

Alster News



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R&S®FSH

Handheld Spectrum Analyzer

The R&S®FSH All –n—One handheld spectrum analyzer is a spectrum analyzer, network analyzer, cable and antenna analyzer, interference hunting analyzer and power meter. The feature-packed analyzer makes field measurements simple and efficient. The rugged design and built-in handle makes it ideal for any outdoor tasks.

The R&S®FSH is a handheld spectrum analyzer and – Depending on the model and the options installed – a power meter, a cable and antenna tester and a two-port vector network analyzer. It provides the most important RF analysis functions that an RF service technician or an installation and

maintenance team needs to solve daily routine measurement tasks. For example, it can be used for maintaining or installing transmitter systems, checking cables and antennas, assessing signal quality in broadcasting, radiocommunications and service, measuring electric field strength or in simple lab applications. Weighing only 3 kg.

All frequently used functions have their own function keys and are within fingertip reach. The brilliant color display is easy to read even under poor lighting conditions, and it has a monochrome mode for extreme conditions.

The capacity of the battery enables uninterrupted operation for up to 4.5 hours. The battery is changed within seconds and all connectors are splash-proof.

Key Features:

- Installation & maintenance of transmitter stations
- Interference analysis, geotagging, indoor mapping
- Measurements of electromagnetic field

Contact us for more information on the full line of R&S Spectrum Analyzers!



PYRAMID COMMUNICATIONS

Enhanced Digital Vehicular Repeater

SVR-P252 P25

The SVR-P252 is the latest generation full-duplex vehicular repeater from Pyramid Communications that is fully compliant with the APCO Project 25 Phase I Digital Common Air Interface (CAI) protocol. With Local Repeat (extending local coverage between portable users on a scene) and System Repeat (extending portable radio coverage back to dispatch using attached mobile radio interface), the SVR-P252 provides uncompromising on-scene coverage.

The all new P25 SmartTrunking™ feature works with KENWOOD Viking portables and Viking VM900 mobile radios to create a seamless trunking

handshake between the mobile radio network and SVR-P252 user. This ensures that portable radio users outside the vehicle get quick and accurate notifications of all transmissions to the P25 network. Users will get indications of Channel Grant, Busy, Denial, Out of Range just as if they were on a trunked channel of the digital network. In addition, the SVR-P252 offers optional AES and DES encryption, and enhanced P25 emergency signaling from portable to dispatch through the SVR-P252. This allows the SVR to relay an emergency with Hot Mic from the portable radio user.

The SVR-P252 also utilizes the Pyramid's latest ESP™ priority structure that resolves priority conflicts during repeater idle time rather than at the critical start of a conversation. With ESP™, priority vehicles are assigned without user intervention to ensure uninterrupted communications when users exit their vehicles. ESP™ also ensures a quick recovery if two vehicles get in a priority mode at one scene.



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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, eliminating 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!



STI
Verify Wireless Coverage

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 .



Lyncole
XIT Grounding System

Viavi - EF Johnson Auto - Test

VIAMI Solutions and EF Johnson Technologies Expand Auto-Test Capabilities

VIAMI Solutions and EF Johnson Technologies announced automated test for KENWOOD Viking® VM6730, VM6830, VM6930, VM7730, and VM7830 radios, and high power VM radio models

VM5730H, VM7630H, and VM7730H on the 3920B Radio Test Platform and the 8800SX Digital Radio Test Set.

By using VIAMI's Auto-Test applications, radio technicians can perform fast and repeatable automated testing and alignment matching the KENWOOD Viking radio

maintenance specification on the 3920B and the 8800SX. In addition to the newly added VM6730, VM6830, VM6930, VM7730, VM7830, VM5730H, VM7630H, and VM7730H, both VIAMI test sets have Auto-Test support for KENWOOD Viking VM5000 series mobile radios, VP900, VP5000, and VP6000 series



Viavi
New Auto-Test



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



**Federal Signal
15W IP-Enabled**

InterTalk—Enlite Dispatch

Enlite™ is a cloud-based public safety grade radio and telephone dispatch console, system and intelligent dashboard. It empowers dispatchers by bringing together traditional radio (LMR), digital radio protocols and telephone dispatch communications with all types of information integrations. The integration of inputs, like video & alarm software, social media, map-

ping and AVL systems, IoT sensors, real-time video and images, integrated archival recording, and instant replay recording make for a uniquely robust platform. Enlite enables you to coordinate radio and telephony communication and enhance situational awareness from wherever the action is:

- Intelligent
- Affordable

- Connect Anywhere
- Secure
- Reliable
- Technology Bridging
- User Friendly
- User Experience (UX)
- Cloud or On-Premises Infrastructure

Contact us for more information!



**InterTalk
Enlite**

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.



**Codan
Stratus**



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ACES Changing Dates

Due to COVID-19 we have cancelled ACES for 2020.

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.

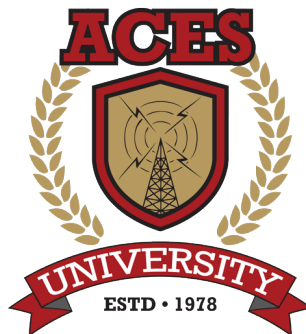
ACES is a great day of training and networking with your peers in the Industry. We also

provide lunch and giveaways all at no cost to our Customers!

Please go to:

alster.com/news-events/

To register for an ACES near you. Ω



ACES

Spring of 2021

Date: TBA