



The Sales Group

MANUFACTURERS REPRESENTATIVES

WIRELESS NEWS

Upcoming Events

NAPCO monthly meeting
February 9, Stockton.
NAPCO.org for directions

I.W.C.E show March
29-30, Las Vegas NV

Inside this issue:

Raven Electronics' 2
RVI-600 Voter
combining innovation,
flexibility, affordability,
and simplicity in a
small, ready-to-use
package.

National 2 Way 3
New waterproof
speaker mic for
Motorola radios

BIRD new 4043 3
Directional Power
Sensor.

FREEDOM new 8100 4
RF Test with field
swappable battery

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Northern CA & Northern NV

Codan STRATUS P25 & LTE Solution

P25 & LTE Solution

Stratus is the first deployable P25/LTE hybrid solution that leverages the strengths of both technologies to provide secure mobile voice networks. With the power of P25 and LTE (3G/4G), Stratus has the mobility of a subscriber unit in a lightweight, easily transportable infrastructure solution, ensuring complete system and network coverage from any location, whenever you need it.



Stratus Repeater

Housed in a rugged Pelican case, Stratus repeater integrates a VHF, UHF, 700 MHz, or 800 MHz repeater, Universal Interface Card (UIC) and LTE modem, linking instantaneously into established communications networks without requiring a hard wired Ethernet connection.

CODAN
RADIO COMMUNICATIONS

Stratus Fixed Site

Stratus Fixed enables new and existing Codan Base Stations and Repeaters in a fixed configuration to utilise LTE cellular networks for backhaul into dispatch, replacing the need for costly leased lines and T1 connections. The network interfaces of Stratus Fixed have been optimized to provide a more robust connection over the cellular network ensuring a reliable connection at a fraction of the current costs.



www.codanradio.com

Raven Electronics' RVI-600 Voter

Raven Voter | IP Configurable | 6-Site

Raven Electronics' 6-Site Voter is a pre-configured powerhouse that allows for easy set-up, configuration, and expansion. The RVI-600 with M4x Technology, is the most flexible and cost-effective voting system on the market. Features include:

- IP site-monitoring and control from remote locations
- Event-driven, intuitive software
- Full-featured reporting capabilities
- Fully expandable
- Sleek, 1RU rack-mountable design
- Tri-color LED per port indicating TX, RX, Voted, or Receiver Fault



Subscriber radios, dispersed throughout a specific area of coverage, are back-hauled to a central location via a Raven IP Gateway, a microwave system, leased lines, or point-to-point receivers. The RVI-600 Voter can reside at the central site (or EOC) and automatically:

- Monitors multiple remote receivers
- Votes the best audio using a proprietary algorithm comparing signal strength, noise, and audio fidelity
- Our system does not allow for loud noise to get voted over lower, more discernible audio ... you'll get the best Signal to Noise to Audio Fidelity ratio**
- Passes the best audio to one or more end-points (consoles, dispatchers, or repeaters/transmitters)

Most receivers are configured for S-TAC operation, providing either 2175 Hz or 1950 Hz status tone to the voter to indicate the squelched condition. If a receiver does not have the capability for S-TAC operation, then squelch conditions can be triggered by COR or VOX. Additionally, outlying Raven equipment, featuring M4x technology, can also be utilized as status tone (or "pilot tone") generators.

Additional Features:

- Transmitter Steering
- Disable receivers if creating in-band noise
- Full dispatch integration into Telex, Zetron, Avtec, and Motorola

Bonus Feature: All Raven voting products can be partitioned. Our 8-site voter can act as two 4-site voters, or a 2-site voter and two 3-site voters, or four 2-site voters. No longer do you need to invest in a whole separate system to vote an additional channel. Our 2 RU FlexGate can allow you to have up to 128 Sites with as many partitions as your system requires. Imagine doing an entire state-wide system for 1/10th the cost of the competition.

List Price \$9995.



N2W new Waterproof (IP67) Speaker Microphone



For Motorola SL300, SL7500, SL7550, SL7580, SL7590

national2way
Factory to Dealer Direct

rapidresponse@national2way.com

Li-Ion Powered

Speaker Microphone 7

List \$169.99 (#SM7-M14)

Waterproof (IP67)

Very Loud/Quiet Volume Controls

LED Bright Light

3.5mm Audio Port

Micro USB Charging Port

Optional Programmable Button

1 Year Warranty

New BIRD MODEL 4043 DIRECTIONAL POWER SENSOR

MODEL 4043 DIRECTIONAL POWER SENSOR provides both forward and reflected composite power measurements with +/-5% of full scale accuracy, at power levels of up to 500 watts and is also NIST traceable. This sensor is intended for use at the transmit combiner output, in order to provide both composite output from the combiner power, as well as antenna VSWR information.

Models Available:

- 4043-2-440504-0201 - 144 MHz to 174 MHz
- 4043-2-450504-0201 - 380 MHz to 420 MHz
- 4043-2-460504-0201 - 450 MHz to 512 MHz
- 4043-2-470504-0201 - 762 MHz to 806 MHz
- 4043-2-480504-0201 - 806 MHz to 869 MHz
- 4043-2-490504-0201 - 896 MHz to 940 MHz

Key Features:

- RS-485 interface enables daisy-chain multiple sensors
- Fully CE and ROHS complaint



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QUALITY INTEGRITY SERVICE

Freedom's new 8100 RF Test

The R8100 brings an entirely new level of flexibility, power and portability to LMR maintenance. In addition to all of the capability of the industry-standard R8000, it boasts an internal battery, brilliant color-enhanced LCD and MIL-SPEC class 3 shock and vibration rating! These features, along with the R8100's ruggedized carrying handle, spin-knob data entry, headphone jack and multiple language capability all combine to make the R8100 the most powerful, versatile service monitor ever made.

Boasting the same industry-leading spectral purity as the R8000, the R8100 has the following additional features:

- Field-swappable internal battery
- MIL SPEC Class 3 shock & vibration rating. Brilliant, color-enhanced LCD display
- Foreign language Softkeys (French, German & Spanish)
- Headphone jack for use in high noise environments
- Tuning knob useable for data entry
- Ruggedized carrying handle



Watch video demonstration

R8100 comes standard with:

- High performance spectrum analyzer including proprietary "Dual Display"
- Tracking generator
- Cable fault locator

www.freedomcte.com

