

# Alster News



Issue 09  
September 2021

## 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 Manufactur-

ers 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



### Bluetooth Revo NC2 Speaker Mic

The newest member of the OTTO family of speaker mics. With OTTO's HD Voice technology and long lasting battery life, this is a must-have speaker mic. Built-in Bluetooth wirelessly pairs with smartphones, tablets and selected Bluetooth enabled two-way radios. It provides convenient hands-free listening and easy push-to-talk without the safety hazard of a cable connection.

The Bluetooth Revo

NC2 features OTTO's patented, high-performance noise-canceling microphone that ensures optimum voice clarity in high-noise situations.

Fast Facts about the

Bluetooth Revo NC2:

Integrated rechargeable and replaceable battery provides up to 12 hours of service and charges easily via a micro USB cable

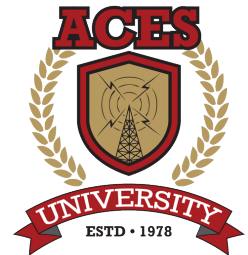
High definition audio am-

plifier delivers clear transmissions

Boise, ID Oct. 12th

Butte, MT Oct. 13th

Spokane, WA Oct 14th.



Registration link:

<http://www.alster.com/>

[news-events/](#)



plifier delivers clear transmissions

Easy-to-use push-to-talk (PTT) button can be used with two-way radios or mobile devices running apps like ESChat or Zello

Built-in debris screen keeps dust and dirt from impacting transmission clarity

Heavy-duty clothing clip rotates 360 degrees for precise, convenient positioning.



## 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 (switches) 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.



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

## Times - MaxGain Cable

MaxGain® ultra low loss, flexible microwave coaxial cable and a full range of passivated stainless-steel connectors are available as fully tested custom cable assemblies. MaxGain® assemblies are used for general applications in both field and laboratory conditions. They are ideally suited for applications where lowest loss and good

stability over flexure is required.

Features & Benefits:

- Lowest insertion loss available, DC - 50 GHz
- Ultra stable insertion loss and VSWR with flexing
- With wide temperature range (-65° C to + 150° C)
- Extremely flexible, low minimum bend radius

- Superior shielding effectiveness (> 90 dB)
- Typical VSWR for assemblies is <1.40:1 at maximum frequencies

Connectors are available in a wide range of precision interfaces including: Type N, TNC SMA, 2.92mm(k), 2.4mm, SMP and MMP. Replaceable interface versions also available.



<https://www.timesmicrowave.com/DataSheets/Categories/Maxgain.pdf>

## Bird - SiteHawk SK-6000-TC

SK-6000-TC, 1 MHz to 6 GHz SiteHawk Cable and Antenna Analyzer  
The SK-6000-TC, RF Analyzer features an intuitive interface and is easy to operate in the field for first-time, occasional and experienced users. Substantial internal storage eliminates the need to worry about file storage, holding thousands of traces on the

device for future analysis or reporting.

The FDR (Frequency Domain Reflectometry) measurement method results in a highly reliable assessment of the health of critical components in your system; ultimately providing a "heads-up" before a failure occurs. The Fault location or DTF mode indicates VSWR or

Return Loss levels at each point along the cable and antenna system length and the Cable Loss function measures insertion loss of the cable system over a given frequency range. The SiteHawk features a USB communication port for connection to storage device and battery charging and the unit comes with a Three-Year Warranty.



<https://birdrf.com/en/Products/Test%20and%20Measurement/Analyzers/RF-Cable-Antenna-Testers/SK-6000-TC-SiteHawk-Analyzer.aspx>



## Codan - MT-4E Repeater / Base

Codan's MT-4E Series analog and P25 infrastructure platform continues to offer industry-leading reliability, flexibility and performance. The MT-4E Series is the foundation for thousands of radio sites, either as standalone repeaters/base stations, or providing coverage into the most challenging environments. From remote

mountaintop base stations and repeaters, to voting and simulcast solutions, to trunked radio systems, thousands of users across the globe trust their business and their safety to the MT-4E's seamless and problem-free operation.

The MT-4E Series is a modular system based on a 19-inch subrack platform consisting of a signal rout-

ing motherboard and 3RU rack mounting chassis. Hot-swappable RF and control modules are arranged in the subrack housing to create a multitude of different repeater and base station system configurations to suit any communications need. Available in VHF, UHF, 700/800/900 MHz bands and analog or P25.



<https://codancomms.com/products/mt-4e-series>

## Icom—IC SAT100 Satellite Radio

SATELLITE PTT (Push-To-Talk) is a two-way radio system that uses the Iridium® satellite network. It can be used as a communication tool in remote, isolated areas where there are no mobile phones or landline network infrastructure. Even if terrestrial network infrastructure is rendered unusable by human or natural disasters,

SATELLITE PTT can provide a stable back-up, independent from other networks.

Communication fees are typically charged at a flat rate through a monthly plan, and there are no additional call charges.

Using 66 Low Earth Orbit (LEO) Iridium® satellites, the IC-SAT100 provides low-latency communication, and

broader, more reliable network coverage, compared to Geosynchronous Equatorial Orbit (GEO) satellite.

1500 mW powerful audio • 14.5 hours\* of long lasting battery life • Short Data Message function • Voice Recording function • Bluetooth® capability • Integrated GPS receiver shows a received position information on the display.



<https://www.icomamerica.com/en/products/network/satellite/sat100/default.aspx>

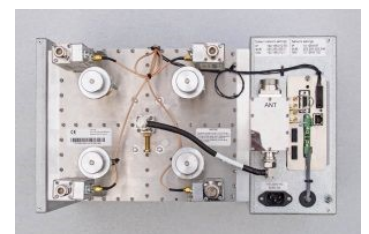
## TXRX - Compact Combiners

TX RX provides a line of compact combiners, available in UHF and 700/800/900 MHz, that feature integrated antenna power monitors. Each combiner has a base configuration of 4 channels with options for expansion.

The Ethernet/SNMP/SYSLOG enabled monitor provides information on forward power, reflected power, antenna VSWR, and heat sink temperature while also allowing for easy factory or field tuning using only the base station

radio and a PC. Alarms are generated upon high antenna VSWR and/or high temperature and are user configured through Ethernet or SNMP.

Contact us today for more information  $\Omega$



<https://txrx.com/media/8d8574952c177f7/ds18994.pdf>