



Alster News



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Icom—F7000 Series P25 Portable

The F7000 series P25 portables support the ever-advancing P25 standard. The needs for both public service and public safety organizations are also addressed with these radios. Icom's third generation of this product not only captures the essentials but offers dozens of new features and functions all in one new small form factor size. Public service and public safety organizations will like the built-in SD Card, GPS, USB interface, Bluetooth®, and color display. Activation options for trunking, OTAR, OTAP and more, allow for expanded or upgraded services without burdening the user with unnecessary features. Icom is the

choice when you want to take your P25 communications to the next level.

The high-resolution color LCD enhances the visibility both in natural and indoor lighting. Clearly labeled function and menu items make it easy to understand icons and characters. The night mode LCD setting is an alternative for use in nighttime or low lighting conditions. The glass is scratch resistant to protect from cracks and scratches.

The F7000 series can record incoming and outgoing communications and replay recorded communications. Add a 32GB microSD card and record up to 500 hours.

The recorded audio is saved in "wav" format and allows user to replay on the radio or a PC. Users can optionally overwrite first call in first call out if the card is full. The recording captures timestamp and individual or group ID. Unit ID is captured on individually calls and group ID is captured on group calls. Users can also scroll to playback calls on the radio.

Contact us for more information.



<https://www.icomamerica.com/en/products/landmobile/portables/f7010series/default.aspx>

ACES 2021 Schedule / Boise / Butte / Spokane

The Alster Communications Electronics Showcase (ACES) is a one day training and product showcase put on with the support of the Manufacturers that Alster represents.

We provide 6 technical seminars throughout the day and dedicated time with our Manufacturers to see the latest

products available in the Communications industry.

ACES is a great day of training and networking with your peers in the Industry. We also provide lunch and giveaways all at no cost to our Customers!

We will be in the following three cities.

Boise, ID Oct. 12th
Butte, MT Oct. 13th
Spokane, WA Oct 14th.

Registration link:

<http://www.alster.com/news-events/>





STI—Verify Wireless Coverage

Take the guesswork out of inbuilding coverage!

Survey Technologies (STI) Indoor coverage testing solutions utilize test portables for coverage and performance measurements of Project 25 phase I/II or conventional. Leveraging a test portables selectivity and sensitivity, STI's Field Test 7 will accurately measure signals even in difficult RF environments like

in buildings with marginal signal conditions.

Field Test 7 can analyze measurements statistically to quantity coverage as required in acceptance tests, and fire codes with Tiles/Grids or graphically display coverage as colored plots.

If you are responsible for the coverage of a critical communications system, Survey Technologies can

help you verify and document the measure RF coverage and performance, elimination the guesswork.

STI Field Test 7 Indoor bundle with Test Portable is available for Survey Technologies in either VHF, UHF, or 700/800 MHz dual band for \$15,500.00 ready to install on your Windows 10 computer or tablet.

Contact us for more for more information!



<https://www.surveytech.com/products/>

Lyncole— XIT Grounding System

Lyncole invented the XIT Grounding System for today's digital facilities. The XIT System was the original patented electrolytic ground rod system.

By installing an XIT System, you can assure safety, low systems to ground resistance and a 30 to 50 year life expectancy. Whether for lightning protection or facility grounding, the XIT System is

a far more applicable solution for service entrance grounding at today's digital facilities. It comes in both vertical, and "L" shaped rod solutions that make installation on new facilities easy and convenient.

The XIT System Provides:

- Consistent, low impedance, low resistance earth ground that will remain for years to come

- Continuously UL listed since 1982
- No hazardous materials or chemicals are used in producing the XIT rods
- Lynconite II® backfill materials provides a pH balanced environment, inhibiting corrosion
- Active grounding system replenishes soil moisture, no watering is necessary .



<https://vfclp.com/lyncole/>

Bird— Master RF Test Kit

Bird's Master RF Test Kit combines the best of both worlds in RF testing needs for maintaining your RF integrity.

This Master RF Test kit provides all the necessary equipment needed for field technicians and engineers for installation, troubleshooting, and maintenance of coaxial cable and antenna systems and analysis of system per-

formance.

This comprehensive exclusive kit provides coverage with our SiteHawk™ Cable and Antenna Analyzer, SignalHawk™ Spectrum Analyzer, including a power sensor, calibration combo and all must have connection needs with an assortment of adapters, and cables all housed in an organized case.

Coverage you need with any cable & antenna installation and maintenance for wireless service providers, contractors, military, aerospace and defense, and public safety applications. Quick and easy interference analysis of cellular systems, land mobile radio systems, Wi-Fi. Contact us for more information.



<https://birdrf.com/Products/Test%20and%20Measurement/Analyzers/RF-Cable-Antenna-Testers/7003A001-Series-General-Test-Kits.aspx>



Federal Signal IP-enabled Speaker

The Informer I5 Speaker is a 15-watt, IP-enabled indoor and outdoor speaker. It can be used as a warning and alert device with both audible and visual indicators. The audible capabilities include locally stored high-quality, high-powered tones and voice messages. The visual indicators include the use of message board/scrolling display sign support, strobes, lights, and beacons. It's equipped with up to four local initiation devices switch-

es) to activate the unit locally and to the Commander® controller for mass notification communications. The Informer I5 Speaker has an internal 15-watt amplifier/driver to deliver tone warnings and intelligible voice messages from Informer IP stored memory. It also has several unique capabilities when working with the Federal Signal Commander software. Using Commander software, the Informer I5 can play text-to-speech, stream

WAV files or can broadcast live PA. In addition, Informer I5 has:

- Talk/listen to individual Informer I5's
- Remote volume control for optimizing sound levels and ambient-noise-monitoring capability to auto adjust
- Connection of up to four external switches to activate predefined alert
- Can be a standalone device
- One output to control the visual indicator and output to activate external relay



<https://www.fedsig.com/product/15w-ip-enabled-speaker-0>

Cadex - C7X00 Series Analyzers

The Cadex C7x00 Series battery analyzers offer a platform that fulfills virtually all battery testing and conditioning needs. With features such as QuickSort™ that checks lithium-ion batteries in 30 seconds, and Boost that revives dead packs, the C7x00 truly masters battery testing.

Slide a battery into one of our 1,500 custom Battery Adapters, or use a

Universal Adapter and you will discover why the C7x00 has become the world's leading battery analyzer.

The C7200 Two-Station suits smaller organizations and storefront operations. 40 watts of charge power at 4 amps per station ensure quick service of larger batteries.

The C7400 Four-Station with four-stations and 80

watts of charge power, the Cadex C7400 is most economical in terms of cost per station.

The Cadex C7400ER is the most powerful of the C7000 Series battery analyzers. Six amps per station, service of 36 volt batteries and 170 watts of continuous power satisfies most service requirements.

Give us a call for more information. Ω



<https://www.cadex.com/en/products/battery-analyzers>

Codan— Stratus Repeaters

CODAN Stratus™ is the first P25/LTE (FirstNet-ready) hybrid solution that leverages the strengths of both technologies to provide secure mobile and fixed voice networks. With the power of P25 and LTE, Stratus integrates a VHF/UHF/700-800 MHz P25 repeater, Universal Interface Card (UIC) and LTE modem, linking instantaneously into established networks or creating a new communications network without

requiring a hard wired ethernet connection.

Stratus is available as a Fixed Site solution or a rugged Tactical Repeater. The deployable Stratus Tactical Repeater has the mobility of a subscriber unit in a lightweight, easily transportable infrastructure solution, ensuring complete system and network coverage from any location. The Stratus Fixed Site solution is a 2RU unit

that seamlessly integrates into a fixed network to save on costly leased lines and T1 connections.

In just minutes you can deploy a Stratus network solution consisting of a Stratus repeater, power center and rapid antenna. The Stratus network automatically establishes connections with P25 subscribers, the Stratus server and P25 DFSI consoles ensuring your teams are connected and up to date.



<https://codancomms.com/products/stratus>



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JPS—ACU Z1 Gateway

The ACU-Z1 builds on the capabilities of the JPS flagship ACU-1000/2000 series of radio interoperability gateways with a variety of useful and efficient new features. Its design pays close attention to those aspects our customers deem most vital. The unit is modular and highly flexible, with connection capability to all types of voice communications devices, including Smartphones. The ACU-Z1 is fully IP-centric, and possesses significant headroom - ready for the enhancements already loaded into its product roadmap, not to mention the innovative ideas that its users will supply.

The ACU-Z1 has an intuitive browser-based GUI for control and monitoring of the system. Operators can even employ their browsers as mini-dispatch stations, using select interfaces to send and receive audio from selected interoperability system endpoints.

This network-focused design also allows the companion RSP-Z2 dual channel radio interface unit, as well as additional ACU-Z1 and NXU-2B gateways, to be integrated via IP into large interoperability systems con-

trolled by the highly scalable web-based browser. Creating these wide area systems does not tie up any modules on the controlling ACU-Z1, with all input from these communications devices coming in via IP to the CPM module via an external IP network.

Many features of the ACU-Z1 and its browser-based interface take advantage of this methodology to provide significant value to system operators. Embedded dispatching, monitoring, and recording are all natively available on the gateway. Furthermore, IP resources may be utilized without tying up valuable hardware - virtual channels are built to communicate with remote JPS devices, and individual modules may function as radio/IP passthrough channels. Contact us for more information.



Save the Date!

ACES

October 2021

Boise, ID 12th

Butte, MT 13th

Spokane, WA 14th

<https://www.jpsinterop.com/products/acu-z1-interoperability-roip-sip-rtp/>