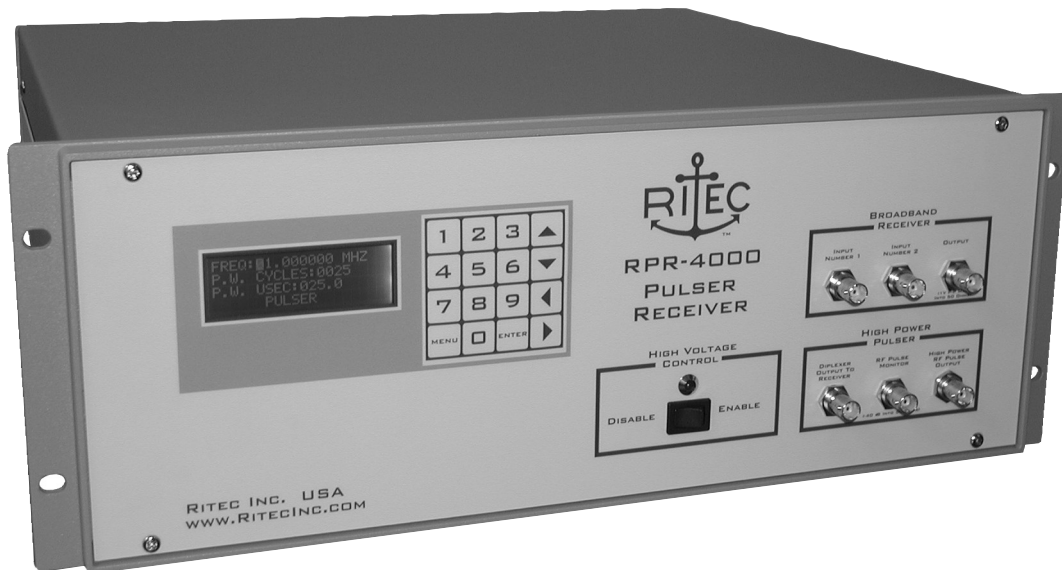
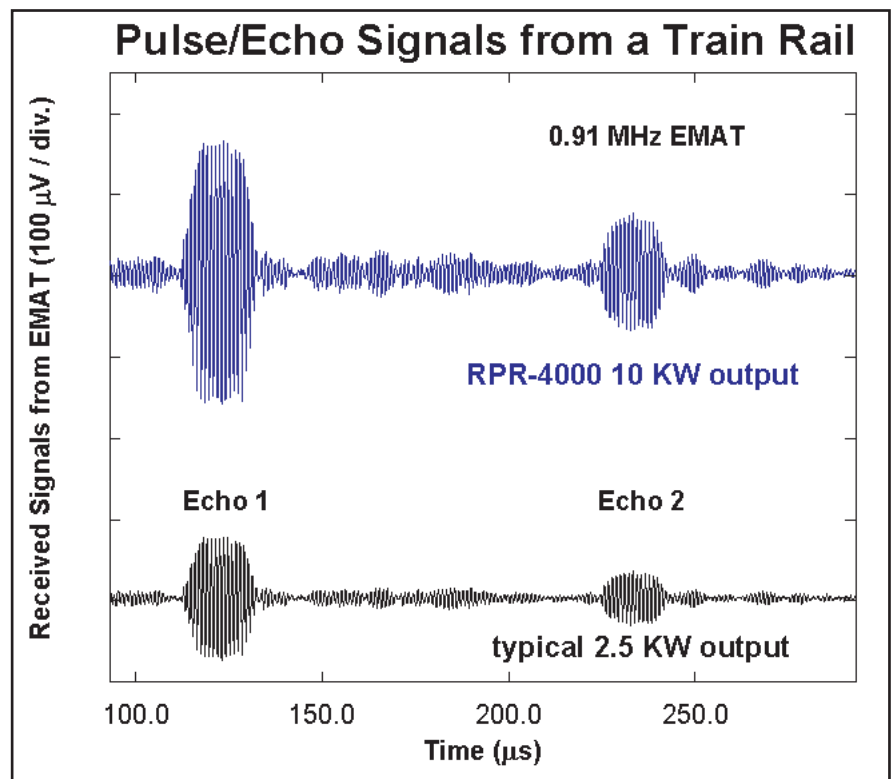


Power Up Your Signals

with the new RPR-4000
Pulser/ Receiver
from the Global Leader
in High Power
Ultrasonics



The rugged new RITEC RPR-4000 Pulser/Receiver features an 8 kW tone burst pulser at up to 1% duty cycle, a 100 dB gain low noise receiver, a local display and keypad for control of all functions, and an environmentally secure package with over temperature shut-down.

This remarkable instrument has been designed to withstand severe environmental pollution and high temperatures while providing the most powerful tone burst available to the ultrasonic testing market.

The very high pulse power is especially valuable when driving electromagnetic transducers (EMATs) which are well known for having poor sensitivity.

The front panel key pad provides control of all functions including frequency, repetition rate, pulse width, receiver gain, receiver input selection, and receiver filter selection. Up to ten sets of operating parameters can be saved for future recall. The unit may also be controlled from an external computer via the RS-232 interface.

A novel feature of the instrument is a front panel display of the peak burst voltage being generated in the pulser. The unit also has a newly designed diplexer with only 3dB insertion loss for operation with only one transducer.



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