

SELF CONTAINED HEAD-TO-HEAD INTERCOM SETS

SUPERLINK

Comunica's top performance, heavy duty, headset intercom systems, featuring:

- Clear chat in the loudest places using:

- built-in state-of-art wide dynamic range electronics
- professional noise-cancelling microphones
- powerful speech frequency selective filtering

- Comfortable, noise killing headphones:

- deep earcups with soft oilring+foam earseals
- folding wire frame allowing a perfect fit over the whole ear
- a perfect fit under our BETA+ light-weight helmets

- Easy-adjust microphone boom with:

- DUAL MIC MUFFS:
 - a small inner one for closed cockpits
 - a high performance larger moulded muff, fitted over the inner one and removable wash for hygiene
 - microphone front indicator. Easily felt through the muff foam by finger, this allows the bendy boom to be set with the microphone exactly face-on, for best clarity

- No BATTERY CHARGING problems with:

- a built-in power pack lasting for 3 YEARS of typical sport flying
- standard consumer battery type for cheap and easy replacement

- Simple set-up with our miniature SLRIF radio interface:

- connects to most radios
- music/GPS input
- custom cable lengths available with the detachable radio cable.



SUPERLINK complete radio+intercom set



SUPERLINK solo radio interface



perfect with our BETA+ helmets

SUPERLINK are top in performance, comfort and reliability with their 3 YEAR WARRANTY & one of the most economical complete systems available.



SUPERLINK system parts:

All parts of the SUPERLINK system are clearly colour coded for quick and simple connection.

Headsets

There are two SUPERLINK headset types:

SLINK/Y - "YELLOW plug", which has built-in:

- the intercom electronics
- the power pack
- the volume control

SLINK/B - "BLUE plug", which is only used with a YELLOW headset.

SLINK/YB - The basic SUPERLINK set comprises a YELLOW and a BLUE headset connected by an SLCPL coupler block.

- suitable for pilot to passenger comms when no radio is required.
- use the YELLOW headset and coupler for solo flight* while comfortably monitoring engine noise.



Radio Interfaces:

SLRIF/** - The miniature radio interfaces feature:

- YELLOW & BLUE headset sockets
- a mini-DIN, radio cable socket
- an RJ, PTT button socket
- a 3.5mm stereo jack socket for music input
- a separate radio cable, allowing custom cable lengths

SLRIF's are available for:

- SLRIF/YB/A22 - ICOM IC-A3, A22, A4
- SLRIF/YB/A20 - ICOM IC-A2, A20, A20 MKII, DELCOM, 2m radios
- SLRIF/YB/VXA - YAESU VXA-300, 210

SLSO/** - The dedicated solo interface, perfect for single seater or paramotor flying. SLSO's are available with the same radio configuration as SLRIF/**



Press-to-transmit PTT buttons

Two PTT button assemblies suit:

- weightshift aircraft bar mounting, a long-stretch lightweight curly cord and heavy duty thumb operated button
- stick, throttle or panel mount, a straight cable+screw-in button assembly is used, its length made to suit the user.

Both PTT types are available in the STANDARD type which mutes the second ("P2") headset microphone for quietest transmissions from a YELLOW ("P1") headset microphone. Or the INSTRUCTOR type allows both microphones to transmit, usually chosen for radio instruction.

- SLPTT/B (/I) - for weightshift aircraft bar mounting
- SLPTT/S (/I) - for stick, throttle or panel mounting

Options:

SUPP/PWM - SLINK headsets are fitted with our Pro Noise-cancelling Mics as standard, though in some circumstances a fully sealed waterproof mic is essential. For a supplement we can fit our Pro Military Waterproof Mics. These are perfect for use in FIB's or wet climates.

EARSL/GEL - We now supply Gel earseals for all our headsets, these can be fitted on new headsets or are sold separately to be retro-fitted by you.

SUPERLINK's 3-year equipment warranty:

We are proud to offer our long warranty, which covers correction of manufacturing faults (parts and labour) at our works in Winchester, for 3 years from first supply. It doesn't include transport costs either way. For warranty cover, your set must have been used and treated normally and with proper care and the equipment must not have been dismantled or modified without written approval from us.

Comunica's assessment of this is final and a note will be made of our findings.

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Using your SUPERLINK system...

With all SUPERLINK family parts, just plug them together, COLOUR-to-COLOUR, and go!

When you plug two headsets into a coupler or radio interface, the system is switched ON automatically. For solo use, a BLUE solo plug must be inserted in the unused headset socket. Unplugging either headset or the BLUE solo plug switches the system OFF, so remember to do so!

Helmets for SUPERLINK flying:

The ideal helmets for SUPERLINK are our lightweight comfortable BETA+, worn with our VIS+ long reaching visors.

The SUPERLINK headsets will however fit properly under the cutaway motorcycle helmets used in other intercom sets.

Adjusting your SUPERLINK set:

Adjust the headset fit with the slides on each earcup, settling the cups comfortably all round the ears.

Bend the mic boom round so that the muff face NEARLY TOUCHES the mouth, (otherwise the noise-cancelling microphone will cancel your voice too!).

Check that the microphone is exactly face-on to your mouth by feeling the "mic face indicator" just inside the wind muff. It should point toward the mouth, on the inside of the bendy boom. Correct its angle BY ROTATING THE BOOM WHERE IT ENTERS ITS EAR CUP, NOT BY TRYING TO TWIST THE MICROPHONE ROUND!

The YELLOW headset VOLUME CONTROL controls both headsets but does not affect radio transmission loudness. First set the INTERCOM VOLUME as low as possible, for best clarity in noisy places. Then set radio and music loudness (after intercom volume setting), with their own volume controls.

Using your SLRIF or SLSO radio interface:

When using the SLRIF interface it is necessary to plug in the PTT button to activate the mic on the Blue headset, for comms between passenger and pilot.

Using a standard GREEN BAND PTT button, "P1" wears the YELLOW headset and transmits. "P2", wearing the BLUE headset hears everything but his microphone is muted during transmissions.

Using the YELLOW BAND PTT button type, (usually for radio training), both headset microphones are live during radio transmission, so brief "P2" to stay quiet during your radio chat! Always plug-in your PTT button, otherwise the BLUE headset mic will be muted!

For solo radio use with the SLRIF/ radio interface, remember to plug in the BLUE "solo flight" plug into the unused headset (BLUE) socket.

SLSO is our dedicated solo radio interface for use with our yellow headset, to power the headset and intercom simply plug in the headset, plug in the PTT and connect to your radio.

To prolong the battery life of your headset always unplug the yellow headset to power down the system.

Maintaining your SUPERLINK system....

Day-to-day care of SUPERLINK:

Don't leave your headsets lying "under glass" in hot sun. Our earseals (and PELTOR's etc) shrink a little above 55 deg C, and may drop out! We "tropicalise" them for extreme conditions such as Saudi helicopters, for £5 per headset. They will then tolerate 70 deg C. Shrunken earseals are easily replaced with our earseal kits (HSEARSL) comprising (2) earseal rings and (2) cloth ovals.

Carefully remove the outer microphone wind muff to wash it. Replacement microphone windmuffs are:

- MSH/HPS - The small inner muff, ideal for enclosed aircraft on its own
- MSH/HPL - The large open-air windmuff

The standard SUPERLINK microphones are of a high performance, professional type, some still flying in tough school service after 12 years and 6000 flights+! They are not fully sealed though, so don't run them under a tap and do dry them out (outer muff off) after rain damping.

The power pack is housed in the YELLOW headset's right-hand ear cup. From our website www.comunica-aviation.co.uk you can download simple instructions on how to correctly change your batteries, they are replaced with standard AA batteries. Don't leave exhausted power packs in place. (You can tell, a few months ahead, that they are getting tired by shouting really loud and listening for a bit of voice distortion).

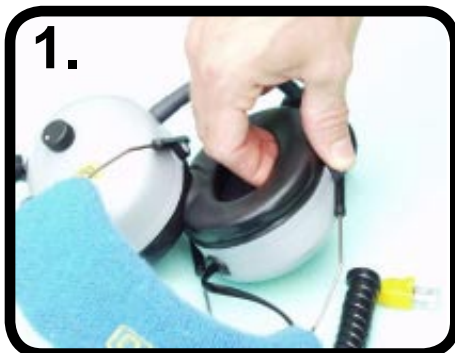


SUPERLINK BATTERY CHANGING

The 3 batteries are in the right earcup of the YELLOW PLUG headset...

SUPERLINK systems use standard 'AA' size Alkaline cells. These are available from us or can be purchased in virtually any convenience store or supermarket.

First open up the right hand earcup:



1.

- Put 3 fingers under the earseal, being careful not to damage the loudspeaker inside!

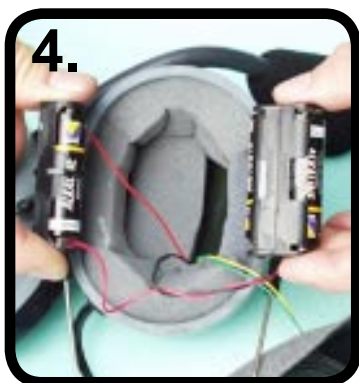


2.

- Pull up under the earseal edge so that it springs out.

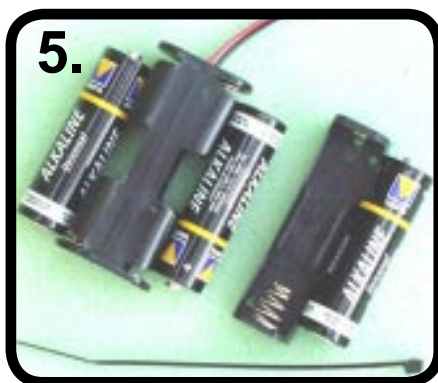
3.

- Carefully remove:
- The earseal ring
- The cloth ear cover
- The earphone



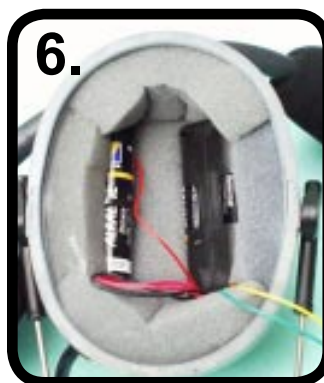
4.

- Lift out the 2 battery holders, discard the old batteries.



5.

- Fit the new batteries ensuring all the cells are the correct way round and firmly fitted into place.



6.

- Fit the battery holders back into the cup, securing in place with the foam segments.



7.

- Re-fit the earphone into the cup in the position shown.



8.

- Re-fit the cloth ear cover on top of the earphone.



9.

- Feed the edge of the earseal into its groove in the earcup.



10.

- Finally push down to snap the earseal fully into its cup.

After fitting your new batteries, don the headset and plug into the radio interface or coupler with the blue headset or solo plug to test the headset works .

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