

Alster News

In This Month's Issue

- Multiplier - New Lower Pricing
- FWS - UltraVoice Controller
- Times Microwave TuffGrip
- Gabriel - Quick Delivery

The New Multiplier - Lower Pricing

Multiplier Industries was purchased in 2006 by Uniross, a battery manufacturer in Europe. The new management has taken the historical strengths of Multiplier USA made, high quality and high stocking levels for immediate shipment, and combined that with better buying power to reduce your cost for replacement batteries.

Lower Pricing

Effective March 1, 2008, Multiplier reduced your cost on their batteries in general and adding quantity discounts. When you are ready to purchase your next batch of batteries, be sure to contact your local dealer or distributor for the new pricing on Multiplier products.

Primary Lithium

They have increased their offering of primary batteries to include alkaline and lithium AA, AAA, C, D and 9V cell packs. The AA and AAA come in 40 count packs and the C, D and 9V come in 12 count packs.

In-Vehicle Charger

Another new product is the in-vehicle charger system for Motorola batteries including the CP/MTS/MTX/XTS and others.



Rechargeable and Primary Batteries From Multiplier

Chemistry For You?

The Ni-Cad battery chemistry is ideal for longer duty cycles and warmer or colder operating climates.

The Nickel-Metal-Hydrid battery chemistry is more environmentally friendly and lighter weight and has more talk time than a Ni-Cad. It is better for shorter duty cycles.

The Lithium-Ion battery chemistry is lighter and enjoys extended talk time compared to the Ni-MH, but needs to operate in moderate temperatures. Please call me for more information. Ω

Federal Safety Products - Ultra-voice is ultra flexible	2
JDSU - Improves their popular HST-3000 Handheld test set	2
SunWest - Brings Cellular/PCS Communications to wheels	2
Times Microwave - TuffGrip Silver-Line Cables	3
Bird/TXRX Systems - Both are RoHS Compliant	3
Watson Dispatch Furniture - Continues to evolve Synergy	3
Gabriel - Microwave Dishes with quick delivery	4

JPS Communications - 24 Hour Hot Line

JPS Communications offers a 24-hour customer support hotline to assist you with Interoperability.

Available to U.S. and Canadian customers only, it is designed to offer customers an outstanding level of service.

800-498-3137

Customers can call (800) 498-3137 for immediate assistance with any technical

problems, day or night. The 24-hour customer support hotline is available to JPS customers needing assistance with our voter equipment, ACU products, NXU-2A, VoIP/RoIP products and to the customers who purchase the 24-hour support with system installations.

For more information on our 24-hour Support Hotline, please visit:
<http://www.jps.com/247>. Ω

Federal Warning UltraVoice Siren Controller

The UltraVoice is a Siren Controller for Electronic Sirens with massive capabilities. Electronic Sirens are speaker arrays that broadcast siren tones and voice.

The UltraVoice can run up to 50 different programs, each with up to 20 stacked functions. A function could be arm/disarm, Hi power, test, wail, pulsed wail and up to 16 different recorded messages, for a total of eight minutes of voice broadcast..

The UltraVoice allows local activation for the first seven programs, plus a master reset.

Class D Amplifiers

The UltraVoice uses class D-PWM (Pulse width modulated) amplifiers. These are much more efficient than the amplifiers used

by our competitors. As a matter of fact, they are 90% efficient for siren tones and 80% efficient for voice - allowing them to run cooler and last longer. These amplifiers are also hot-swappable.

The amplifier outputs are physically disconnected from the siren when not active. This reduces lightning induced spikes and allows for servicing without additional disconnecting by a technician.

Diagnostics

The UltraVoice monitors and provides updates on each amplifier, master current, batteries, charger, AC power and control box or activation box intrusion.

Call me for information about upgrading your Electronic Siren with UltraVoice. Ω



The UltraVoice Siren Controller

JDSU - Upgrades Popular HST3000

JDSU announced added functionality to the HST-3000 including a new VDSL service interface module using an Infineon Technologies chipset and licensed option for Dr. DSL® diagnostic solutions. Both features provide testing power for field technicians working access networks and high bit-rate triple-play services, including IPTV and HDTV.

Using the HST 3000, technicians are able to test across VDSL and ADSL/ADSL2+, including Ikanos, Accelity, and Broadcom VDSL 2 chipsets and the Dr. DSL enables them to perform far-end and in-home physi-

cal layer loop diagnostics, DSLAM and customer premises modem emulation, ATM layer testing, and end-to-end IP connectivity.

In addition to its complete set of DSL test features, the HST-3000 also provides licensed test support for vendor-specific versions of IPTV such as MSTV. The JDSU HST-3000 was the first hand-held field test tool to provide basic turn-up and troubleshooting of VoIP deployment, supporting physical layer analysis through packet metrics, signaling analysis and voice quality determination.

Call for more information. Ω

JDSU Adds Features To The Popular HST-3000

SunWest - Brings RF To The Field

SunWest Engineering manufactures a variety of communications cabinets and places them on a:

SKID

Cabinets sizes from "4-bay or rack" to "10-bay or rack" are available and can be installed on a skid. The skid allows larger cabinets to be placed more permanently, but still take advantage of a temporary permit process. These Cell-On-Skid put a site on the air while construction of a permanent

shelter is underway.

TRAILER

The Cell-On-Trailer allows for quick deployment of a semi-stationary communications site for large events.

TRUCK

The Cell-On-Wheels allows for quick deployment of temporary communications as needed. Their customers include AT&T, Cingular, NexTel and Verizon. Ω



SunWest Engineering Cell-On-Wheels

Times Microwave - Cables/Connectors

Times Microwave Systems has added precision, high quality stainless steel adaptors to complement our **SilverLine TuffGrip Test Cables**. These new **TuffGrip** adaptors are much more durable than typical nickel-plated brass adaptors.

TuffGrip Adaptors

TuffGrip adaptors are competitively priced but made in the USA from high quality stainless steel. The Type N male and female bullet adaptors provide excellent performance to 18 GHz with exceptionally low VSWR. The 7-16 DIN adaptors are laboratory grade but designed to be rugged enough to provide long life in field applications.

The coupling action on these large connectors is smooth and easy. These precision adaptors are available in the following interface configurations:

7-16 DIN female to 7-16 DIN female
N male to N male
N female to N female
N male to 7-16 DIN female
N male to 7-16 DIN male

SilverLine TuffGrip Test Cables are rugged, phase stable test cables for field RF test and measurement.

Please call me for more information or a demonstration of SilverLine Test Cables. Ω



**SilverLine
Test Cables**

Bird/TXR Systems - RoHS Compliant

Bird Technologies' is committed to provide its worldwide customers with products that are environmentally compatible while also meeting our commitment to quality, performance, and reliability. We are complying with the European RoHS Directive and China RoHS regulations.

What Is RoHS?

The **Restriction of Hazardous Substances Directive (RoHS)** became European Law in 2003. RoHS restricts the use of lead (Pb), cadmium (Cd), mercury (Hg), hexava-

lent chromium (Cr6+), polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) in electronic equipment. These materials are also restricted per the China RoHS regulations.

New Signal Hawk

The Signal Hawk Series is the most user-friendly test solution for installing, maintaining and troubleshooting all segments of RF communication systems. Field engineers and technicians can rely on this rugged handheld tool to get the job done. Ω

*New Signal Hawk
is a hand held
Spectrum Analyzer
by Bird
Technologies*

Watson Dispatch Furniture - Moving Ahead

Watson Dispatch Furniture continues to enhance their Synergy product line.

Synergy

Encompassing the industry's most resilient dispatch consoles, the Synergy product includes groundbreaking environmental comfort system, unique storage solutions, and a range of conferencing, administrative, and private office furnishings. Synergy is a complete family of products designed to enhance the entire Communications Center.

Watson Dispatch recognizes the unique challenges and requirements of the 24 / 7 emergency communication environment. With decades of experience in ergonomic furniture design, we have developed the industry's most ergonomically sound workstation, Synergy™.

Space Planning

Plan on upgrading your 911, 24/7 dispatch center and give me a call for free space planning. Ω



**Synergy
Dispatch System**

Gabriel Has Quick Delivery For Dishes

Do you need quick delivery of a microwave dish? Do you know what you need? Here is a great web site to help you decide what you need: <http://www.gdsatcom.com/configure.html>

It will take you to the Gabriel configuration page, allowing you to configure the antenna you need. Follow the prompts to review dishes by frequency; then look for options such as radome and mounting.

Once you have found the dish, radome and mounting solution you need, you can check stock at Gabriel where they keep many popular antennas in ready for immediate shipment or:

Distributors

Gabriel is stocked by Talley Communications, warehouse in Auburn, Washington and Tessco Communications, warehouse in Reno, Nevada.

Whether you chose to buy through distri-

bution or direct, you can get great pricing and quick delivery on Gabriel Microwave Dishes.

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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