

Geophone Acceptance Testing Bird Dog 3 Wi-Fi Plus



Bird Dog 3 Wi-Fi Plus:

- All the features of the Bird Dog 3 *plus* built-in battery and Wi-Fi for use in the field
- Internal battery for all-day use in the field
- Use Wi-Fi to connect to a Windows computer and run GeoTest
- Connect to an Android tablet to use the internal web-based version of GeoTest
- Connect to an iPhone to use the internal web-based version of GeoTest
- Or, connect the BD 3 Wi-Fi to any computer and use internal web-based browser version.



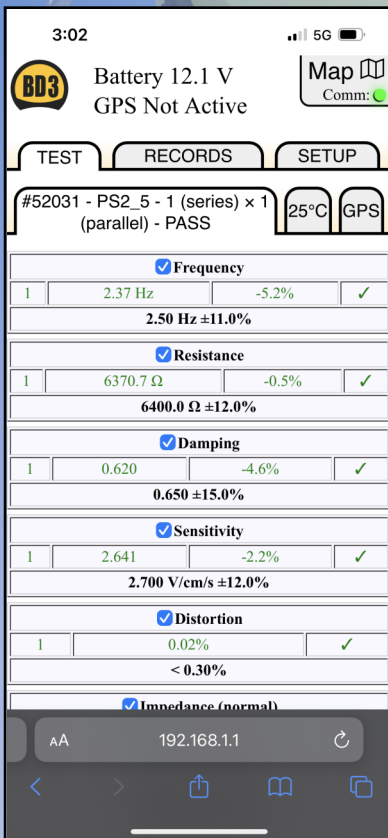
Test Any Geophones

Bird Dog 3 Wi-Fi Plus Features:

- Simultaneously test up to three single-axis geophones or strings; or one 3C geophone
- Includes MS Excel compatible interface for statistical analysis and report creation
- GPS time and location saved for every record



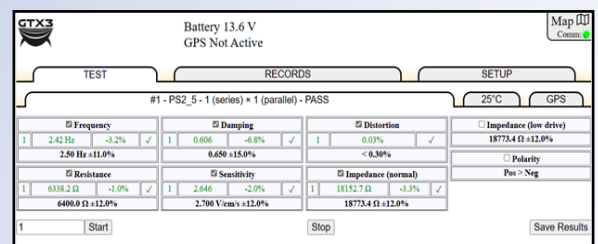
GeoTest on Windows Computer



GeoTest on iPhone

Testing Features:

- QC individual elements or strings
- Run geophone tests when and where recording system cannot
- Tests anywhere at anytime
- Assures clients geophones are operating correctly



GeoTest on Android Tablet

Geophone QC Software:

- Time Domain and Frequency Domain Tests
- Records and Prints all Test Results

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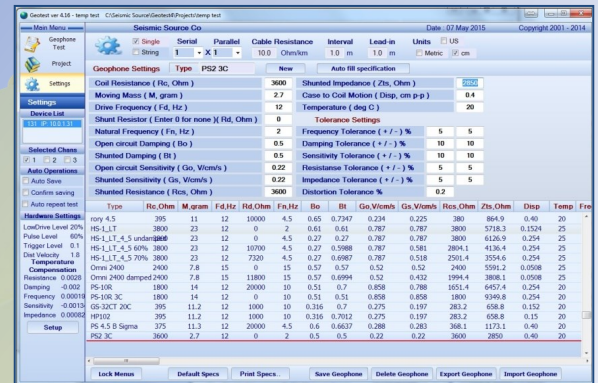


A Versatile Quality Control Tool:

- 32-bit ADC chip for lower noise and increased accuracy
- Internal 99 watt-hour battery for portable use in the field
- 8 Gbytes of Data Storage - Expandable to 16
- All test data saved in non-volatile memory for later download and retrieval
- Connects to PC via Ethernet or optional Wi-Fi - Computer, phone, or tablet provides testing control, data download, real time display and analysis of data, plus prints results for archiving

BD3 with Geophone Test option Includes:

- Three Channel Bird Dog 3 Unit with:
 - Power Cable
 - CAT5 Computer Interface Cable
 - Li Ion Battery Charger
- Bird Dog 3 Geophone QC kit with:
 - Geophone Wiring Harness:
 - Tests one 3-Component Geophone
 - Tests three 1-Component Geophones or Strings
- Available options include:
 - Hydrophone Test Option
 - Vibrator QC Option
 - Bar Code Reader



Store Test Configurations & Parameters for Multiple Sensors

Bird Dog 3 Wi-Fi Specifications

| Performance | | Physical | |
|--------------------|--|------------------|--|
| A/D | 32 bit sigma delta converter | # Channels | 3 |
| Dynamic Range | 126 dB | Temperature | -40°C to +85°C |
| % THD | 0.0012 % | Humidity | 0 to 100% |
| Crosstalk | Better than -125 dB | Size | 14" x 5 1/2" x 3" (356 x 140 x 76 mm) |
| CMRR | > 100 dB | Weight | 3.4 lbs (1.55 kg) |
| Noise Floor (@2ms) | < 0.09 μ V RMS | Data Storage | 8GB CompactFlash (Internal) |
| Input Impedance | 100k Ohms | Internal Battery | 99 Watt-Hour |
| Available Tests | Up to three single geophones, or one 3C geophone | | |