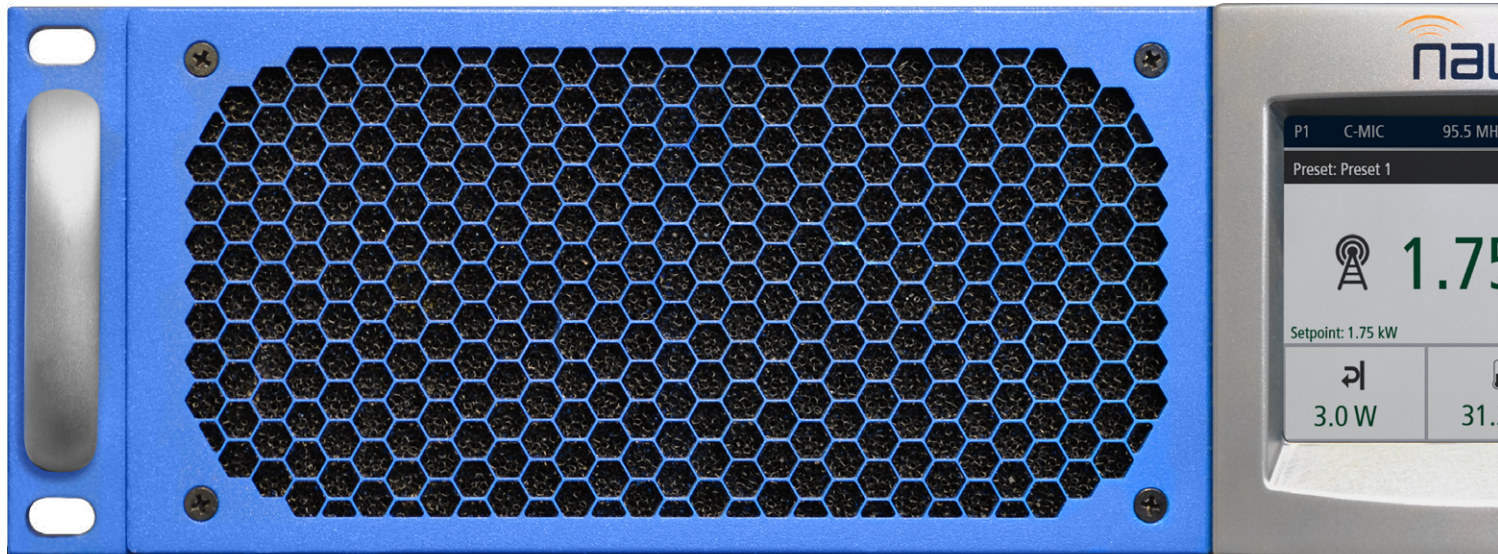


VX Series



150 W – 10 kW FM
Analog Transmitters





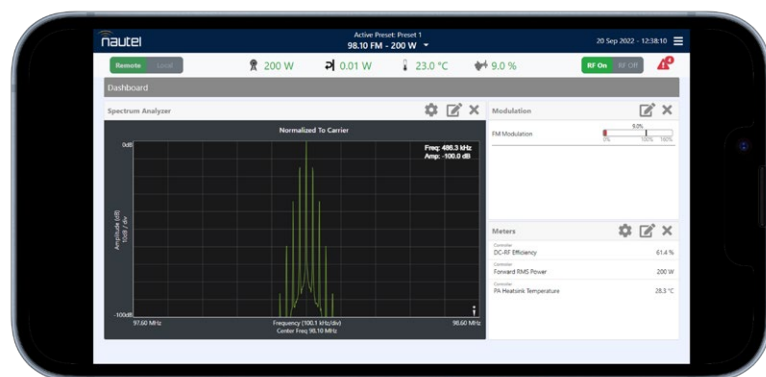
VX Series

150 W – 10 kW FM Analog Transmitters

The VX Series offers a broad range of compact, rack-mount analog FM transmitters, with models from 150 W to 10 kW. Across the range, VX combines advanced control and monitoring, proven reliability, straightforward serviceability and outstanding value for a wide variety of broadcast applications.

Compact, Efficient, Affordable

- More power choices to fit your needs
- AUI: Secure, HTML5 transmitter control
- Instrumentation, RDS, SNMP, Presets
- Modular 3–10 kW for easy service & solo handling
- 100% North American design, build, #1 support
- Rigorous testing and quality assurance
- Long service-life design
- Built-in Audio player with advanced playlists
- Native support for AoIP streaming inputs (Icecast, Shoutcast®, HLS)
- LPFM certified models
- 4-year warranty



Advanced User Interface (AUI)

Characteristics

- Rack-mount
- Compact
- Affordable
- Roles: Main, backup, main/standby, N+1, LPFM, translator, & exciter
- High efficiency
- Simple maintenance
- World-wide support



Advanced User Interface (AUI)

Nautel's VX transmitters place enhanced control in your hands so you can make better use of your time. The award-winning Advanced User Interface (AUI) simplifies the process of detecting and addressing transmitter issues, providing the critical information and controls needed for faster resolution. This allows you to efficiently manage your transmitter remotely and reduce the need for on-site visits.

Audio Player and AoIP Streaming Backup

VX Transmitters feature a built-in audio player and playlist capabilities, enabling audio files to be uploaded locally or via IP without the need for USB drives or physical site visits to load content.

In addition, they natively support AoIP streaming inputs, allowing stations to configure Icecast, Shoutcast® or HLS streams as live backup sources if the primary STL path fails

VX for Translators and SFN

VX transmitters offer flexible power choices and integrated control and monitoring for FM translators, including those serving AM stations. They also support analog single frequency network (SFN) applications.

VX as an Exciter

Breathe new life into your tube transmitter with the advanced technology and capabilities of a VX transmitter as its exciter. Gain direct-to-channel digital excitation, advanced control and monitoring, and multiple audio inputs and backup sources. Together, these capabilities make a VX Series exciter a powerful, feature-rich upgrade for your existing transmitter system.

Type-Certified Low Power FM (LPFM): VX150, VX300 and VX1

Type-certified VX LPFM models bring advanced control, monitoring, built-in audio backup and serviceability to LPFM broadcasting. With power choices at 150 W, 300 W and 1 kW, they are well suited to community, religious, educational and other non-profit broadcasters.

The all-purpose FM Transmitter Engineers Trust – 1500+ Shipped

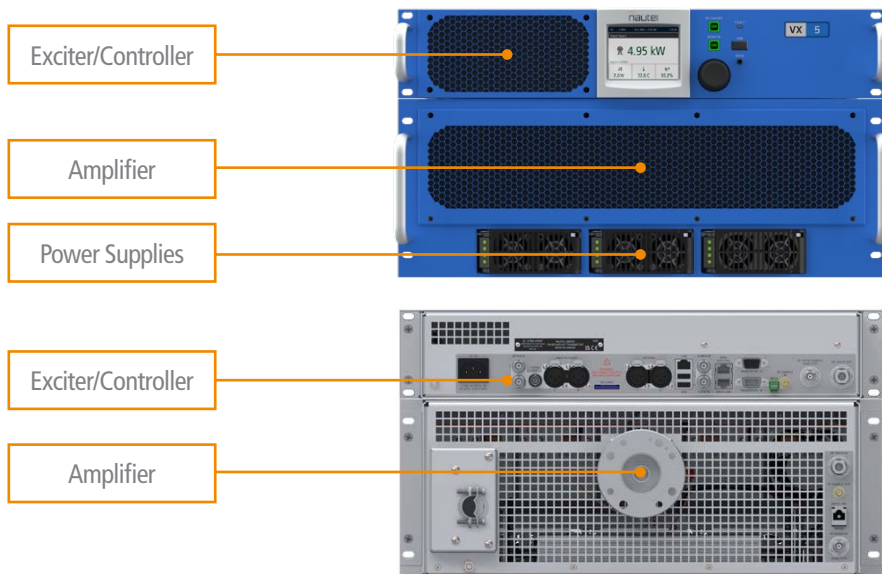


Features

- 13 models from 150 W to 10 kW
- Type-certified LPFM models: VX150, VX300 and VX1
- Full-color front-panel display
- Front-access hot-swappable power supplies
- Modular higher-power designs for easier service and handling
- Award-winning remote AUI control and instrumentation
- Optional Orban Inside™ audio processing
- Built-in Audio player with advanced playlist
- Native Icecast, Shoutcast®, HLS Streaming Inputs

More Power Choices. One Practical Platform

VX3 through VX6 provide five analog FM power choices from 3 kW to 6 kW, helping broadcasters select a transmitter suited to their output requirements. Separate exciter controller and amplifier assemblies allow each section to be installed and serviced independently, supporting straightforward installation and ongoing maintenance.



Designed for Straightforward Service

- Separate exciter/controller and amplifier sections
- Solderless PA pallet replacement
- Hot-swappable PA power supplies
- Front-supported rail-free chassis
- Removable, washable air filters

Built-In Resilience

- Reduced-power operation following a PA or power-supply failure
- Continued transmission with one fan failure
- Automatic changeover to a backup audio source

	VX3	VX3.5	VX4	VX5	VX6
Analog Power	3300 W	3850 W	4400 W	5500 W	6300 W
Power Supplies	3	3	3	3	3
AC Power	185-265 V, 1PH / 185-265 V, 3PH / 320-460 V, 3PH				
Weight	Exciter/Ctrl: 6.8 kg / 15 lb Amp: 29.5 kg / 65 lb				
Depth	Exciter/Ctrl: 50.8cm / 20" Amp: 63.5 cm / 25"				
Height	6 RU				

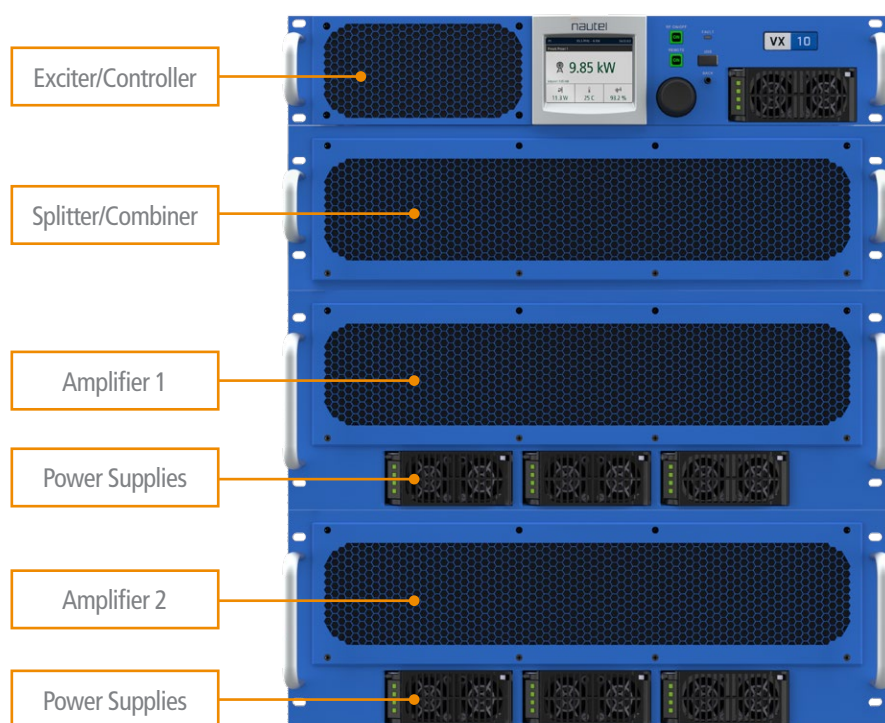
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

VX3-VX6 Highlights

- 5 models from 3 kW to 6 kW
- Compact 6 RU rack-mount design
- Direct-to-channel digital exciter
- HTML5 AUI control and instrumentation
- Built-in audio player with playlists
- Native AoIP Streaming Inputs
- Roles: Analog SFN, main standby and N+1 support

Modular High-Power FM, Designed for Easier Service

VX8 and VX10 bring the simplicity and serviceability of the VX Series to higher-power analog FM applications. Their modular design separates the exciter/controller, splitter/combiner and power amplifiers into manageable assemblies, simplifying installation and service without the burden of a single heavy transmitter chassis.



Lighter modules. Simpler handling.

- 15 lb exciter/controller
- 34 lb splitter/combiner
- Two 50 lb power-amplifier modules*

Hassle-free maintenance

- Solderless, replaceable PA pallets
- Hot-swappable power supplies
- Washable air filters
- Front-supported chassis with no rear rails required
- Industry's #1 support available 24/7/365
- 4-year warranty

	VX8	VX10
Analog Power	8800 W	11000 W
Power Supplies	6	6
AC Power	185-265 V, 1PH / 185-265 V, 3PH / 320-460 V, 3PH	
Weight	Exciter/Ctrl: 6.8 kg / 15 lb Amp: 29.5 kg / 65 lb Splitter/Combiner: 15.5 kg / 34 lb	
Depth	Exciter/Ctrl: 50.8cm / 20" Amp: 63.5 cm / 25" Splitter/Combiner: 63.5 cm / 25"	
Height	13 RU	

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VX8-VX10 Highlights

- 2 models at 8 kW and 10 kW
- Modular 13 RU rack-mount design
- Direct-to-channel digital exciter
- HTML5 AUI control and instrumentation
- Built-in audio player with playlists
- Native AoIP Streaming Inputs
- Built-in RDS, SCA and stereo generation
- Roles: Analog SFN, main standby and N+1 support



Analog Power	165 W	330 W	660 W	1100 W	1650 W	2100 W	3300 W	3850 W	4400 W	5500 W	6300 W	8800 W	11000 W
Power Supplies	1	1	1	1	1	1	3	3	3	3	3	6	6
AC Power	90-265 V, 1PH				185-265 V, 1PH		185-265 V, 1PH / 185-265 V, 3PH / 320-460 V, 3PH						
Weight	10.4 kg / 23 lb				11.5 kg / 25 lb		Exciter/Ctrlr: 6.8 kg / 15 lb Amp: 29.5 kg / 65 lb					Exciter/Ctrlr: 6.8 kg / 15 lb Amp: 29.5 kg / 65 lb Splitter/Combiner: 15.5 kg / 34 lb	
Depth	50.8 cm / 20"						Exciter/Ctrlr: 50.8cm / 20" Amp: 63.5 cm / 25"					Exciter/Ctrlr: 50.8cm / 20" Amp: 63.5 cm / 25" Splitter/Combiner: 63.5 cm / 25"	
Height	2RU	2RU	2RU	2RU	2RU	2RU	6RU	6RU	6RU	6RU	6RU	13RU	13RU



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Worry Free Transmission

Nautel has emerged as one of the world's largest manufacturers of radio broadcast transmitters with more than 20,000 deployments in 177 countries.

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