



Livewire



www.nautel.com/vs-series

Starts at just  
**\$5,000**

expect  
**MORE**

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vsSeries

vsSeries

more  
**BACKUP**

more  
**IP AUDIO**

more  
**CONTROL**

more  
**EXCITER**

**AUTOMATIC "FAIL-SAFE" SWITCHOVER OF AUDIO SOURCES**

VS Series transmitters accept a broad variety of IP, digital and analog inputs and give you the opportunity to define automatic fail-over modes should an input be disrupted. As a final level of backup, a playlist can be configured to play from a connected USB device.

**INDUSTRY FIRST AXIA LIVEWIRE™ IP AUDIO SUPPORT**

The VS Series are the first transmitters ever to implement Axia's Livewire Studio to Transmitter Audio over IP Workflow. The result is a seamless digital IP audio path from a host of Livewire compatible devices directly into a Nautel transmitter ensuring outstanding audio purity via a CAT 5 cable.

**BIG TRANSMITTER CONTROL COMES TO LOW POWER**

Never before has such sophisticated control been made available in this class of transmitter. Nautel brings its renowned Advanced User Interface (AUI) designed for high end transmitters into the VS Series via the internet or a direct CAT-5 cable connection. Years of interface development effort give you direct access to almost any parameter imaginable, whether at the transmitter site or from the comfort of your living room. In addition a front panel LCD provides control of key functions.

**FULLY DIGITAL EXCITER BUILT-IN**

Typical transmitters in the 300W to 2.5kW class use an inexpensive analog exciter that is sometimes an external unit. In the VS Series, not only did Nautel engineers integrate the exciter, they implemented a true direct-to-channel digital exciter to achieve class leading performance, clear audio and outstanding value. A great achievement considering that digital exciters usually sell for over \$10,000 US. In fact the VS300 makes for a powerful and extremely cost-effective replacement exciter for aging analog units needing to be upgraded.

Issue 1.0/Apr 6/2010  
Specifications subject to change.

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# MOREInside

# VS Series



**VS300** 300W  
**VS1** 1kW  
**VS2.5** 2.5kW



## UNLIKE ANY TRANSMITTER EVER DESIGNED

The new VS Series from Nautel will change the way you think about transmitters. It includes extensive functionality never before available in a transmitter at any price including Axia's Livewire Audio over IP and optional Orban Inside audio processing. The VS Series also offers features typically found in high end transmitters such as a direct to channel digital exciter, extensive preset controls, a digital upgrade path and Nautel's Advanced User Interface (AUI). All of this functionality that would typically cost tens of thousands of dollars in addition to the cost of the transmitter is being made available in an extremely economical and compact package. The last and most important ingredient is renowned Nautel quality and support. Every VS series transmitter is the result of years of Nautel design and is crafted completely within Nautel's North American manufacturing facilities



more

# DIGITAL



Orban

# INSIDE



more

# STREAMING

QUICK SPECS	VS300	VS1	VS2.5
Rated Power	300W	1250W	2500W
Max Power	330W	1400W	2800W
Typical Efficiency	62%	59%	63%
AC Input	180V ac to 264 V ac, 1 phase, 50/60 Hz		
Rack Units	2RU	3RU	5RU
Height (in/cm)	3.5 (7.7)	5.25 (13.3)	8.75 (22.2)
Width (in/cm)	19 (48.3)		
Depth (in/cm)	23.8 (60.5)		
Weight (kg/lbs)	9.1 (20)	18.1 (40)	30.8 (68)

Specifications subject to change

### A TRANSMITTER READY FOR WHATEVER THE DIGITAL FUTURE BRINGS

Maybe you have clear plans for digital broadcasting or maybe you're not so sure but you'd like to know that your investment today keeps all of your options open. Thanks to the simple VS Digital upgrade unit option, either DRM+ or HD Radio™ broadcasting can be easily accomplished (available late 2010).

### OPTIONAL CARD FOR ORBAN AUDIO PROCESSING

For the first time ever, Orban's signature processing is integrated directly into a transmitter via an economical plug-in DSP card. Orban Inside, as we call it, will be an option for any VS Series transmitter and incorporates many features of Orban's Optimod 5500 Series digital processor with 5 band processor and dual band window-gated AGC. Utilizing the Nautel AUI, users have full control over processing functions. Orban Inside accommodates L+R, AES/EBU, LiveWire, SHOUTcast and USB player inputs.

### SHOUTCAST™ PROVIDES EVEN MORE IP AUDIO OPTIONS

Over 30,000 stations worldwide stream their audio to the Internet using SHOUTcast. Now the VS Series gives you added flexibility by supporting SHOUTcast stream payout from the transmitter. SHOUTcast streaming opens up many new possibilities for the broadcaster including the option to stay on-air by broadcasting your SHOUTcast stream in the event of an STL failure.