

JEA247E500
TELEMETRY SEISMOGRAPH



As a worldwide leader in the seismic acquisition industry for over 32 years, DOLANG GEOPHYSICAL continues to design, manufacture and support a full range of high-tech integrated equipment for exploration in land, environments.

From its headquarters in Genoa, Italy, as well as its other locations around the globe, DOLANG GEOPHYSICAL is positioned to satisfy the industries' needs for seismic acquisition equipment.

Whatever the field conditions, in open country, in the mountains, in the jungle or in the desert,

DOLANG engineers and technicians apply the skills they have acquired through long-standing R&D work and experience in the field to constantly push back the limits of seismic acquisition.

DOLANG GEOPHYSICAL Statements of Excellence:
Upholding the Standard of Excellence: A culture of continuous improvement in our products, processes, and services through the strong work ethic and innovative spirit of our employees.

Leadership of the Seismic Industry: Our customer satisfaction, dynamic development of new technology and strategic growth have all played a part in making DOLANG GEOPHYSICAL the leader it is in the seismic equipment market in Italy.

Commitment to Research & Development: Taking pride in the quality and reliability of the products it produces, DOLANG GEOPHYSICAL re-invests a large percentage of its yearly revenue back into R & D. and manufacturing.



Laptop



Mom



Cables



Geophones



FDU



Trigger

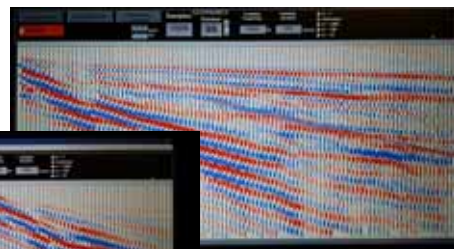
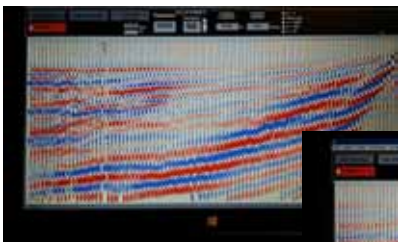


Delivery Cargo Genova Airport





Field





Technical Data of JEA247E500

> FDU WATER PROOF <

Structure	PC connected by USB/RS485 to sampling units
Max sampling units number	256 CH > 1000 ch or more normally repeaters are needed along profile
Resolution	24 bit
AD Converter	Successive Approximations and downsampling/filtering
Sampling Frequency (Fs) in trigger mode	125Hz, 250Hz, 500Hz, 1000Hz, 2000Hz, 4000Hz, 8000Hz, 16000Hz, 32000Hz
Number of samples in trigger mode	128, 256, 512, 1024, 4096, 8192, 16384
Sampling Frequency (Fs) in continuous mode	125Hz/250Hz/500Hz (for max 24 ch) cable length generates limits on above parameters
Sampling duration in continuous mode	60 minutes (for max 24 ch)
Trigger	Dedicated triggers units can be connected along profile with option opening or closing contact.
Power	Rechargeable battery unit included in USB/RS485 box – more than 7h autonomy with 24 units block, in continuous work.
Bandwidth	Up to 1 KHz, 2 poles low pass filter, DC component rejection
Input impedance	1500 ohm
Nyquist frequency	16000Hz at every Fs
Signal/RSM noise ratio	>124dB at Fs=1000Hz, input shorted
Connection	Units serially connected to PC by RS485 standard, at 1MHz baudrate
Software	Application for Windows XP, 7, 8 and 10 allows easy setting of all acquisition parameters and produces a Seg2 - SegY file
Geophones	Each Unit (corresponding to a channel) can be connected to a geophone with desired specifications

DOLANG GEOPHYSICAL SRL

ITALY GENOVA

www.dolang-geophysical.com info@dolang.it

Main office in Italy Hardware – Tunisia Software

+39 3289082098 +39 010 5958333