

Push To Talk (PTT) Switch

Portable PTT switches for use with Headsets and Intercoms

Simple installation, attaches to the control yoke with a hook and loop strap. Compatible with General Aviation headsets (PTT-HS type). Coiled cord extends to 6 feet. Use with our SPO and SPCC portable intercoms.

PTT-HS Standard Push To Talk Switch
 Use with headset alone or with portable intercom to key the transmitter.
 Coiled cord, 2–6 feet.
 Part Number: PTT-HS



PTT-ICS Intercom Push To Talk Switch
 Use with headset and a portable intercom.
Note: Cannot be used with headset alone.
 Coiled cord, 2–6 feet.
 Part Number: PTT-ICS



Portable Communication Controller

Multiple Radio Communication and Control plus Intercom

- **Fail safe feature that allows the pilot to always hear aircraft radios - even if the intercom is off**
- **Includes DC power cable for 11-34 Volt DC aircraft power**
- **Push to Talk Switch inputs for both pilot and observer**

The SPCC series is great for airborne law enforcement, medevac / air ambulance, TV news, fire, forestry, civil air patrol, and traffic report applications. The SPCC series controls police and fire bands, ham radios, CB, flight phones, hand held aircraft radios, marine radios, all at the same time in a **completely portable package**.

Configurations To Fit The Mission

Standard configuration supports two headset positions.

SPCC-2 series controls two radios: 1 aviation communications radio and 1 additional radio of any type.

SPCC-3 series controls three radios: 1 aviation communications radio and 2 additional radios of any type.

SPCC-2 + 2 and SPCC-3 + 2 support up to four headset positions.

SPCC-2 + 2T and SPCC-3 + 2T offer four headset positions and allow backseat passengers to transmit over observer's radio.



Feature	Aviation Radio	Additional Radios	Transmit Positions	Headset Positions	Pilot Isolate	Crew Isolate	High Noise Model	Size H x W x D	Weight
SPCC-2	1	1	2	2	Yes	Yes	Optional	3.75 x 6.25 x 2.5	22.0 oz.
SPCC-2+2	1	1	2	4	Yes	Yes	Optional	3.75 x 6.25 x 2.5	22.0 oz.
SPCC-2+2T	1	1	4	4	Yes	Yes	Optional	3.75 x 6.25 x 2.5	22.0 oz.
SPCC-3	1	2	2	2	Yes	Yes	Optional	3.75 x 6.25 x 2.5	24.0 oz.
SPCC-3+2	1	2	2	4	Yes	Yes	Optional	3.75 x 6.25 x 2.5	24.0 oz.
SPCC-3+2T	1	2	4	4	Yes	Yes	Optional	3.75 x 6.25 x 2.5	24.0 oz.
Note:	All SPCC Controllers may be custom ordered for 6 headset positions. Contact Sigtronics Technical Support for information.								

HT1 Headset Tester

Portable Battery Powered Headset Testing Unit

- **Test one or two headsets.**
- **Operates on one 9-volt battery (included)**
- **Built-In Push to Test Switch**

Our Headset Tester will accommodate two headsets and includes a built-in Push-To-Test switch. With this unit you may test one headset alone or two headsets together. Simply plug one or two headsets into the tester. Then place the headset on your head and press the Push-To-Test switch. This will power the headphone and microphone circuits. If a complete path of electric current exists, you will hear your voice in the headphones when you speak into the microphone. If testing two headsets, you and the person wearing the other headset will be able to hear each other.

To test Helicopter headsets, use the HT1 with our P/N 900051 adapter cable to convert the U-174/U or U-93A/U plug to general aviation headphone and microphone plugs.

This self-contained unit comes complete with one 9-volt battery, all in a strong, lightweight case.



Parts and Accessories • Intercom • Headset • Cables

Part # Intercom Accessories

100043	Auxiliary Power Cable (portable ICS) For SPO-22, -42, -62, -82, and -102 portable intercoms. 4 feet straight cord.
800069	SPO Intercom Satellite End replacement module. For SPO-42, -62, -82, and -102 units.
800070	SPO Intercom Satellite Middle replacement module. For SPO-62, -82, and -102 units.
900068	SPA Faceplate (2¼" round) Adapts SPA-400 and SPA-600 Intercoms to standard 2¼" round instrument holes.
900090	SCI Faceplate (2¼" round) Adapts SCI Intercoms to standard 2¼" round instrument holes.
900117	Sport 200 and 200S Faceplate (2 ¼" round) Adapts Sport 200 and 200S Intercoms to standard 2¼" round instrument holes.

Part # Dual "Y" Adapter Cables

900056	Microphone. Connects two headset microphone jacks to one aircraft microphone jack, 56 inches long.
900057	Headphone, Monaural. Connects two headphone jacks to one aircraft radio headphone jack, 56 inches long.
900058	Headphone, Stereo. Connects two stereo headphone jacks to one stereo headphone jack, 56 inches long.

Part # Headset Accessories

100369	Foam Ear Cushions. Will fit all current Sigtronics headsets. Standard on S-20 headsets.
100402	Gel Ear Seals. Will fit all current Sigtronics headsets. Standard on S-8, S-18, S-45, S-58, and S-68 headsets.
100686	Ultra-Deep Gel Ear Seals. Will fit all current Sigtronics headsets. Standard on our S-AR and S-ARH headsets.
100610	Headset Cushion. Replacement Ultra Soft air pillow headband pad. Can be used with all standard and large size headbands.
800003	Microphone Adapter Cable. Use with M-80 mic when converting David Clark H10-30 dynamic mic to electret type.
100250	M-87 Style Dynamic Microphone. 150 ohm microphone.
800082	M-80 Electret Microphone. Standard S-20 and S-45 headset microphone.
M-80H	Helicopter Electret Microphone. Standard helicopter headset microphone.
900084	Microphone Muff / Windscreen. Fits our M-80 and M-80H microphones. Fits most electret type microphones.
900111	Windscreen for our Flex Boom M-81 Series Microphones.
100593	Heavy Duty Microphone Windscreen. Fits our M-80 and M-80H microphones. Fits most electret type microphones.
700066	Headset Bag. Will fit all current Sigtronics headsets.
100257	Large Chrome Headband. Replacement chrome headband for our standard size headbands.
100618	Youth Chrome Headband. Replacement chrome headband for our standard size headbands.
100613	Large Black Headband. Replacement black headband for our standard size headbands.
100672	Youth Black Headband. Replacement black headband for our standard size headbands.

Part # Headset Adapter Cables * (See page 12 for Military Headset / Helmet Adapters)

900050	Converts general aviation headphone and microphone plugs to U-174/U plug, 18 inches long.
900051	Converts U-174/U or U-93A/U plug to general aviation headphone and microphone plugs, 18 inches long.
900052	Converts U-174/U or U-93A/U plug to general aviation headphone and microphone plugs, 3-6 foot coiled cord.
900062	Converts U-75/U to general aviation headphone and microphone plugs, 18 inches long.
900063	Converts U-75/U plug to U-174/U plug, 18 inches long.
900064	Converts general aviation headphone and microphone plugs to U-75/U plug, 18 inches long.
900065	Converts U-174/U or U-93A/U plug to U-75/U plug, 18 inches long.

* **Note:** Headset Adapter Cables are plug converters only – they do not change the signal levels or impedances of the headset. The aircraft must have general aviation electronics. General aviation headsets cannot be used in aircraft with military electronics. To use military headsets with general aviation electronics, see page 12.

Part # Extension Cables

900053	Monaural Headset. General aviation plugs, headphone and microphone, 5 foot straight cord.
900054	Monaural Headset. General aviation plugs, headphone and microphone, 3-6 foot coiled cord.
900055	Monaural Headset. U-174/U plug, 3-6 foot coiled cord.
900059	Monaural Headphone. General aviation plug, 5 foot straight cord.
900060	Microphone. General aviation plug, 5 foot straight cord.
900061	Stereo Headphone. General aviation plug, 5 foot straight cord.

Military Headset / Helmet Adapters

Use Military Headsets in your General Aviation Aircraft

The Sigtronics Military Headset / Helmet Adapter changes the low impedance mic and headphone signal levels of military headsets or helmets to high impedance for use in general aviation aircraft with general aviation electronics.



900119B

The **900119A** and **900119C** models will convert military headsets and helmets with U-174/U plug to General Aviation plugs. The **900119B** and **900119D** adapters will maintain the military headset type U-174/U plug to U-174/U plug.

All 900119 adapters may be ordered with cable lengths of up to 60 inches. Contact Sigtronics Technical Support for information.



900119A

Feature	Length	Plug In Type	Plug Out Type	Notes
900119A	18 inches	U-174/U	General Aviation	Converts military headset or helmet with U-174/U plug to General Aviation plugs.
900119B	18 inches	U-174/U	U-174/U	Maintains the military headset type U-174/U to U-174/U plug.
900119C	48 inches	U-174/U	General Aviation	Converts military headset or helmet with U-174/U plug to General Aviation plugs.
900119D	48 inches	U-174/U	U-174/U	Maintains the military headset type U-174/U to U-174/U plug.

Custom Systems



Sigtronics has 24 headset and 37 intercom models in our standard aviation product line. Sigtronics also manufactures custom headset and intercom systems that are used by military ground support, tank simulators, and fast attack boats to name a few.

From our standard headsets and intercoms to custom made systems, we have the engineering know-how to design a system for you.



Sigtronics.com



The Sigtronics web site has detailed installation, wiring, parts list, and radio interface information for all Sigtronics products. All available 24 hours a day.

- Technical Info Section: Installation & Operation instructions.
- Service information.
- Product Warranty Registration.

For the times when this resource is not enough, the industry's best Tech Support is only a phone call away.