



# Blonder Tongue

# BTPRO-7000S

## HD Tablet/Touch Signal Analyzer

### Digital Test Equipment

## SOLUTIONS FOR ALL YOUR APPLICATIONS

**BTPRO-7000S** is a professional HD Tablet/Touch Analyzer with a frequency range of 4 to 2250 MHz. The analyzer features a 7 inch diagonal color screen, is compact in size and lightweight. It is the perfect instrument for analyzing and logging HD/SD QPSK/8PSK satellite, 8VSB, QAM and analog television or radio signals in the lab or out in the field.



## Features

### 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
- TV and CATV tuner, extended band, 4-1000 MHz
- Satellite tuner, extended band, 930-2250 MHz
- Auto discovery system automatically detects and selects analog and digital 8VSB/QAM TV signals in both Measurement and Spectrum modes
- 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 and measure the batteries and calibrate the battery indicator
- Pre-memorized SAT transponder navigation
- Assisted satellite dish pointing
- DiSEqC commands

## Ordering Information

Model	Stock #	Description
BTPRO-7000S	4231 S	HD Tablet/Touch Signal Analyzer

# Display Screens

## Standard Measurement Display

PLAN	MODULAT	CONST	DC@RF	FREQ	CHAN
USABR0	VSB	8VSB	OFF	587.00	33

POWER: 4.5dBmV

MER: >36dB

NsMAR: 17.0dB QLY: PASS

bBER: <10-9

aBER: <10-9 ERR: 000

VPIID: 49 APID: 52

ANNEX :  
SYM. RATE: 5.381MS/s  
ENCRYPT. :

NID: 2-1 NETW: WCBS HD MENU & ?

## Full Video Display

CHANGE AUDIO

55  
75  
40

(UNTITLED)

VIDEO: MPEG-2 704x480i 4:3 0Hz @  
AUDIO: AC3 48kHz LANGUAGE:eng

## Spectrum Display

PLAN	MODE	REF. PWR	MRK. FR	CHAN	SPAN
AUT010	DIGITAL	10dBmV	177.00	7	FULL

MRK. P: 1.9dBmV MENU & ?

## Constellation: Full

PLAN	MODULAT	CONST	DC@RF	FREQ	CHAN
USACAB	J83-B	QAM256	OFF	129.00	15

ZOOM: FULL

INFO

ANNEX : J83-B  
SYM. RATE: 5.361  
LNB Curr: 0mA

TSID: 898 MENU & ?

## Constellation: Zoom

PLAN	MODULAT	CONST	DC@RF	FREQ	CHAN
USACAB	J83-B	QAM256	OFF	129.00	15

ZOOM: 1/4

INFO

ANNEX : J83-B  
SYM. RATE: 5.361  
LNB Curr: 0mA

TSID: 898 MENU & ?

## Specifications

### General

<b>Dimensions (W x D x H):</b>	9.5" x 1.6" x 5.5" (240mm x 40mm x 140mm)
<b>Weight:</b>	3.5 lbs. (1.6 kg)
<b>Display:</b>	7" TFT touch display, 16:9, high resolution
<b>Battery:</b>	LI-ION-POLIMER 4A battery with 4 hour battery capacity
<b>Supplies:</b>	Padded transport bag, AC and vehicle battery chargers

## Related Products

Model	Description
BTPRO-1000	QAM/8VSB/Analog Signal Analyzer
MTSA-PRO	MPEG Transport Stream Analyzer