What’s Happening in Your System??

The ability to deliver high-quality video and audio content is critical in the broadcast, cable, satellite, and IPTV markets. Blonder Tongue’s new analyzers provide operators with reliable, flexible, and affordable tools for detecting transport stream issues. Based on their unique design, which is extremely compact and lightweight, the analyzers can be used to ensure a superior quality of service.
**Features**

- Real time analysis via RF/ASI/IP input and TS file
- Single DVB-ASI input and single DVB-ASI output adapter for USB (half duplex)
- USB 2.0, bus powered, no power supply required
- ATSC, DVB-C, DVB-T and OpenCable DTV standards compliant
- MER and RSSI measurement and display for RF analysis
- MPEG TS analysis & capture and PES header analysis
- ETSI TR 101 290 Priority with real-time 4-stage error monitoring reporting and error logging
- Diagnostic and verification of MPEG designs (MPEG-2, H.264, HEVC)
- PCR & PTS analysis, arrive time graphing, measurement display and jitter analysis
- Triggered recording, Data rate analysis, Table and packet views
- SI/PSI & PSIP view and interval analysis
- SCTE-35 marker detection
- CAS view: ECM and EMM repetition rate and update time
- Real-time A/V decoding

**Benefits**

- Easy to set up and configure through GUI
- Comprehensive data capture and analysis capability
- Captures both RF and MPEG-TS parameters
- Compatible with 3rd-party analysis software – Wire Shark, etc.
- Small, compact design requires small footprint on work area surface
- Generates test patterns to verify compliance of external devices and displays

**Ordering Information**

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<thead>
<tr>
<th>Model</th>
<th>Stock #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTSA-PRO</td>
<td>3726</td>
<td>MPEG Transport Stream Analyzer; ASI/RF/IP to USB</td>
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</table>

[www.blondertongue.com • (800) 523-6049]
Model: BTPRO-7000S
HD Tablet/Touch Signal Analyzer

Features
- Real time analysis via RF/ASI/IP input and TS file
- TV and CATV tuner, extended band, 4-1000 MHz
- Satellite tuner, extended band, 930-2250 MHz
- Spectrum in real time, fast and super-fast with memory peak
- Detects, measures and displays video of MPEG 2/4 and H.264 HD programs
- All measurements, program lists, A/V PIDs, NET ID, virtual channel number, settings and pictures on one screen
- Automatic quality analysis: FAIL-MARG-PASS
- Auto memory, Manual memory and Datalogger functions
- Help function automatically identifies all the signals with digital modulation SAT, TV and CATV
- Bar scan TV and CATV function from 10 to 100 channels on one screen
- Audio decoding of AAC and AC3
- Battery test function, to regenerate & measure the batteries and calibrate the battery indicator
- Pre-memorized SAT transponder navigation
- Assisted satellite dish pointing

Benefits
- Tablet-size design yields a compact, lightweight, portable test instrument
- 7-inch color, touch-screen user interface
- Comprehensive signal-parameter measurement and display obviates the need for additional test gear
- Auto discovery allows for quick, automatic set-up

Measurements:
- MER, PER, LDPC, BCH, aBER, bBER, EVM, noise margin, level/power, real time spectrum analyzer and constellation display

CATV Measurements:
- DOCSIS downstream, INGRESS mode, LEAKAGE mode, BAR SCAN and TILT

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<tr>
<td>BTPRO-7000S</td>
<td>4231 S</td>
<td>HD Tablet/Touch Signal Analyzer</td>
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**Model: BTPRO-1000**

**H.264 & Pro:Idiom™ Test**

4-1000 MHz (-45 to +65 dBmV)
CATV / Broadcast Channel Plans
QAM/8VSB/Analog

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**Features**

- QAM/8VSB/NTSC Measurements
- Extended frequency range of 4-1000 MHz
- MER, aBER, bBER, Noise Margin and Level/Power measurements plus Spectrum Analysis
- Automatic quality analysis: FAIL-MARGINAL-PASS
- Auto Seek & Store Function - an essential feature for creating custom memory channel plans. Scans receivable signals, determines signal type (QAM, 8VSB or analog) and stores only those channels having signal levels above user defined values
- Ingress and Leakage Modes
- Data Logger Function: Steps through each channel in the “Active” memory plan and stores all related measurements
- Graphics Display
- Alpha-numeric keypad
- **Optional TV Key Recovery for Hospitality Pro:Idiom™ systems**

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<tr>
<td>BTPRO-1000</td>
<td>4230</td>
<td>QAM/8VSB/Analog Signal Analyzer</td>
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<tr>
<td></td>
<td>4230 RK</td>
<td>BTPRO-1000 with Pro:Idiom™ Key Recovery</td>
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We manufacture over 700 part numbers. For a complete list of our products, or to learn more about how our products would fit your applications, visit our website at www.blondertongue.com or contact one of us below. We are here to help.

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(732)-679-4000 • Fax (732) 679-4353 • information@blondertongue.com

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