Easy-Link RF/IP

The Easy-Link RF/IP is a controller using VOICE over IP technology to provide single-user linking between two or more 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 requencies 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 EASY-LINK RF/IP units along with Static IP addresses allow two or more 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.

Features & Capabilities

SINGLE USER LINKING BETWEEN RADIO SYSTEMS
- LTR
- Conventional (Analog)
- 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 reversed path to provide faster system access
- Provides LTR 'go ahead" and "fail" tones

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

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Easy-Link RF/IP
Specifications

Input voltage 15Vdc

Optional 24W Wall Transformer

2.1 5.5mm barrel conn. Center (+)

Current consumption @ 15VAC .... 450 mA (TX)

800 mA (RX)

400 mA (Standby)

Temperature range .... 0 to +60° C

Relative humidity .... 90% at 50° C

Frequency response .... +1, -3 dB (300 to 3000 Hz)

Weight .... 1.5 lb.

Dimensions .... 1.5" (h) x 7.5" (d) x 5.5" (w)

VoIP Easy-Link Simulcast Capabilities:

Connectivity between as many as 5 radio systems is a standard feature of the VoIP Easy-Link RF/IP.