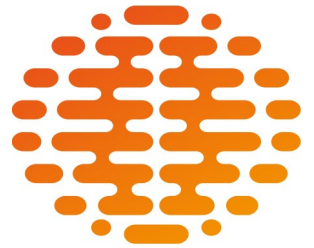
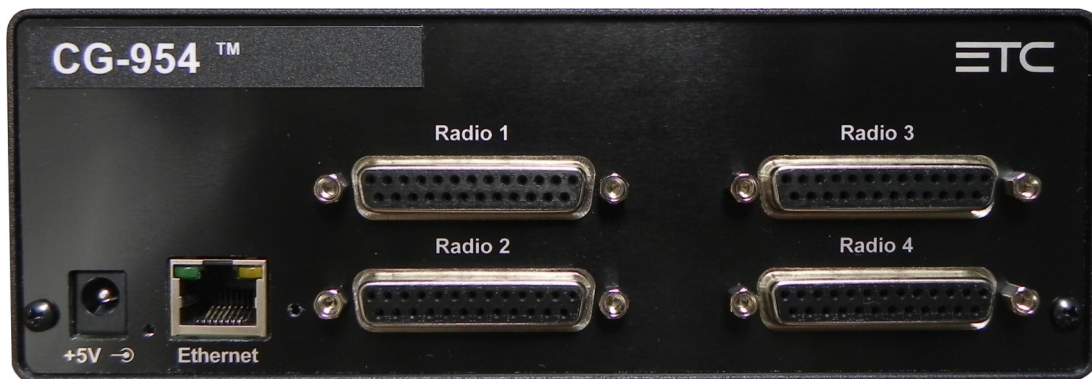


CG-954 LMR Controller Gateway



Zello Ready



CG-954SAM™

Applications

- The CG-954 SAM Controller Gateway connects to the Donor Radios 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 Control software the Gateway can change the “Zone” plus the “Frequency of the Channel” in the Zone, in addition some ETC Stations can also control SCAN and receive Caller ID info.
- The ETC Gateways will also accept an **Zello Group & SIP** calls and “Bridge them to the Multicast Channel.

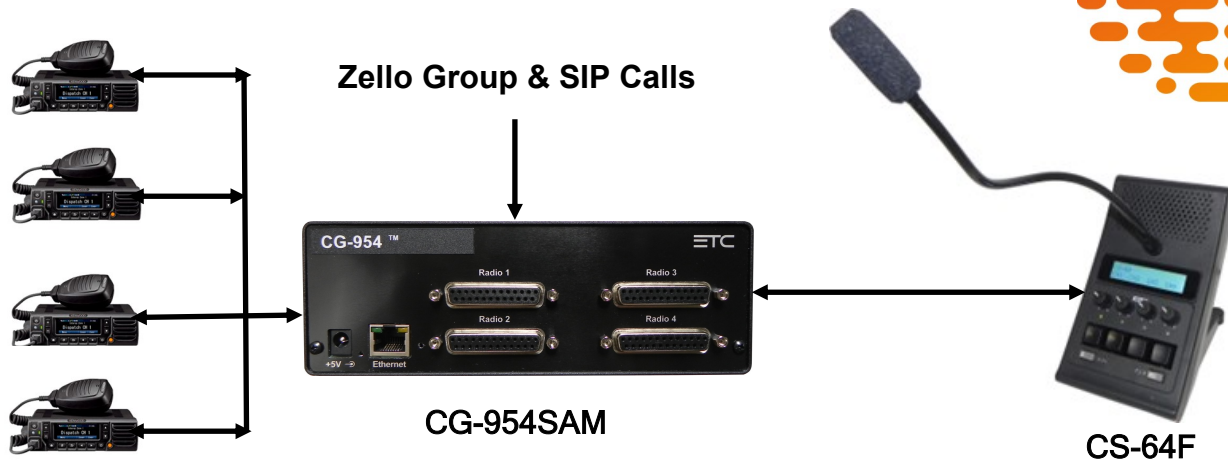
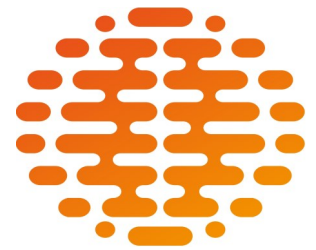


ESSENTIAL TRADING SYSTEMS CORP.

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CG-954SAM™ 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 954 can change the **"Zone"** plus the **"Frequency"** in the **Zone**. Some Stations can also enable **SCAN** and Accept **Caller ID** info.
- Optional **Zello** or **SIP** Call "Bridging" Functions can combine two separate sources into one.
- Four **DB-25** Connectors are 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 using 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.
- Optional "Bridging" functions of two sources.

Technical Specifications

- 4 Analog to SIP and or Multicast channels
- Codecs: G.711 A & uLaw, G.729
- Protocols: RTP, UDP, TCP, Syslog, DHCP, NTP, IGMP, SSH, DHCP, DNS
- 4 Analog audio ports, 600 Ohm, Balanced, Transformer isolated, RJ-45s with dual LEDs
- 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: 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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