

RoadWarrior^{LC}



Portable Audio Codec for IP and ISDN

RoadWarrior LC is a new full-duplex, two channel (Program & talkback) audio codec. Its new design, robust, compact and with a flat control surface, prevents accidental damage to the controls and makes it easier to use. It is a portable audio codec with all Suprima functionality built-in. It includes a built-in 2-channel mixer to route and mix both input and output signals. All audio and communication parameters, including input/output signals and levels, are remotely configurable and can be stored in different presets to make setup of the unit by non-technical users easy.



Key Features

Audio

- Built-in channel mixer for both input and output sources.
 - 2 Mic/Line inputs & 1 line input.
 - 2 headphone outputs & 2 auxiliary line outputs.
- Compressor/limiter for Program Channel
- Audio configuration presets
- Remote control of levels and signals(I/O Matrix)
- Wide range of compression algorithms as standard

Communications

- IP,ISDN and PSTN communications
- Backup System: ISDN as a secondary link for IP
- Meets EBU initial standard for IP compatibility: SIP/SAP/SDP/RTP
- Dual codec operation: Independent Program and Talkback lines
- Easy configuration to optimize IP link for low delay, jitter and utilization
- FEC (Forward Error Correction) is supported as per the RFC 2733 standard
- CCS NAT Traversal Streaming Protocol permits router firewall pass-through with zero configuration

Operation

- Can be controlled locally from its front panel, or remotely from its Web Page or from CCS Management Software
- Automatic detection of the encoding mode and independent encoder/decoder operation
- Alarm management via SNMP/GPO/email
- Call facilities: Auto-redial, phone book, call scheduler and log systems
- Keypads can be locked in different ways with password unlock options
- Optional battery with charge and status indications. It can be charged on system

SPECIFICATIONS

2 Mic/Line Inputs:

- XLR connectors
- Electronically balanced Mic inputs
- Independent Level Control (local or remote)
- 48 V Phantom powered

2 Headphone stereo outputs:

- ¼" jack connectors
- Independent level control
- User configurable

2 AUX outputs:

- XLR connectors
- User configurable

Audio compression

- G722
- G711 A/μ Law
- MPEG 1,2 Layer II
- MPEG 1,2 Layer III
- MPEG AAC LC, LD & HE (optional)
- Enhanced and Standard apt-X™ (optional)
- PCM (16,20 & 24 bits)

Dimensions and Weight

- Width: 8.35" Height: 2.95"; Depth: 8.07"
- Weight: 4lbs. Approx.

LAN

- 10/100BaseTx Ethernet, connector RJ45.
- Supports standard TCP/UDP/IP Multicast, Unicast & Multi-Unicast
- SNMP, DNS, RIP, SNTP, HTTP, IGMP, ICMP
- SIP/SAP/SDP/RTP comprising EBU standard draft
- FEC: Forward Error Correction
- CCS NAT Traversal Streaming Protocol (v3)

ISDN

- 1-BRI with S/T and U interfaces, RJ45 connectors
- BackUp system: ISDN as a BackUp for IP link
- Protocols: EURO_ISDN, AT5ESS, DMS100 & NAT

GPIO & RS232 Ports

- 2 Contact closure Inputs and 2 Relay Outputs
- User configurable GPIO. Remote contact closures
- 1 serial port (DB9F connector)
- Bit rate up to 9600 bps
- Allows Tx and Rx of ancillary data along with the audio

External Power Supply & Battery

- Input: 100 a 240 VAC, 1.2A / Output:16VDC, 2.8 A
- Li-Pol battery pack (optional)