

## EASY-LINK RF/IP

The EASY-LINK RF/IP is a controller using **VOICE over IP** technology to provide single-user linking between two different radio systems.

Using a pair of EASY-LINK RF/IP eliminates the need for phone lines or microwave. For linking between LTR systems, the EASY-LINK RF/IP uses the control station frequencies for the SMR sites being linked. Cross-band linking between other systems uses the frequencies already in use by the other systems, so additional linking frequencies are not needed. Once the installation is complete, an EASY-LINK RF/IP will communicate with another EASY-LINK RF/IP via Ethernet TCP/IP and UDP protocol. The two EASY-LINK RF/IP units along with **Static IP addresses** allow two radios to be remotely connected providing bi-directional operation.

Operation is also completely transparent to the end user with virtually no audio loss or degradation. No DTMF microphones, special signaling methods or other complicated procedures are needed in order to establish a path between EASY-LINK RF/IP's.

### **CAPABILITIES and FEATURES:**

#### **PROVIDES SINGLE USER LINKING BETWEEN RADIO SYSTEMS**

LTR       Conventional       Cross Band

#### **LOW COST VoIP TECHNOLOGY**

No phones    No microwave       No special linking frequencies

#### **EASY TO OPERATE**

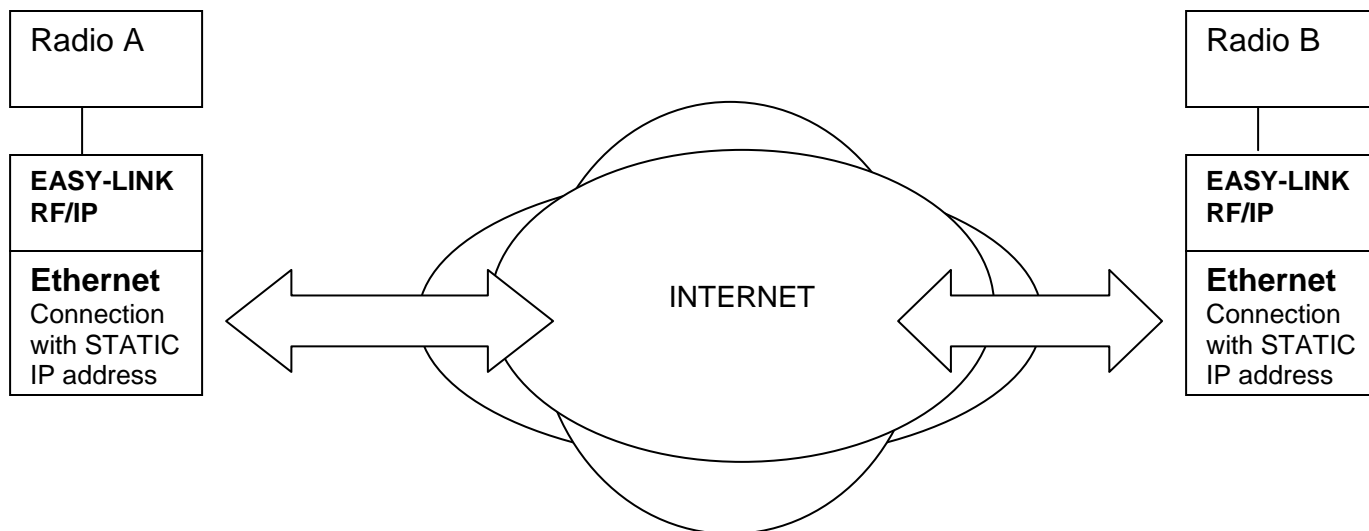
No DTMF    No extra signaling methods       No special procedures

#### **IDEAL for LINKING LTR TRUNKING CUSTOMERS**

Automatic Path Turnaround reverses path to provide faster system access  
 Provides LTR "go ahead" and "fail" tones

#### **EASY to SET UP**

Interfaces to various radios       Audio levels are adjustable externally  
 Amplified and muted RX to TX paths    PC programmable using WEB browser  
 Automatic reconnect if ISP connection is lost       Routable through firewalls



**SPECIFICATIONS:**

Input voltage	15VDC <i>Optional 24W Wall Transformer 2.1mm * 5.5 mm barrel conn. Center +</i>
Current consumption @ 15VAC	450 mA (TX) 800 mA (RX) 400 mA (standby)
Temperature range	0 to +60 degrees C
Relative humidity	90% at 50 degrees C
Frequency response	+1, -3 dB (300 to 3000 Hz)
Weight	1.5 lbs
Dimensions	7.5 x 5.5 x 1.5 inches

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