

nautel sonar NS24-30 Hull Mounted Sonar Amplifier

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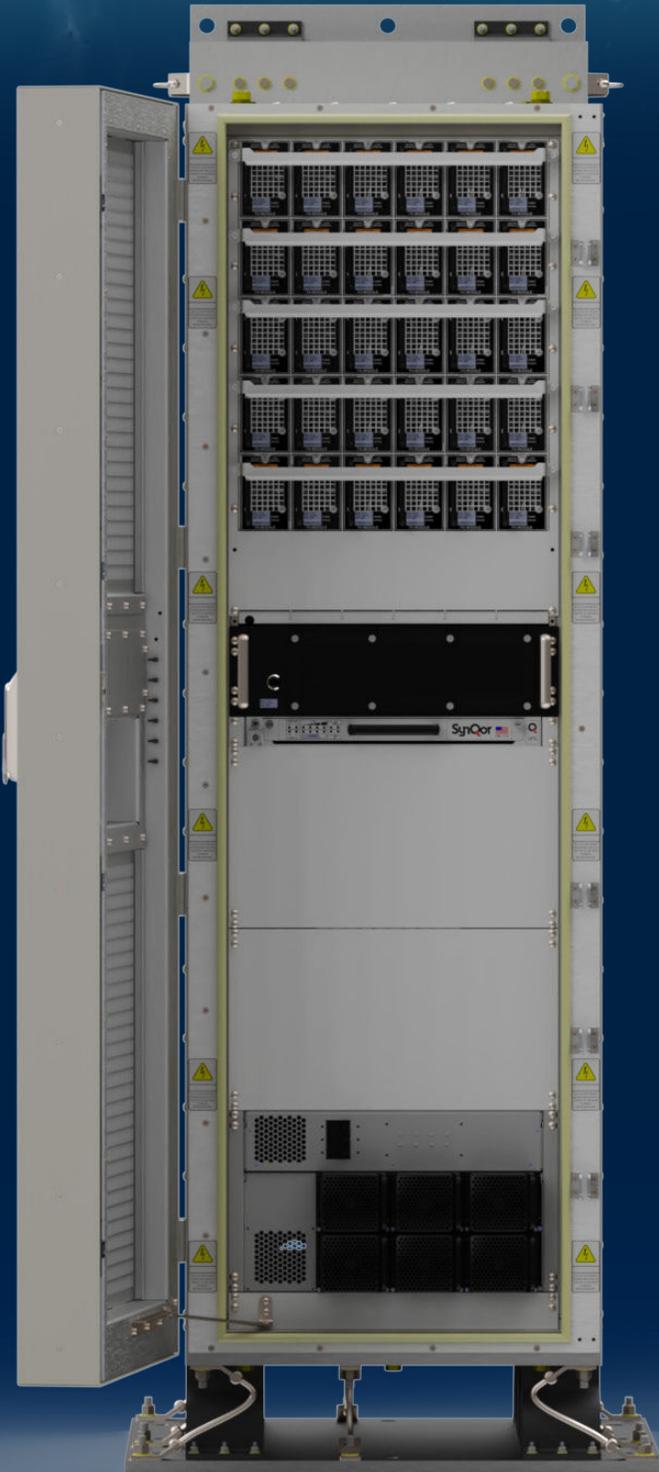
OVERVIEW

The NS24-30 is designed for hull mounted sonar systems, with 30 channels available in a 72" high rack. Harnessing Nautel's extensive amplifier design experience and using the latest technology, the NS24-30 is a class leading 50% lighter and 40% less volume than other amplifiers.

Nautel's HMS transmitters achieve their light weight by using switched mode power supplies (SMPS) and the NS24-30 delivers 800W per channel capability at high efficiency, resulting in low cooling requirements.

Standard output bandwidth is 3kHz to 16 kHz, with reduced output below 5kHz and above 12kHz. The NS24-30 has IP connectivity for control and audio and parallel IO for easy connection to existing systems.

Nautel's design expertise, coupled with its renowned customer care philosophy results in long and reliable life expectancy for its sonar amplifiers. Nautel provides customer support for all the products it has produced since it's 1969 inception.



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General Specifications

Output Power/Channel	800W/channel, 30 channel amp
Frequency range	3kHz to 12kHz, extended to 16kHz
Input power	440V, 3-ph, AC/ 115V 1-ph, AC
Nominal Output impedance	500 Ohms, Optional on Request
Full power duty cycle	< 20%
Control & Monitoring	Redundant TCP/IP
Amplifier Protection	Overvoltage, Overcurrent and Overtemp
Amplifier Dimensions	Height 1829mm (72"), Width 610mm (24"), Depth 775mm (30.5")
Amplifier weight	< 500kg
Ambient	0-40C 95% Relative Humidity Non-condensing
Cooling	Non-ducted Air Cooled
MTTR	30 min

Qualifications

Shock	MIL-STD-901D/810
Vibration	MIL-STD-167-1A/810
Shipboard Power	MIL-STD-1399 /300A
EM Interference	MIL-STD-461F
Environmental	MIL-STD-810



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