

Alster News

Larsen/Talley 10% Discount

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Alster Communications, LLC, is excited to have mobile antennas to sell again, having been selected by Larsen Antennas as their new rep. To celebrate our selection, we have asked Talley Communications, 800-949-7079, to provide our mutual customers a 10% discount on all Larsen orders over \$500 sold by them in the Pacific Northwest through the month of May 2008. When you call Talley, please ask for Sue or Curtis, they will take care of you.

10% Discount

Talley will provide you a 10% discount on all Larsen orders over \$500 including these top ten sellers:

- NM0150BK** - VHF, 3 dB - complete antenna
- NM0150C** - VHF, 2.5 dB - base and whip
- NMOWB150C** - VHF, 2.5 dB - wideband base and whip
- NM0150/450/800** - 3-band - base and whip
- NM04503CS** - UHF, 3.0 dB - base and whip
- NM03E700B** - 700, 3.2 dB - base and whip
- NM03E800B** - 800, 3.2 dB - base and whip
- NM03E800BMPL** - 800, 3.2 dB - complete
- NMOKUD** - Dual shield mount - no connector
- NMOKHFUD** - Dual shield mount - high frequency - no connector



Larsen Antennas For Public Safety

If you have a special project antenna, you can apply the local engineering staff at Larsen to help design a solution to suit your needs. Several of their standard antennas have been the result of a "special" need.

Antenna Sourcebook 9

Alster wants to make sure you have the latest edition of the Antenna Sourcebook. It is Volume 9. If you do not have a volume 9 catalog, let us know and we will take care of that immediately.

We are grateful to Larsen for choosing us. We are more grateful to our customers who continue to choose to buy the products

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Larsen Chooses Alster As New Representative

We are pleased to announce that Larsen Antennas, a division of Pulse, has selected Alster Communications, LLC, as the new representative for the Pacific Northwest.

Larsen has a long history of being a local manufacturer of quality antennas. Being local provides better access to the factory by you the customer.

Alster has a long history of being a local representative providing support to our

customers and factories. Buying your antennas through your local distributor with the technical help from your local representative makes more sense than buying from a factory direct sales person who lives out of the area.

So, instead of calling Illinois for technical assistance or a price check, we ask that you help us by buying local product from your local distributor and rep. Ω

EMTools - Weather/Siren Control

Federal Safety and Security announces a new software product called EMTools. EMTools can allow Emergency Managers to monitor live weather data from local and NOAA weather stations, listen to NOAA Weather Radio All Hazards streaming audio, receive weather alerts from NOAA via CAP (Common Alerting Protocol), activate outdoor warning sirens, forward NOAA alerts to various devices to warn citizens of impending dangerous conditions, and simultaneously view, control, and record video from multiple video cameras.

Instant Weather

Within the EMTools software, instant weather data from local and NOAA weather stations can be viewed and monitored. In

addition, EMTools interfaces to the National Weather Service's CAP Server and constantly monitors weather alerts from NOAA. EMTools allows users to configure and automate pre-defined actions based on the alert events.

Full GIS Mapping

EMTools is fully integrated with a GIS mapping package and can display radar images received from the NOAA website. Customer defined servers may also be accessed for real-time viewing. Users can determine which alerts they wish to receive. When an alert occurs, the alert message can be scrolled across the top of the screen and be configured for an audible alert.

For more information, please give me a call and we will set up a demonstration.



EMTools
Desktop Icon

TXRX Systems - Tower Top Amplifier

The new compact **Tower-Top Amplifier (TTA)** system is a high performance, quadrature-coupled low noise amplifier (LNA) designed to increase the performance of a **Base Transceiver Station (BTS)** while ensuring reliable communications for critical Public Safety applications. This increase in sensitivity can make up for the imbalance between mobile and handheld users in critical systems.

The TTA system consists of two components: the Tower-Top Amplifier mounted close to the antenna and the Receiver Multi-

coupler base unit. To reduce the size of the TTA and simultaneously provide 120 dB of isolation of a TX carrier, filtering has been split between the TTA and the base unit.

Two independent LNA's, each powered by separate bias circuits, provides component redundancy as well as excellent intermodulation (IM) performance. Microprocessor-controlled fault detection circuitry provides continuous monitoring and switching of each quad-LNA while sending operational data to the base unit for at-a-glance status reporting and form A contact alarm. Ω

*TXRX Systems
Tower Top
Amplifiers*

Aeroflex - 3500 With Spectrum Analyzer

The Aeroflex 3500 combines many of the features of a bench top radio test set. Based on a rugged design that has been approved by the U. S. military, the 3500 offers a wide range of RF test and analysis tools. Features such as Frequency Domain Reflectometer (FDR), broadband power meter, frequency meter, deviation and modulation Index, SINAD and distortion measurements set the 3500 apart from other portable RF test equipment.

Spectrum Analyzer

Aeroflex's 3500 hand-held 1 GHz Radio Test Set now has a new RF spectrum analyzer option. The new spectrum analyzer option now allows users to see the signal they are receiving. In addition, the 3500 will have P25 parametric test capabilities by summer 2008, making it even more versatile.

Call me for a demonstration. Ω



3500 Now With
Spectrum Analyzer

JPS P25CC P-25 Channel Controller

Simply stated, the P25CC converts your legacy analog channels to P25 functionality. The P25CC offers all mandatory P25 call types and provides a full suite of features for conventional as well as single site or multi-site trunking systems.

How Does It Work?

The conversion to P25 functionality is accomplished through a sophisticated manipulation of the baseband audio which leaves existing RF infrastructure in place. Digital data transmissions from P25 mobile and handheld units are received by an existing analog base station, whose baseband audio is passed on to the P25CC. This audio

is processed by Etherstack's Interoperable P25 Base Station Protocol Stack software which then deciphers the digital data and sends P25-modulated baseband audio to the analog base station for transmission to the field units. In accordance with the P25 standard, compatibility with existing analog radios is maintained.

One P25CC unit with a single channel board is required for the first channel. Additional boards are installed in the P25CC chassis thereafter until the four-channel limit is reached. If control of more than four base stations is required, multiple P25CC units can be networked together.

Please call for more information. Ω



P25CC Digital Trunking Controller

Times Microwave T-Rad Leaky Feeder Cable

Times Microwave Systems' T-Rad 50 ohm, leaky feeder coax radiating cables provide cost effective radio frequency coverage in enclosed or underground areas, where single point source antennas are not practical. Applications include: metro stations, tunnels, ships, and in-building wireless systems.

T-Rad cables may also be used as a single backbone, supplying multiple services across a broad frequency range from AM radio rebroadcast through the higher frequency 802.11 WLAN applications.

T-Rad-600's flexibility, combined with Times' "EZ" attachment connectors make quick and easy installations possible for a wide variety of interior communications applications.

T-Rad-600 is used as a backbone to provide radio frequency coverage throughout the mile long rail tunnels between New Jersey and lower Manhattan. A cascaded amplifier system offsets the attenuation and coupling losses, which are characteristics of all leaky feeder systems.

Would you like to see a sample?

*Times Microwave
T-Rad Leaky
Feeder Cable -
wonderful for in-
building RF needs*

Otto Hurricane II Headset

The Hurricane II headset is designed to provide the performance of a heavy duty headset in a high noise environment without all of the weight and bulk.

The dual earloops ship standard with NoisEzsm Ear Tips with an NRR rating of 29dB. The user can easily convert the headset for use in a low noise environment by simply switching out the eartips.

This unit is recommended for Public Safety Markets (police, fire, SWAT and EMT

services), heavy duty manufacturing, airline industries and any other applications that require a lightweight headset alternative in a high noise environment.

Remote PTT Options

You can choose several PTT options for the Hurricane and other Otto audio devices. These include Ring PTT, 80 mm "armpit," flat PTT, barrel PTT and 2.5 mm remote connection. Would you like to see one? Ω



Otto Hurricane II Headset

Competition - The Choice Is Yours

One of the advantages of living in the United States is our freedom. You have the freedom of choice when it comes to buying products and services you need.

Choosing Alster

With your freedom of choice in mind, we at Alster would like to thank you for choosing to buy products we represent. When you choose to buy these products, you create income for our families. Thank you.

Rep vs. Direct

There is a difference between being a representative and a factory direct sales person. As a rep, we are only paid when a customer buys something and we pay our own expenses. A factory sales person gets their salary and traveling expenses whether they sell something or not.

Therefore, it is in our best interest to give you superior service so that you will

want to buy our products. We try to earn your business because without you choosing to buy our products we are nothing.

ACES October 2008

We will hold our 2008 ACES the first week of October at the following locations:

Boise, Idaho

Helena, Montana

Spokane, Washington

See you there!

ACES Hawaii 2009

Mark your calendars for Thursday, February 12, 2009 for the Alster Communications Electronic Showcase being held in Honolulu, Hawaii. Ω

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