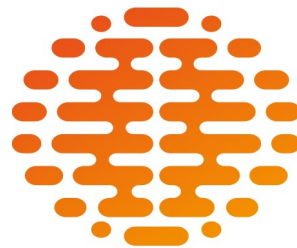


# CG-951 LMR Controller Gateway



New Zello App



## CG-951SAM™

### Applications

- The CG-951SAM Controller Gateway connects to the Donor Radio's Analog & Serial Data Ports.
- Once connected the Gateway converts the Analog TX & RX to Multicast for output to the stations.
- The Gateway can control a donor radio using two methods, either using EIA Tones with GPIO Pin output or using the Radios Serial Data Ports.
- Using our ETC-Kenwood software the Controller can change the "Zone" and the "Frequency of the Channel" in the Zone, plus some ETC Stations can also control SCAN and receive Caller ID info.
- The ETC Gateway will also accept an **Zello** Group Call and "Bridge them to the Multicast Channel."

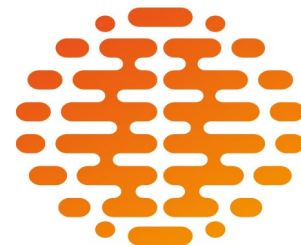


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# CG-951SAM™ LMR Controller Gateway



## Features

- The 951 has **Radio Control capability to Change a Radio Talk Channel (Frequency)** using GPIO Binary Codes when it receives a change from a **CS Station**.
- Using **ETC's Kenwood Control Software** and connecting to a Kenwood Radio Serial Data port, the 951 can change the **"Zone"** plus the **"Frequency in the Zone"**. Some Stations can also enable **SCAN** and Accept **Caller ID** info.
- Optional **Zello Group or SIP** Call "Bridging" Functions can combine two separate sources into one.
- A **DB-25** Connector is used for the Analog I/O Port which is balanced 600 Ohm transformer isolated, plus the Radio's Serial Data Ports.
- Easy & secure browser configuration/management Industry standard Codecs.
- Tx & Rx level adjustment on each channel
- Syslog output for device monitoring.
- Browser based diagnostic tools.
- LMR Functions, PTT (dry closure) Adjustable Audio Delay from 0-500 ms in 100ms steps.
- "No PBX" mode of operation is also an Option.

## Technical Specifications

- One Analog Port to SIP and/or Multicast channel.
- Codecs: G.711 A & uLaw, G.729
- Protocols: RTP, UDP, TCP, Syslog, DHCP, NTP, IGMP, SSH, DHCP, DNS
- One Analog audio port, 600 Ohm, Balanced, Transformer isolated using DB-25F
- LMR functions w/ adjustable Delay (100ms to 500ms) & PTT closure on each channel
- Analog audio range: -35 dB to -3dB
- Frequency Response: 300 Hz - 3kHz
- Distortion: < .2%, Latency < 50ms, ERL < -70
- 5 VDC, 5 Watts, 19 BTU/hr
- Size: 1U Rack Height W=5.5"/139.7 mm X H=1.625"/41.275 mm X L=6.5"/165.1 mm
- Weight: 13 oz / 369 g
- Upgradeable via firmware file upload
- Single Ethernet connection via RJ-45 jack



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