

# CS-812 Multi-Mode RoIP Console



## At A Glance

**RoIP Device** - The CS-812 Console, is the ideal solution for a small RoIP Console when up to 12 LMR channels are required. The CS-812 user's can transmit using the built on 18" Gooseneck Microphone, or optional Headset or Handset to initiate Calls.

## New Design

- Built to handle demanding LMR work station environments or where ever Multiple LMR Channel Access is required
- (12) Individually Selectable SIP and or Multicast Channels on a per channel basis.
- Powder Coated Steel enclosure.
- Large 4" W X 7" H Full Color Graphic Display.
- Display overlaid by Lexan\* and Air Gaped to provide protection.
- Rugged Volume knobs / built in PTT buttons.
- The speaker volume is controlled by heavy duty rotary encoders.
- Each Channel's Volume is indicated on the display along with the channel name.
- High powered 5 Watt Speaker.
- Unit can be Desk (D) or Wall (W) mounted.
- Auto "Man Down Alert" and 911 Call response capable.
- Ergonomic Design for easily operation

## Technologically Advanced

- Multi-Mode selectable Device on a per channel basis.
- Supported Codecs: G.711 A/uLaw, G.729 and Speex
- Static / DHCP / Remote Configuration
- Browser based administration
- Secure administrative access
- Each Channel can selectable be SIP or Multicast.
- Standards Based SIP and/or Multicast RTP Protocol.
- Single Button Conference Setup / Access
- 4 Function Buttons for Future Applications

## Preliminary Specifications



Desk Top

## Technical Specifications

### Channels

- (12) mixed SIP, Multicast, or Unicast LMR Channels.

### Call Types

- SIP Radio Conferencing.
- SIP Private Line (Point to Point / Ringdown).
- Group Calls / point to point intercom.
- Push to Talk Broadcast.
- Auto Alert Response (Man Down, 911 Call)

### Mode of Operation

- Auto Answer / Auto Dial.
- Point to Point without SIP Server.
- Manual—Dial/Answer.
- Manual-Answer Only.
- Auto Response on "Man Down Alerts" & 911 Calls.
- Console has discrete ID Code for Direct Call in

### Interfaces

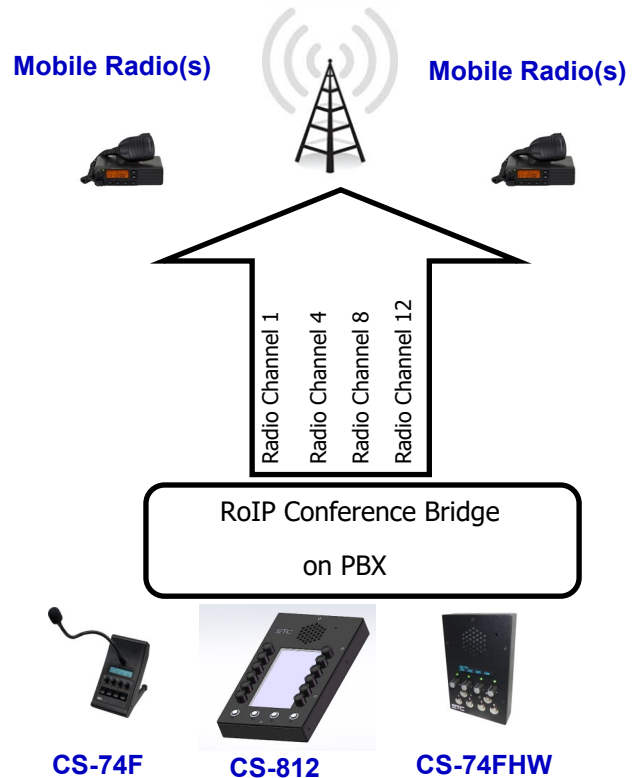
- 18" Gooseneck Microphone.
- Headset or PTT Handset, PTT Foot Pedal
- Large Graphics RGB Display.
- Relay Closure output for external alarms.
- 1 Ethernet port.

### Dimensions

- Width - 6.950" / 177mm
- Depth - 1.625/ 41.3mm
- Height - 11.450" / 290mm
- Weight - ?? lbs. / ???g
- Speaker 2.5" (63.5 mm) Dia. 5 Watts @ 8 Ohm

### Codec Options (bandwidth including overhead)

- |                 |           |
|-----------------|-----------|
| ■ G.711 a/u-law | 80 kbit   |
| ■ G.729         | 20 kbit   |
| ■ Speex         | 4-15 Kbit |



### Management

- Browser based, Internet Explorer, Google Chrome
- Upgradeable application firmware via file upload
- Supports HTTP & HTTPS (Self signed certificates)

### Power

- 5 VDC, 6 A, External power supply

### Thermal

- ? Watts
- ?? BTU/Hr.
- Cooling - Ambient air

### Network Requirements

- 100 Base T (full duplex)
- IEEE 802.3af (PoE) compliant
- Protocols - UDP, DHCP, DNS, Syslog, NTP, SSH, TCP