



BROADCAST WORLD NEWS

VOL22 ISSUE 4 NOVEMBER 2005

ORBAN/CRL CONTINUES IT'S LEADERSHIP IN THE PHILIPPINES

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Broadcast World has long been known for its dedication to the Philippine Broadcasters in the search for an audio processor that would satisfy their needs.

With its appointment as exclusive distributor for CRL/ORBAN products in the Philippines, BWPSI has worked hard to support the products sold and represented in the Philippines.

CRL/Orban's more than 20 years of service, dedication, assistance and education to the KBP has been attributed to the tireless efforts of its founder, the late Ron Jones who made it a personal mission to improve the performance and audio quality of the highly competitive Philippine Broadcast Industry.

Mr. Jay Brentlinger, President of Orban/CRL says "I am grateful for the opportunity to continue the work started by Ron Jones".

Orban/CRL continues to be the leader in the Philippines having about 80% market share in the Philippines.

Broadcast World Philippines takes pride that Audio Visual Broadcasting has purchased an Orban Optimod 8500 and is the first and pioneer user of this audio processor in its broadcast station.

Raffy Barreiro and his engineer, Engr. Jun Villa attended NAB last April 2005. They have visited booths of various equipment suppliers and selected the ORBAN 8500. The Orban 8500 received a great recognition during the NAB. Orban founder and VP of Engineering, Bob Orban and Orban/CRL

President & CEO Jay Brentlinger received the Radio World Magazine's NAB 2005 cool stuff award for the innovation and design implementation of the new industry leading processor.

Broadcasters continues to put effort in updating and upgrading their audio processors. Recently, Consolidated Broadcasting System (Bombo Radyo) updated its audio processors. Bombo Radio has more than 20 units of 8400 which is used throughout the Philippines.

GMA Network Inc recently purchased more than half a dozen Orban Model 8200ST Orban TV Audio Processor. They also purchased more than half a dozen of the 8400 which are now being used in their radio stations all over our country.

Far East Broadcasting has also purchased Orban Optimod 8300 for their FM station in Manila.

Christian Broadcasting have selected the 8382 TV processor for Channel 49 which was recently commissioned.

Radio Mindanao Network & Radio Veritas Global have also purchased an Optimod 9200 AM Digital audio processor and FBS & Quest Broadcasting Radio Network have also upgraded their Orban 8400 processors.

No matter how the state of the art of audio processing changes, you can count on Orban/CRL and Broadcast World to keep your station sounding great.



Shown above from left to right are: MRS. DESY KELLY President & CEO of BWPSI and BWUSA, MR. BOB ORBAN, Founder of ORBAN and MR. RAFFY BARREIRO, VP Operations Audio Visual Communications who is the first user of the ORBAN 8500 at NAB 2005.



NEW OPTIMOD-FM 8500

Integrated audio processing for digital radio.



OPTIMOD-FM 8200ST

Studio Processor



NEW OPTIMOD-FM 5300

Compact, Competitive and Cost Effective

BWPSI now offers FREE upgrade of ORBAN units and is extended up to the first quarter of 2006



**CHRISTIAN ERA
BROADCASTING NOW ON
CHANNEL 49
USING AXCERA TRANSMITTER,
JAMPRO ANTENNA AND
ORBAN**

For the fifth time, this year's Top Level Management Conference, the thirty first since the KBP was founded in 1973, will be held in Camp John Hay in Baguio City. Slated from November 9 to 12, it will be held earlier than previous TLMCs.

With the theme, "Serving the Nation", the TLMC will emphasize the need for the broadcast media to help promote political stability and national development.

The Honorable Mauricio Domogan, Representative of Baguio City to the House of Representatives, will welcome the members, officers and guests. On the same breadth, Mr. Joselito G. Yabut, KBP Chairman will welcome the delegation.

Atty. Mario Santos, KBP Executive Vice President and KBP-TLMC organizing committee chairman will introduce Her Excellency, President Gloria Macapagal Arroyo, President of the Philippines. President Arroyo has been a frequent keynote speaker, ever since the time she was still the Vice President of the Philippines.

An impressive array of resource persons foreign and local have been invited to speak on intricate topics about broadcast especially on the latest broadcast equipments and their role in the changes of the broadcast industry. It is in this essence that Broadcast World Philippines has invited Mr Charles W. Kelly Jr., International Sales Director of Broadcast

Electronics Inc., who will speak on "HD Radio update in the Philippines and around the World".

Mr. Luis Endara, Director of Worldwide Sales of Orban/CRL, will offer a look into "Competition on the Edge of Technology"

Many local speakers, who will speak in areas of their expertise include Prof. Luis Teodoro of the U.P. College of Mass Communication and editorial consultant and columnist of Business World; Ms. Sheila Coronel, Executive Director of the Philippine Center for Investigative Journalism will present "Journalism in times of Political Crisis".

For programs and legalities that will address the present regulations given by the NTC will be discussed by Hon, Ronaldo Solis NTC Commissioner.

Discussions on " Successful Radio Formats" will be explained by Mr. Willie Espinosa, Program Director of Love Radio; Mr. Manny Luzon, General Manager of Ultrasonic Broadcasting; and Mr. Raffy Barreiro, VP Operations of Audio Visual communications Inc.

"Career Opportunities in Broadcasting" will appeal to student delegates. This topic will be discussed by Mr. Philbert Berba, VP for human resources. In the Plenary Session, a technology update will be presented by Rhode & Schwarz. (Cont on page 8)

AXCERA provides Broadcasters with a product to meet their present day like no other solution on the market. It has provided new low and medium power transmitter line, using the latest LDMOS devices to broadband operation across the entire UHF band. This allows users to minimize spare parts stock which is especially important to networks. It also enables simple and inexpensive channel changes for users with channels out of the core or expected to be misplaced in the future. Christian Era Broadcasting/ Eagle Broadcasting Corporation has recently purchased from Broadcast World Philippines, AXCERA Innovator LX 1 kw. Solid State UHF transmitter, to meet their present day needs.

Radomes are included with the antenna for extra protection against the environment.

It is worthwhile to tune in to Channel 49 and see for yourself the intrinsic values and quality of the equipment needs used by Christian Era Broadcasting.



For better audio, the transmitter is augmented by an OPTIMOD 8382 TV audio processor, from ORBAN/CRL. It places a level protection prior to installation of the studio transmitter link (STL) that is designed for this purpose. It also achieves outstandingly and cleans speech reproduction.

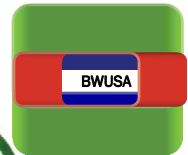


**OPTIMOD-TV 8382
Digital Audio Processor**

Similarly, for its antenna systems, a JAMPRO JA/LS 16/49 SHC horizontally polarized UHF slot antenna was purchased to complete its broadcast system was set up. This antenna model is the ideal choice for low power UHF or VHF broadcasters with transmitter power of 1 kw or less.



**JUHD UHF
Slot
Antenna**



ABS-CBN UPGRADES ITS STUDIO USING VAULTXPRESS SENDS TRAINEES TO BROADCAST ELECTRONICS IN QUINCY, ILLINOIS, USA

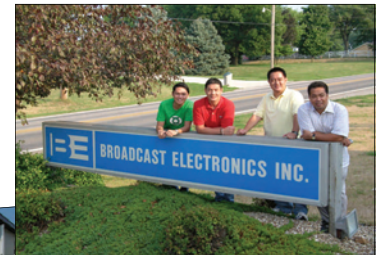
More than a decade ago, ABS-CBN chose to install AudioVault from Broadcast Electronics in its Manila radio facilities. This was a bold choice in the days when competitive computer-based audio workstation systems were fraught with reliability issues. Despite these fears, ABS-CBN has used that original system for all of these years, and recently decided to upgrade to BE's VaultXpress.

minister the Audio Vault system. The class was a blend of classroom "hand on" training. After the long and intensive training was done and the certificates handed out, the visitors were treated to some tourism of the Midwest of the US including visits in Western Illinois and the St. Louis, Missouri areas.

Vault Xpress is the only industrial digital audio storage and studio system based on an open system architecture. Users greatly profit from this by seamlessly integrating existing technology investments and standard "off air" components into the VaultXpress infrastructure. It empowers today's radio stations with effective and efficient tools to allow the user to easily customize screens to meet their needs within the intuitive Windows interface.

Realizing the opportunity to keep in tune with the times especially in the broadcast industry, moving towards being ahead of other broadcast stations and networks, ABS-CBN sent four of its intricate staff to undergo training on the VaultXpress, to BE headquarters in Quincy, Illinois, USA. These trainees were: Engrs. Arden Ramos and Lino Almuenda of the Engineering Dept. of ABS-CBN, Mr. Eli Capuyan, Production Manager of DWRR-FM, and Mr. Roy Derilo of the IT Department, ABS-CBN.

The training offered an opportunity to "get under the hood" and learn to operate better and ad-



" The training offered an opportunity to "get under the hood" and learn to operate better and administer the Audio Vault System."



BREAKING NEWS!

JAMPRO DOES IT OVER AND OVER AGAIN

GMA Network Goes with Jampro

Sacramento, CA (August 3, 2005) –

GMA Network, Inc., the number one television network in the Philippines has ordered two high-power UHF Slot antennas from Jampro Antennas / RF Systems, Inc., for the organization's Channel 27 broadcasting from stations in Cebu and Davao.

A long-time customer, GMA's relationship with the antenna manufacturer dates back to 1967, when they installed the first VHF antenna for GMA. First hand experience with the equipment's proven performance, quality and reliability motivated GMA to turn to Jampro again for its latest antenna needs.

The JSH series antennas are radome enclosed and environmentally sealed to protect against natural elements and hazards. The finest quality marine brass copper and virgin Teflon contribute to the antenna's rugged construction and ensure many years of trouble free operation. Jampro uses state of the art software in the design and development of its Prostar slot antenna products.

HTV Selects Jampro's UHF Combiner

Sacramento, CA (August 5, 2005) – Ho Chi Minh City TV (HTV) – the official television station of Ho Chi Minh City - has selected a 3-channel UHF Combiner from Jampro Antennas / RF Systems, Inc.

The combiner will accommodate the station's two UHF analog channels (Channel 30 and 32) as well as its DVB-T (digital) Channel 39. HTV, the number one station in Vietnam, was the first station in the country to test and broadcast DVB-T. The station selected the Jampro RCCC combiner based on the unit's excellent track record, sturdy construction and superior technical specifications.

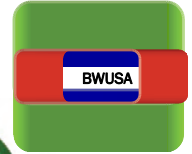
Jampro To Provide Multiple Antennas to PT Indosiar Visual Mandiri

Sacramento, CA (August 10, 2005) – Jampro Antennas / RF Systems, Inc. has been awarded a contract from PT Indosiar Visual

Mandiri, the #1 television network in Indonesia, to provide multiple antenna systems for the country's tallest broadcast structure measuring 400m/ 1300'. Its is the highest power UHF and FM System in Indonesia/Asia.

The JUHD UHF antenna's proven performance, quality construction and reliability were all pivotal factors in the selection process. The JUHD antenna's modular design can be configured to provide various azimuth and elevation patterns.

By using optional beam tilt and null fill, the elevation pattern can be shaped to maximize coverage. In order to ensure many years of trouble-free service, radomes are installed to enclose and protect the panels against rain and ice.



and is easily adaptable for multi-station use. The JAHD's rugged construction and ability to be mounted on the sides of large supporting structures make it an ideal choice for PT Indosiar Visual Mandiri.

PT Indosiar Visual Mandiri's history with the manufacturer dates back nine years when they installed Jampro antennas during a major expansion.

About Jampro

Jampro Antennas Inc., established to answer the need for quality broadcast systems at a reasonable price, is a leading supplier of antennas, combiners & filters and RF components for every application in the broadcast industry. Reputed for innovation and customization, Jampro builds each system to the specifications of the individual broadcaster. From the first system delivered in 1954 to those installed today, the Company is committed to consistent performance and quality founded on solid engineering. Today, over 15,000 broadcasters worldwide benefit from the quality and performance provided by Jampro systems.

ABS-CBN PURCHASES "BIG PIPE" FROM BROADCAST ELECTRONICS



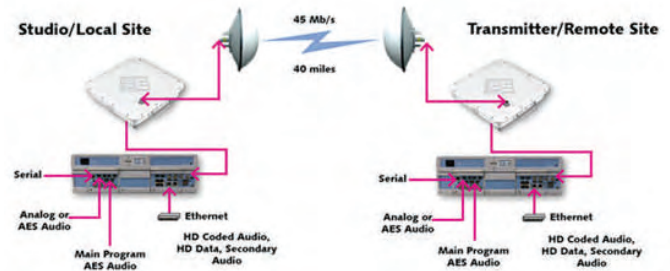
Winning the "Pick Hit" award during the NAB 2004, Broadcast Electronics' "Big Pipe" was given this award by Radio World Magazine and other Broadcast Engineering magazines. This is usually given to recent outstanding products in the multimedia market.

With the "roll out" of HD radio, there was a demand for more efficient STL solutions with wider bandwidth and bi-directional capability. In answer to these demands, "Big Pipe" entered into the picture. It fits all point-to-point STL applications, where increased capacity and maximum flexibility are desired.

Scalability, flexible, "Big Pipe" meets the STL studio-to-studio and other media and data transport needs of radio broadcasters. "Big Pipe"...high band width STL link to radio.

In its desire to upgrade its STL system, ABS-CBN has recently bought a "Big Pipe" STL unit from Broadcast World Phils., the exclusive distributor of BE products in the Philippines.

With the expertise of BWPSI's Engineering Department, ABS-CBN took cognizance of the particular key system features of the "Big Pipe", aiming to be the forerunner of recent innovations in the STL system, in order to establish a formidable asset to its growing network.



ABS-CBN is the pioneer station in the Philippines to use the "Big Pipe" that is designed for the realities of radio.

AXCERA WINS BIG AT NAB 2005

Axcera, proudly represented in the Philippines by Broadcast World, is a leading provider of transmission equipment for the television broadcast industry, was honored with four prestigious awards presented at this year's National Association of Broadcasters (NAB) tradeshow.

Axcera is the proud recipient of TV Technology Magazine's STAR Award for its DVB-H Transmission Technology. As a leader in DVB-H transmission systems, Axcera conducted DVB-H demonstrations covering both the South and Central halls of the Las Vegas Convention Center throughout the show. "Our panel of editors and columnists walked the show floor in search of innovative and groundbreaking new products," said Tom Butts, Editor of TV Technology. "The products we selected made the cut—



they demonstrated their ability to help advance the acquisition and dissemination of entertainment media in each category reviewed."

Broadcast Engineering Magazine issued its "Engineering Excellence" award for Axcera's implementation of the combined multi-channel digital (DTV)/analog television transmission system on Mt. Wilson. The system uses both digital and analog Axcera Visionary™ Series IOT transmitters to serve the Los Angeles, California area. The Mt. Wilson system is the largest multi-transmitter installation of its type.

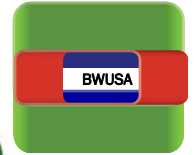
Broadcast Engineering also presented its prestigious "Pick Hit" award for Ax-

cera's new Dual-Use Analog/DTV transmitter technology. At the heart of the "dual-use" transmitters is Axcera's new DM8 digital modulator card. When paired with an analog modulator and exciter switcher, the DM8 allows Axcera's Innovator LX and HX line of transmitters to effectively "flash-cut" between analog and digital service by remote control or directly from the transmitter front panel.

Television Broadcast magazine also chose Axcera's "Dual-Use" technology to receive its "Top Innovation Award", recognizing the value of this innovative analog-digital transmitter solution.

"We are honored to be recognized by these industry-leading publications for the innovation and capabilities that we offer," said Richard Schwartz, director of marketing and product management for Axcera. "Our focus is to provide the best and most advanced products and services to the television broadcast industry, and these awards reinforce Axcera's position as the broadcast technology leader."

**THE NEWEST OF THE NEW
OUR SUPPLIERS WE ARE PROUD OF...
WINNERS FOR NEW PRODUCTS**



PICK HIT 2005....WHAT A SHOW!



Radio World Magazine and Broadcast Engineering magazines awarded "Cool Stuff" and "Pick Hit" awards to BWPSI's suppliers, winners of their new products presented and exhibited at NAB 2005.

Criteria on the selection of winners are based on the following: the product design outstanding features, cost efficiency and performance. The products caused visitors to stop and say in the aisles "Oh! Cool "



BROADCAST ELECTRONICS

To Broadcast Electronics NAB 2005 was indeed a great show it has successfully launched several new products and agreeably had the most crowded booth during the show. On the last day of the show, triple accolades were received by Broadcast Electronics. For the 4M X50, an AM 50 kilowatt transmitter. It was Radio World's "Cool Stuff award.

BE also had "Pick Hit" and "Innovative Product awards from Radio Magazine.

Designed for the demands of both analog and digital transmission, the 4MX50 is based on a patent pending modulation design that is developed by BE that packs unparalleled efficiency and features into a small footprint with price to match.



4MX50
AM 50 Kilowatt Transmitter

AEQ

AEQ has received the following awards at NAB 2005, the "Cool stuff" award of Radio World Magazine, "Pick Hit 2005" of Broadcast Engineering Magazine and "Pick Hit" 2005 of BE Radio for the newest, and smallest Professional Digital recorder available. This is the DR-100. Its features are:

- It has the size of a cellular phone and as powerful as desk top recorder.
- Practical and portable with all accessories you need to record the best stories and the best music.
- Packaged with a built-in Mic
- Batteries used are the same with a cellular phone
- Audio formats for stereo recording and voice recording are compatible with most broadcasting and automation systems
- Works with internal and external memory.
- Editing can be done by using the DR-100 audio editor or on your computer with your favorite auditing tool.
- Transfer audio files via external modem or through USB post.
- It includes an FM radio with pre sets
- It comes with a carrying case.



The AEQ DR-100
The smallest field recorder

THE NEWEST OF THE NEW
OUR SUPPLIERS WE ARE PROUD OF...
WINNERS FOR NEW PRODUCTS



COMREX

What is new with Comrex? The simple reason is that its product "ACCESS" won Radio World's "Cool Stuff" award and Radio Magazine's "Pick Hit" award at NAB 2005.

The Comrex ACCESS is a simple versatile studio codec to use BRIC (Broadcast Reliable Interact Codec) technology to deliver reliable, wide band

audio over IP networks real time studio. Access is designed to provide network connections via an Ethernet and status information as provided by the internal web server and accessed via network impairment information and connection status. User control, algorithmic parameter and reliability options are also provided over this network connection.



A simple and versatile studio codec

WHEATSTONE CORPORATION

At the recent NAB 2005 conference, Wheatstone Corporation won the Radio World's NAB "Cool Stuff" award for its VORSIS AP3 Audio Processor. Features of the newest product are

- *Remote Monitoring Control
- *Analog Mic or line inputs.
- * Direct digital inputs
- * De-esser
- * Expansion
- * Tunable filters and notch.
- *Digital analog outputs.

VORSIS AP3 is a full bandwidth unit ideally suited for HD Radio.



VORSIS AP3
Digital Signal Processor

ORBAN / CRL



Orban/CRL Founder and VP of Engineering Bob Orban (left), and Orban/CRL President, Chairman, and CEO Jay Brentlinger (right), receive Radio World Magazine's National Association of Broadcasters 2005 "Cool Stuff" Award for the new Orban Optimod-FM 8500 audio processor.

(continued from page two)

The founders and pioneers of the KBP had not been forgotten. They have a niche in the KBP. Speeches will be given about “KBP, Past Present and Future” by Mr. Andre S. Khan, past president, director and founding member of the KBP; and Mr. Gabby Lopez, III. Chairman of ABS-CBN Broadcasting Corporation.



An interesting topic “Updating Radio Station Technology the Affordable Way” will be discussed thoroughly by Engrs. Romeo Yabut, VP Engineering of Palawan Broadcasting and Armand Ursal VP Engineering, Quest Broadcasting. Dr. Jesse Estanislao, Chairman, Institute of Solidarity in Asia, will speak on “Broadcast Radio Role in Good Governance”.

Advertising standards will be explained by Atty. Rejie Jularbal, KBP Secretary and Legal Committee Vice Chairman. Mr. Butch Canoy will give his report regarding Standards Authority. The President’s report will be the keynote report of the conference.

A member’s forum will be held among the incoming officers of the KBP and its Board together with Mr. Ruperto S. Nicdao. The culminating activity of the conference as ever is the “Grand Night”

Last but not the least, it is noticeable that a change has been made this year with the invitation of Student Delegates to the KBP-TLMC.

A new aura of activities will fill the 31st KBP-TLMC. Welcome to Baguio City...the City of Pines ...the Summer Capital of the Philippines.

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