

Self contained, head-to-head intercom sets, **SUPERLINKs**:

- Are top in performance, comfort and reliability (they're 3-year warranted!)
- Need **NO BATTERY CHARGING** self-powered for 3 years+\* (then its just £1 to refresh!)
- Connect to **ALL OTHER INTERCOMS** and radios
- Are most reliable and economic personal intercoms by far...



**BETA+**



**BETA-FLIP+**

Perfect with our helmets....



## **SUPERLINK**

**and SUPERLINK+**  
(to wear with BETA+ helmets)



**IC-A20/21 set**



**SUPERLINK complete radio+intercom set**

# SUPERLINK system accessories:



## RADIOLINKs:

Miniature high performance radio/music interfaces

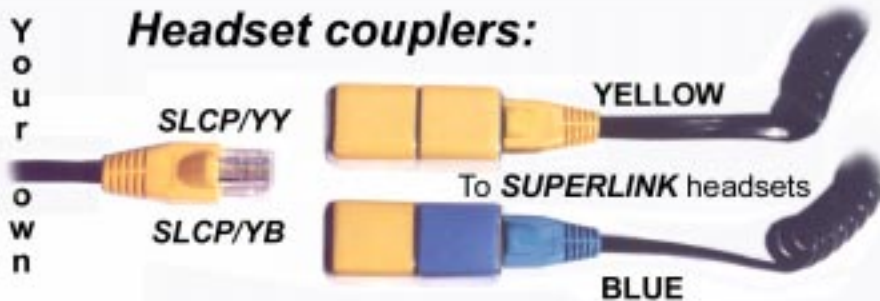
To **SUPERLINK's** headsets



Radio cables:

**SLRC/A22** for **SLRIF/A22 "WHITE"**: for IC-A2/A20/A20MKII/DELCOM: **SLRIF/A20**  
**SLRC/A20** for **SLRIF/A20 "RED"**: for IC-A3/A22: **SLRIF/A22**

## Headset couplers:



## CROSSLINKs:

Just plug your **SUPERLINK** headset into the **CROSSLINK** with the plug which fits the "OTHER" intercom or headset and you are connected....



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**About "SUPERLINKS"** - 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
  - softly pliant wire frame allowing a perfect fit over the whole ear
  - specially knitted **TERITEX** headband for soft warmth and sweat absorbance
  - a perfect fit under our **BETA** lightweight helmets
  
- **Easy-adjust microphone bendy boom** with:
  - **DUAL MIC MUFFS:**
    - a small inner one for closed cockpits
    - a high performance larger moulded muff, fitted over the inner one and removeable 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
  - refresh battery packs from Comunica for just **£1!**
  - alternatively, ordinary corner shop batteries can be fitted
  
- **"RADIOLINKs", miniature interfaces to all common radios:**
  - available first for:
    - ICOM IC-A3 and A22
    - ICOM IC-A2, A20 and A20 MKII and DELCOM
  - When requested:**
    - KING KX99 and WIN97
    - ICOM IC-A200 and other installed sets
    - GSM phones
  - bar and stick PTT buttons with either:
    - muting of "P2"s microphone for extra quiet when transmitting or:
    - both mics live when transmitting, for radio instruction
  - stereo music input converted to balanced mono listening.
  - no extra batteries or power needed
  - velcro or screw mounting to radio side or panel etc
  
- **"CROSSLINKs", connectors to other intercoms:**
  - simply plug on to your **SUPERLINK** headset and convert to the plug type needed
  - let you fly in non-**SUPERLINK** aircraft with your own headgear
  - available first for:
    - "BINDING" round, bayonet-locking plugs
    - 1/4" stereo "GOLD" plugs
    - "RJ" little USA telephone plugs
    - "PJ" "twin jack" plugs
    - UK and US NATO plugs
  
- **"LINKS-IN", connectors for other intercoms' headsets into SUPERLINK too!**

## **SUPERLINK system parts:**

(Which simply plug together, with clear colour coding to show which bits fit which!)

### **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

### **Complete intercom sets with headset couplers:**

**SLINK/YB** - The usual **SUPERLINK** set, comprising a **YELLOW** and a **BLUE** headset connected by an **SLCP/YB**, the **BLUE-YELLOW** coupler block.

**SLINK/YY** - With two **YELLOW** headsets connected, using the same coupler block.

## Radio/music Interfaces and “solo” plug

The miniature **RADIOLINK** standard interfaces have:

- a **BLUE** headset socket
- a **YELLOW** headset socket
- a mini-DIN, radio cable socket
- an RJ, PTT button socket
- a 3.5mm stereo jack socket for music input

**RADIOLINKs** are often simply velcro'd to their radios but they can be easily mounted on an aircraft panel or showing through a panel. Their radio connect cables can be made quite long, to suit your layout.

**RADIOLINKs** are available first for:

- SLRIF/YB/A22** - ICOM IC-A3 and A22
- SLRIF/YB/A20** - ICOM IC-A2, A20, A20 MKII and DELCOM
- SLRIF/YB/KX99** - KING KX99 and WIN97
- SLRIF/YB/A200** - ICOM IC-A200
- SLRIF/YB/GSM** - GSM phones

Alternative **RADIOLINKs** suit two **YELLOW** headsets, specified eg as: **SLRIF/YY/A22**.

A separate cable connects the **RADIOLINK** unit to its radio plugs. This allows the user to choose how far the radio is from its interface.

For solo radio use, the little **SLSPLG “BLUE solo plug”** should be inserted in the unused headset socket on the **RADIOLINK** interface.

### Press-to-transmit PTT buttons

Two PTT button assemblies suit:

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

Each PTT style can be wired to control the **RADIOLINK** system in two ways:

- **“GREEN button”**, the standard type which mutes the second (“P2”) headset microphone for quietest transmissions from a **YELLOW** (“P1”) headset microphone
  - SLPTT/B** - for weightshift aircraft bar mounting
  - SLPTT/S** - for stick, throttle or panel mounting
- **“YELLOW button”**, which allows both microphones to transmit, usually chosen for radio instruction.
  - SLPTT/B/I** - for weightshift radio instruction
  - SLPTT/S/I** - for 3-axis aircraft radio instruction

### Using your SUPERLINK set.....

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

When you plug two headsets into a **coupler** or **RADIOLINK** interface, the system is switched **ON** automatically.

For solo use, a **GREY solo plug** must be inserted in the unused headset socket.

Unplugging either headset or the **GREY solo plug** switches the system **OFF**, so remember to do so!

### Helmets for SUPERLINK flying:

The ideal helmets for **SUPERLINK** are our lightweight comfortable **BETAs**, worn with **PANORAM** visors and , in the cold, **CHIN** visor extensions.

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 sharp "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 EARCUP, 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 RADIOLINK and radio and music inputs:**

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!**

When transmitting, switch any music OFF.

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

### **Using SUPERLINK headsets with "other" intercoms:**

Just choose the **CROSSLINK** type with the "other" intercom plug you need and plug the **YELLOW** headset into it. Then use it as though it **IS** the "other" kind....

Note: We supply **CROSSLINKs** which do other things, eg connect GA "TWIN JACKS" to microlight intercoms. Also "**LINKS-IN**" to let other's headsets plug into **SUPERLINK**.... Let us know your needs.

## **Maintaining your SUPERLINK system....**

### **Day-to-day care of SUPERLINK:**

Carefully remove the outer microphone wind muff to wash it.

Replacement microphone windmuffs are:

- SLMICM/S** - The small inner muff, ideal for enclosed aircraft on its own
- SLMICM/L** - 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. If you expect to get your mics very wet often, we can fit "swimmable" waterproof military ones instead, for a supplement.

Take care to keep the **TERITEX** headset headbands away from velcro and other snaggy things, the loops will pull!

Replacement headbands are:

- SLTHB** - **BLUE**

The power pack is housed in the **YELLOW** headset's righthand ear cup. We will shortly issue the simple instructions for refreshing it.

Refresh **POWER PACKS** from Comunica are type:

- SLPPACK**

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'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.

**Good flying!.....** Winchester 24/04/01 E&OE SLINKHBD 5pp