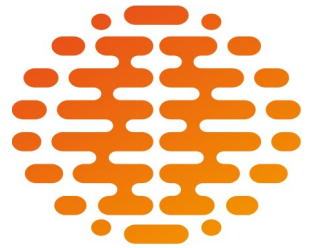


CG-951 LMR Control Gateway



CG-951SAM™

Applications

- One LMR Radio Base Station can connect to the Gateway using the single Analog Port.
- The CG-951SAM converts one channel of Analog to one Multicast Channel.
- The CG-951SAM converts proprietary signals from ETC CS Stations to tell the attached Radio to change its Frequency. Simultaneously all the other ETC CS stations in the system receive and display the new Frequency Change.
- At Remote Transceivers locations the CG-951SAM can use the SECURE “UG-500” Gateways to call another “UG” Gateway and transport the GPIO signals to the CG-951 Gateway.
- Using the CG-9XXSAM’s web browser the user can add up to 32 Radio Frequencies so the ETC CS Remote Stations can selectively change the Radio’s frequency.

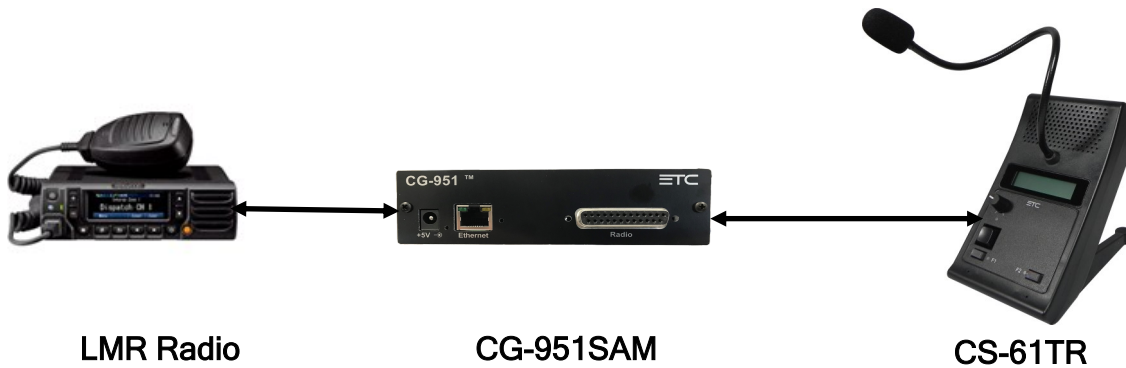
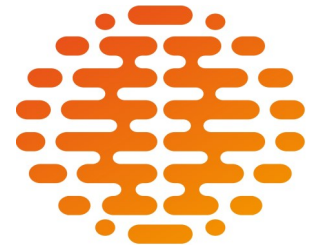


ESSENTIAL TRADING SYSTEMS CORP.

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CG-951SAM™ LMR Control Gateway



Features

- The 951 has the ability to Change a Radio Channel (Frequency) using GPIO Binary Codes when it receives a change from a CS Station.
- One DB-25 Connector are used for the Analog I/O Port which is balanced 600 Ohm transformer isolated.
- The 951 can also convert up to 8 SIP to 8 Multicast Channels and can also connect to any of the above to the Analog port that connects to the (Radio).
- The web browser enables the user to configure any combination of SIP or Multicast to the Analog I/O Port.
- The CG-951 uses Industry standard Codecs and solid state storage powered by our highly reliable Linux kernel OS.
- 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 Option.
- Optional “Bridging” Functions of two separate sources available.

Technical Specifications

- One Analog Port to SIP and or Multicast channels
- 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, RJ-45 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



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