

DATA SHEET: EARTHQUAKE DATA ANALYSIS

This interactive analysis program performs:

- Uncorrected acceleration
- Corrected acceleration, velocity, displacement
- Response Spectrum
- Fourier Amplitude Spectrum

Independent Filters:

- Integration
- Global

User-Defined Parameters:

- Topology: Butterworth, Bessel, Elliptic, Chebyshev, Inverse Chebyshev
- Type: Lowpass, Highpass, Bandpass, Bandstop
- Corner frequencies
- Filter order

Plotting Scales:

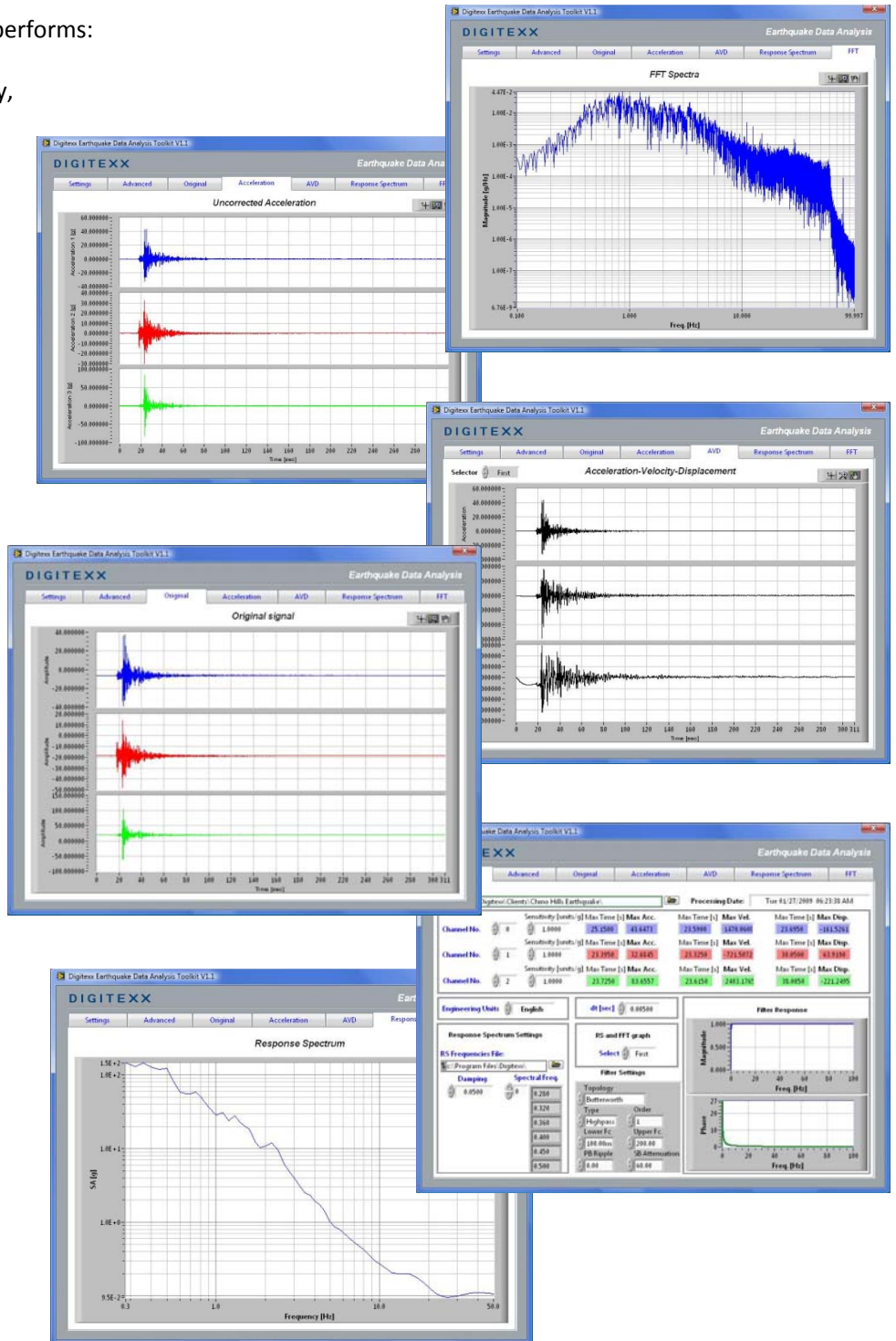
- Lin-Lin
- Log-Log
- Lin-Log
- Log-Lin

Response Spectrum:

- Up to five damping values
- User-defined spectral frequency numbers

Input:

- ASCII file with up to 128 channels
- Analyses any three user-defined channels
- Completely processes a standard three-channel accelerogram recording in less than five seconds



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DATA SYSTEMS, INC

13880 N. Northsight Blvd, Suite 109 | Scottsdale, AZ 85260 | (623) 242-1198 | www.digitexx.com