

## INTERCOM SIMPLEX / DUPLEX OPERATION

ALL UNLIMITED FAN LINKS CAN OPERATE IN BOTH MODES

### SIMPLEX OPERATION

When operating in "simplex" mode it means that it is in "one way" mode. Press your PTT button and start talking and the other party has to wait until you are finished talking and release your PTT button before they can press their PTT button and say something back to you. A very slow conversation of one way communicating back and forth.

### DUPLEX OPERATION

Duplex operation is when both (or all) parties can talk and hear the other parties at the same time. Your telephone system is a "duplex" system. Both parties can converse rapidly and it speeds up the conversation.

"UNLIMITED" FAN LINKS (BOTH G-T-B AND REGULAR) CAN OPERATE AS SIMPLEX OR DUPLEX SYSTEMS. IF ALL PARTIES HOLD THE PTT BUTTON DOWN WHEN SOMEONE STARTS TALKING EVERYONE CAN TALK AND HEAR AT THE SAME TIME.

---

## HEADSET / INTERCOM REPAIRS

COMPLETE SERVICE, PARTS AND REPAIRS  
ON ALL HEADSETS WE SELL PLUS MANY OTHER  
BRANDS. ALSO SCANNER REPAIRS AND  
MODIFICATIONS ON UNIDENS, RELMS AND  
RE2000Alpha – call for more information.

FREQUENCY FAN CLUB

1-800 RACE FAN      [www.racescanners.com](http://www.racescanners.com)

## FAN-LINK UNLIMITED INTERCOM

### OPERATING INSTRUCTIONS

#### SINGLE SCANNER INPUT OPERATION

When operating the Intercom System using two headsets and a single scanner (input) the toggle switch (located on the left ear cup) must be in the UP position (ALL) on BOTH HEADSETS.

#### TWO SCANNER INPUT OPERATION

When operating the intercom system using two headsets with a scanner plugged into each headset you must have the toggle switch on BOTH HEADSETS set to the DOWN (ISO) position.

To see arrangements for multiple headsets and inputs see the reverse side of this page.

#### INTERCOM IS BATTERY POWERED

Inside the RIGHT EAR CUP OF EACH HEADSET is a 9 volt battery that powers the intercom system. It only operates when the PTT (push-to-talk) button is pressed. Manufacturer reports that the battery should last about a year. We always recommend on any battery powered device that you ALWAYS have a spare battery for each headset at all times. We recommend that you use alkaline batteries – longest run time and shelf life. See instructions inside this booklet for changing the batteries.

#### CABLES – 3 PIN UMBILICAL CABLE

You should route the cables where they are the most convenient for your seating arrangement (these cables can plug into either side of the headset). There is no need to have cables hanging across your chest and arms connected to your partner.

#### ADDITIONAL HEADSETS CAN BE ADDED

Extra headsets can be added to the system at any time. Each additional headset comes complete with umbilical cable and a scanner input cable. See our website or call for current prices.

FREQUENCY FAN CLUB

1-800 RACE FAN

[www.racescanners.com](http://www.racescanners.com)

## UNLIMITED FAN-LINK BATTERY INSTRUCTIONS

### REPLACING THE BATTERY IN UNLIMITED FAN-LINK HEADSET

A 9 VOLT BATTERY IS LOCATED IN THE RIGHT EAR CUP OF EACH UNLIMITED FAN-LINK HEADSET. IT IS EASIER TO SLIP THE FOAM EAR CUSHION (BLACK PADDED RING THAT GOES AROUND YOUR EAR) OFF OF ITS MOUNTING FLANGE FIRST.

CAUTION MUST BE EXERCISED SINCE THE SPEAKERS (TWO IN EACH EAR CUP) ARE LOCATED INSIDE THE FOAM PILLOW THAT YOU WILL BE REMOVING. THIS "FOAM PILLOW" IS CONNECTED TO THE HEADSET WIRING WITH FIVE WIRES LEADING TO THE SPEAKERS. DO NOT PULL OR TEAR IT OPEN. GENTLY REMOVE THE PILLOW OUT OF THE PLASTIC CUP AND MOVE IT TO ONE SIDE NOT STRESSING THE WIRES. UNDER THE PILLOW IS THE BATTERY HELD IN PLACE BY A BLACK VELCRO STRAP. PULL THE STRAP UP AND IT WILL RELEASE THE BATTERY. THE SNAP ON THE BATTERY CONNECTION SHOULD BE CAREFULLY REMOVED (UNSNAPPED) AND A NEW ALKALINE BATTERY USED TO REPLACE IT. BATTERIES SHOULD LAST AT LEAST ONE SEASON.

REPLACE THE BATTERY, VELCRO IT BACK DOWN AND REPLACE THE PILLOW TYPE SPEAKER ENCLOSURE CAREFULLY. THE BLACK EAR CUSHION WILL SLIP BACK OVER THE MOUNTING FLANGE ON THE PLASTIC CUP. IT TAKES A LITTLE MANEUVERING BUT IT WILL STRETCH AND GO BACK ON THE FLANGE.

WE HIGHLY RECOMMEND THAT THIS PROCEDURE BE PERFORMED IN A DRY AREA, AT A TABLE WITH GOOD LIGHT AND A SMOOTH WORKING SURFACE PRIOR TO THE RACING SEASON STARTING AND NOT IN YOUR LAP IN SOME BLEACHER TYPE STANDS WHERE YOU CAN DROP ALL THE PARTS AS YOU REMOVE THEM.

### FREQUENCY FAN CLUB

1-800 RACE FAN

[www.racescanners.com](http://www.racescanners.com)

