

AUDIO



AudioControl

AUDIO CONTROL SA3051/SA3052 1/3 OCTAVE ANALYZERS The SA3051 is a self contained professional grade 1/3-octave real-time audio analyzer. Features include 30 bands (25Hz-20kHz) plus broadband SPL analyzing, 6 non-volatile memory locations plus averaging, digital SPL display w/0.1dB resolution, digital pink-noise generator and includes a calibrated microphone. The SA3052 adds an internal battery pack w/ intelligent charger, parallel printer port for hard copy documentation, and a soft carrying case. Both units use fourth order ANSI class II filters.



ITEM	DESCRIPTION	PRICE
SA3051	1/3-octave analyzer	925.88
SA3052	1/3-octave analyzer with battery and port	1257.95

BEHRINGER CT100 CABLE TESTER Never get burned by bad cables again! The CT100 cable tester is an intelligent CPU-controlled tester that accepts virtually any type of cable or connector. LED displays show which input pin is connected to which output pin; Separate shield and phantom power LED's; installed cable test mode with continuity check and a test tone generator. Strong construction with a handy belt clip, the CT100 requires two AA batteries.



ITEM	DESCRIPTION	PRICE
CT100	Cable tester	21.99

GALAXY AUDIO

GALAXY AUDIO CM-130 CHECKMATE AUDIO TESTER Many of the same features as the CM-140 but at a lower price. It features a max function resolution of 0.5 dB with accuracy of ± 2.0 dB, range of 40-130dB with 30dB of dynamic range covering 125Hz-8kHz. Battery life 110 hours.

ITEM	DESCRIPTION	PRICE
CM130-CHECKMATE	Audio tester	59.99



GALAXY AUDIO CM-140 CHECKMATE SPL METER/TESTER The Check Mate is a mini-size, low-cost, high-performance IEC 651 Type II sound pressure level meter with MAX/MIN function, level range display, AC signal output, and a resolution of 0.1dB. It features an electret condenser microphone, selectable level ranges, frequency weightings A & C, time weightings fast & slow, an auxiliary AC signal output, and a frequency range from 31.5Hz-8kHz. Comes with a windscreen and battery.

ITEM	DESCRIPTION	PRICE
CM140-CHECKMATE	SPL meter/tester	129.99



GALAXY AUDIO CHECKMATE CM-150 SPL METER Extended range of measurement from 50-150dB with +/-1.5dB accuracy. Perfect for industrial measurements, factory worker safety, or any other loud environment. Freq. range 31.5Hz-8kHz, & can be software controlled and tripod mounted w/optional accessories (see below).

ITEM	DESCRIPTION	PRICE
CM150-CHECKMATE	SPL meter	249.99
CM-BS-6	Tripod & carrying case for CM-150	29.99



GALAXY AUDIO CRICKET POLARITY / CONTINUITY TEST SET

The battery-powered Cricket can test the absolute polarity of wireless microphones, mixers, effects devices, amps, cables, and speakers. Cricket makes it easy to determine whether every component in an audio system from patchbay to console to speakers is in or out of polarity. It tests balanced and unbalanced cables of up to 2,000 ft. in length. It will drive a "snake" (even one with transformers), and indicate which of a microphone's XLR connector pins is hot. The Cricket can also plug directly into a speaker cabinet and drive the components. A glance at the Cricket's red and green LED's can save hours of troubleshooting.



ITEM	DESCRIPTION	PRICE
CRICKET	Polarity tester	99.99

GALAXY AUDIO JIB/CT CABLE TESTER The JIB/CT tests cable with 6 different types of connectors quickly and simply – XLR, 1/4", RCA, 1/8", Speakon, and DIN (MIDI). Features a specially designed microprocessor, which tests a cable 200x per second. Tests "Y" and adapter cables.



ITEM	DESCRIPTION	PRICE
JIB/CT	Cable tester	59.99

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JIB/CT	Cable tester	59.99

GOLD LINE

GOLD LINE GL1K MICROPHONE INPUT TESTER

Microphone input tester with tone generator & phantom power detector built into a standard 3-pin XLR male connector. If a voltage is present, a 1kHz will be sent into the microphone input and the LED lights.



ITEM	DESCRIPTION	PRICE
GL1K	Mic input tester	38.73

GOLD LINE APT2 ABSOLUTE PHASE/POLARITY CHECKER

The APT2/APT2B Polarity/Phase Analyzers accurately determine the absolute polarity of speakers and signal processing devices. Comes in 2 housings – the pulse generator which drives the level of the speaker directly and secondly, the detector with built in condenser microphone. The APT2B offers the same features plus balanced outputs and inputs.



ITEM	DESCRIPTION	PRICE
APT2	Phase and Polarity checker	289.58
APT2B	Same as APT2 plus balanced I/O	301.51

GOLD LINE PINK NOISE GENERATORS

Pink-noise generators supply a flat noise source as a test signal for sound systems. PN-2 provides professional quality pink-noise for equalization/analysis, 1/4" output in a durable 9V powered case. PN-3A provides professional quality pink-noise plus gated bursts for RT60 and speaker time alignment. Controls allow time-off sequence between bursts. 1/4" output in a durable 9V powered case.



ITEM	DESCRIPTION	PRICE
PN2	Pink-noise generator	92.81
PN3A	Gated pink-noise generator with burst	123.93

GOLD LINE LOFT MODEL TS-1B

Use the TS-1B to locate feedback frequencies and troubleshoot & measure speaker systems & frequency response check power amps, align tape machines, and measure S/N ratios. It features a low distortion oscillator, frequency counter and dB meter. Inputs are TRS 1/4", and the unit has 7-segment LEDs.



ITEM	DESCRIPTION	PRICE
TS1B	Audio test set with balanced 1/4" out	476.52

GOLD LINE IMPEDANCE METERS

The ZM1 and ZM1P are unique test and measurement instruments useful to every sound contractor or installer. The ZM1 measures the impedance of loudspeakers and entire distributed loudspeaker systems as well as individual components (resistors, capacitors, inductors). It will also calculate the wattage that will be produced on an installed loudspeaker system. The ZM1P adds an overload protection circuit that prevents the meter from being damaged from amplifier output overloads up to 120VAC and a Tone Generator to improve system testing and performance.



ITEM	DESCRIPTION	PRICE
ZM1	Impedance meter	335.35
ZM1P	Impedance meter with overload protection	406.85

GOLD LINE SPL METERS

The SPL120 is a hand-held sound pressure level meter good to 123dB SPL, with Class 2 filters per ANSI S1.4. Measures SPL in Flat, A, and C Weightings. Built-in omnidirectional condenser capsule will capture either SPL or highest SPL on a 7-segment, 3-digit display. The SPL162 works with levels up to 162 dB SPL. The SPL120RM3 has 3 switchable mic inputs. The SLC1 is a 1RU with warning triggering circuits that provide relay contact closure when sound pressure levels exceed a preset level.



ITEM	DESCRIPTION	PRICE
SPL120	Handheld 120dB SPL meter	297.40
SPL120L	Handheld 120dB SPL meter w/ detachable 35-123 dB omni mic	366.80
SPL120RM3	SPL meter with 3-switchable mic inputs	557.26
SPL162	Handheld 162dB SPL meter	500.42
SPL162R	Handheld 162dB SPL meter w/ detachable mic	522.60
SLC-1	SPL meter with triggering circuits, 1RU	549.97
SPL-SIGN	1RU 123 dB SPL meter w/Beta Bright SPL readout sign	876.62



GOLD LINE

GOLD LINE PORTABLE DIGITAL SPEECH INTELLIGIBILITY METERS

Featuring a 600 ohm omni electret condenser mic, these models display results in CIS, and STI formats (PI formats displayable only on DSP2BP model), factoring in the effects of room acoustics & background noise. Both models also feature a RS232 interface and come with OPT STICis™ firmware, a carrying case, and an STI-PA Test Tone CD. The DSP2BP also includes OPT PI firmware.



ITEM	DESCRIPTION	PRICE
DSP2B	Portable digital speech intelligibility meter	1934.23
DSP2BP	Portable digital speech privacy meter	2182.83

GOLD LINE DSP30 PORTABLE DIGITAL 1/3-OCTAVE REAL-TIME ANALYZER

This portable 30-channel digital 1/3-octave analyzer uses ANSI triple-tuned filters that maintain 1/4 dB accuracy over an 85dB range. Comes with 30 non-volatile memory files and features an RS232 serial port. Pro kits include a spectrum analyzer, instrument mic, pink noise generator, power source, carrying case and software. Minimum system requirements include a computer running Windows 95 (or higher), with 32 MB memory and 2 MB disk space.



ITEM	DESCRIPTION	PRICE
DSP30	30-channel digital real-time analyzer	1368.96
DSP30-10	DSP30 with TEF04 microphone	1417.74
PROKIT30	Audio spectrum analyzer kit w/DSP30	1718.75
PROKIT30H	Same as above, but w/ addn'l software for home theaters	1600.50

Optional expansion packages

OPT-RT60	Reverb time analyzer	225.55
OPT-106	1/6-octave resolution	225.55
OPT-112	1/12-octave resolution	225.55
OPT-NC	SPL to noise criteria	118.15
OPT-STA	Loudspeaker timing	179.01
OPT-STICIS	Intelligibility option with STI-PA test CD	842.40
OPT-DOSE	Dosimeter for OSHA & NIOSH rules	225.55

GOLD LINE TEFPRO AUDIO ANALYZER KIT

A professional, portable dual-channel USB/DC powered analyzer. Includes 2 major software modules (Soundlab RTA and Soundlab TDS), a training VD, TEF preamp and TEF04 microphone with 20ft. cable, all packed in a rugged carry case. The RTA module measures in 1-, 1/2-, 1/3-, 1/6-, and 1/12-octave resolutions. Data can be viewed with a choice of A, B, or C weighting and other displays are peak hold, screen freeze, overlay and difference mode. The TDS module can identify and treat reflections, measure the frequency response of any given reflection, and perform equalizations. TDS simplifies aligning clusters, setting delay lines and measurements of speech intelligibility. TDS will output pink-noise, white-noise and sine wave signals and will perform auto polarity test.



ITEM	DESCRIPTION	PRICE
TEF25-PROKIT	Audio analyzer kit, Includes TEF25 preamp, TEF04 mic, 20' mic cable, 6' USB cable, carrying case, SLRTA60 Sound Lab software, SLTDS Sound Lab software, SLUPG1 Sound Lab upgrade, TEF training DVD	2119.79



GOLD LINE TEFNET ANALYZER SYSTEM This system includes a TEF25 USB preamp/dual-channel analyzer with 5 MUX inputs, evaluation software, and an independent input, for providing special measurements such as a Type 1 NLA measurement.

ITEM	DESCRIPTION	PRICE
TEF-EZ-TUNE-TH1	Includes TEF25 preamp, TEF04 mic, 20' mic cable, 6' USB cable, carrying case, XLR to RCA adapter, EZTH1 EZ Tune software, TK5.1 DVD test disk	2760.49
TEF-EZ-TUNE	EZ Tune software only	895.29
TK5.1	DVD Test Disk	107.68
TEFTONE-CD	CD w/ useful test tones	29.14

GOLD LINE

GOLD LINE 30MP A 1/3-octave battery- or DC-operated audio spectrum analyzer with remote MK8A microphone. Microprocessor controlled with 6 non-volatile memories. Accurate SPL readings in IEC A, C & flat weighting. Supplied w/ serial port for downloading memories. Optional USB adapter available.



ITEM	DESCRIPTION	PRICE
30MP	1/3-octave analyzer with mic	757.36
396-912-IDA	USB adapter cable	35.10

Kallman Creations
"First to Market" Audio Products

KALTMAN CREATIONS INVISIBLE WAVES RF SPECTRUM ANALYZER SOFTWARE

This software program is a PC-based RF spectrum analyzer that automatically charts open white space to aid those operating wireless mic systems, in-ear monitors, etc. Software features include split-screen displays, priority monitored frequencies, instant-save custom profiles, logging with date & time stamps, etc. All system packages include an electronics/receiver package, built-in rechargeable battery pack, AC adapter/charger, multiple antennas, USB-PC cable and a carrying case.



ITEM	DESCRIPTION	PRICE
IW1800	RF spectrum analyzer software for VHF/UHF analysis, 9kHz-1.8GHz	1554.80
IW3500	RF spectrum analyzer software, 9kHz-3.5GHz	1847.30

KALTMAN CREATIONS HANDHELD RF SPECTRUM ANALYZERS

Handheld, battery-operated, true spectrum analyzers ideally suited for helping avoid wireless microphone interference. Also measures RF exposure. The intra-day logging feature monitors RF activity so potential interference in the VHF, UHF, and WiFi bands can be spotted. 10 hot keys to address the more popular North America RF bands: Wi-Fi, industrial remotes, wireless microphone, business & emergency 2-way, assisted listening, Telco/cellular, intercom, and radio/TV broadcast. The LCD screen displays frequency and signal levels, and the internal audio demodulator allows for monitoring through the built-in speaker or external 2.5mm output jack. PC software allows for enhanced visual monitoring. The systems includes an SMA full-range rod antenna, log periodic antenna, batteries & charger/AC adapter, PC software, mini-tripod stand, aluminum carrying case and more.

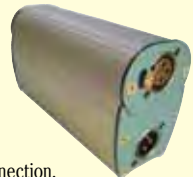


ITEM	DESCRIPTION	PRICE
HF4040	Handheld RF analyzer system 10MHz-4GHz	1587.60
HF4060	Handheld RF analyzer system 10MHz-6GHz	1884.60
HF6080-W10GHZ	Handheld RF analyzer system 1MHz-9.4GHz	CALL



LA AUDIO PC90 PHASE CHECKING SYSTEM

This system's wide band pulse detects polarity inversions acoustically and electronically, regardless of distance or time delay. The separate emitter and receiver units can be placed anywhere within an audio system either with its internal speaker and microphone or its balanced XLR connection.



ITEM	DESCRIPTION	PRICE
PC90MKII	Phase checking system w/separate emitter & receiver units	490.00

NTI INSTRUMENTS MINIRATORS Powerful audio generators that offer a full-range of useful analog test signals for calibration, maintenance, and repair of professional audio equipment. They generate sine waves, sweep signals, white/pink-noise, and polarity/delay test signals. In addition the MR-PRO may be loaded with proprietary user wave forms (via USB), and offers integrated cable-testing capabilities (via XLR input).



ITEM	DESCRIPTION	PRICE
MR2	Test signal generator	332.76
MR-PRO	Pro-test signal generator & cable tester	536.38

AUDIO



NTI INSTRUMENTS ML1 MINILYZER® This is a handheld analog audio meter that has a comprehensive set of functions for analysis of pro audio systems. It continuously measures the audio signal and displays the desired results on its integrated LCD display. Measurement functions include: Level RMS, relative, sound pressure level, VU & PPM meter, speaker polarity test, signal balance error, frequency/time sweep recording, 1/3-octave spectrum RMS & SPL, and distortion analyzer (THD+N), k2-k5 harmonics. The optional MiniLink allows you to interface the ML1 with a PC via software and is user installable.



ITEM	DESCRIPTION	PRICE
ML1	Analog audio analyzer	630.75
MINILINK	USB interface, user installable option	352.19
MINI-SPL	Battery-powered measurement mic, optional	374.33

NTI INSTRUMENTS AL1 ACOUSTILYZER COMPACT ACOUSTIC ANALYZER A compact handheld instrument that has a wide range of acoustical measurement functions. Includes sound pressure level, room acoustics, speech intelligibility, reverberation time, delay time testing and monitoring as well as zoom FFT and a real-time spectrum analyzer. Features a USB interface for computer connectivity and a battery good for over 16 hours per charge.



ITEM	DESCRIPTION	PRICE
AL1	Compact acoustical analyzer	1022.88

NTI INSTRUMENTS DL1 DIGILYZER™ This device is a digital audio analyzer in a convenient palm-sized shape. It handles most digital audio formats including ADAT and sampling frequencies from 32Hz-96kHz. Features include AES3, S/PDIF, TOS-Link, ADAT input connections, carrier status analysis, carrier signal measurement, dual domain monitor speaker, and comprehensive event logger. Unit is powered by 3 AA batteries. The optional MiniLink allows you to interface the DL1 with a PC via software and is user installable.



ITEM	DESCRIPTION	PRICE
DL1	Digital audio analyzer	1609.00
MINILINK	USB interface, user installable option	352.19

PHONIC

PHONIC HANDHELD AUDIO ANALYZERS These accurate handheld audio analyzers provide sound engineers with a rich array of sound analysis tools. Features include 31-band real-time spectrum analysis, SPL and line meter, internal noise generator, EQ setting program, microphone calibration, XLR input and output, and speaker phase checking abilities. All functions and menus are accessible through the analyzers' central jog dial. Information and settings are easy to upload to your computer via the built-in interface (USB on the PAA3). The PAA6 features a 480x272 color LCD touch screen and two condenser mics. This model adds more tone generation functions (white-noise, sine wave, sweep, polarity, triangle, square), as well as LEQ, SLM, FFT, THD+N and scope functions. The built-in mics can be put in multiple remote positions for more accurate room measurements. Also features an SD card slot.



ITEM	DESCRIPTION	PRICE
PAA3	Audio analyzer w/USB interface, RT60, backlight LCD screen	499.99
PAA6	2-channel audio analyzer w/LCD screen, 2 condenser mics	1199.99



ROLLS CS1000 CABLE SCANNER COMPLETE CABLE TESTER The CS1000 tests 10 different types of cable ends – banana, Speakon, RCA, 1/4", 1/8", XLR female, XLR male, MIDI, RJ11 and RJ45. Each cable being tested has its pin-out scanned for continuity as well as proper polarity. Features a balanced 1kHz Test Tone oscillator with a calibrated variable level control. The CS1000 also features phantom power voltage and polarity (both signals present) testing as well.



ITEM	DESCRIPTION	PRICE
CS1000	Cable tester	135.00

Tenemos ventas y servicio en Español. Expertos que hablan Español disponibles en x1178 y x1164.

whirlwind WHIRLWIND AESQBOX

A tester of AES-3 and S/PDIF digital audio systems that generates AES-3 or S/PDIF output signals over a sample frequency range from 32kHz-192kHz. Audio sources available for the signal generator/transmitter function include a built-in microphone, a pair of tone generators, or an external line-level stereo audio source. It also functions as an AES-3 or S/PDIF receiver capable of receiving sample frequencies from 32kHz-192kHz, and can monitor audio content via a built-in speaker or line/headphone output jack.



ITEM	DESCRIPTION	PRICE
AES-QBOX	S/PDIF & AES-3 I/O, 1/8" TRS line-level audio in, 1/8" TRS line-level/headphone out, and 5.5mm x 2.1mm co-axial external power jack	532.73

WHIRLWIND CAB DRIVER SPEAKER COMPONENT CHECKER

Test device for checking the operation of the speaker components within enclosures. Speaker connectors include Speakon NL8 and NL4, 1/4" TS and banana jacks. An XLR line output feeds the pink noise to self-powered speaker units. A DC OHMS TEST button applies 5 VDC to the output terminals. Also performs a 4C ohms test where 3 LEDs indicate approximate ranges of 4, 8, or 16ohms. It is powered by 4 AA batteries or by an external 6 VDC wall wart power supply (not included).



ITEM	DESCRIPTION	PRICE
CAB-DRIVER	Speaker and polarity tester	209.04

WHIRLWIND DCT-9 CABLE TESTER

Fast and accurate, it tests a variety of cables. It offers a digital test program that checks for correct wiring and displays any faults on the numeric display. It indicates several fault types including shorts, opens & crosswired conductors. A built-in test tone oscillator generates 440Hz & 1kHz tones for basic signal path tracing. It tests XLR, RCA phono, RJ-45, 1/4" TS, 1/4" TRS, BNC, TT Patch, NL4, & 1/8" TRS.



ITEM	DESCRIPTION	PRICE
DCT9	Cable tester	89.04

WHIRLWIND DMX35 CABLE TESTER

This cable tester checks 3- and 5-pin XLR DMX lighting cables and also indicates the presence of the DMX data signal when connected to a functioning control line. The 3-pin XLR jacks also test microphone cables for opens, shorts or reversed connections.



ITEM	DESCRIPTION	PRICE
DMX35T	DMX cable tester	162.47

WHIRLWIND MCT7 CABLE TESTER

This diagnostic cable tester has connectors for analyzing almost any type of cable connection. The convenient rotary switch allows testing of each conductor within the cable and can determine the internal wiring configuration. Tests NL4, 5-pin DIN, BNC, XLR, TRS, RCA, and 3.5mm types.



ITEM	DESCRIPTION	PRICE
MCT7	Cable tester	122.54

WHIRLWIND QBOX REVISION 2

This is an all-in-one audio line tester ideal for live sound or installation work. Unit includes a microphone, a speaker, a test tone generator, outputs for standard headphones, a 1/4" jack for line in, or a 2k ohm (telephone) earpiece out, plus voltage presence LEDs for confirming phantom or intercom power. For an instant hands-free intercom, simply plug in headphones and hook up a Qbox on each end of a line. Unit is powered by a 9V battery.



ITEM	DESCRIPTION	PRICE
Q-BOX	Line tester	195.02

WHIRLWIND SC SERIES NL/EP TESTERS

The SC series testers provide rapid, positive testing for multiline speaker cables. Rotating the central switch applies voltage to the cable conductors one-at-a-time. A SEND LED indicates the pin to which the voltage is being applied, and a RECEIVE LED indicates where it returns. This system clearly reveals shorts, opens, and cross-wires allowing you to test common combinations of speaker cables. All three models test 3-pin XLR cables as well.



ITEM	DESCRIPTION	PRICE
SC48RJ	Tests 4- and 8-pin NL cables +RJ45 data cables	216.03
SC46EP	Tests 4- and 6-pin EP cables	221.87
SC48EP	Tests 4- and 8-pin EP cables	229.47

