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### 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 with 0.1dB resolution, digital pink-noise generator and includes a calibrated microphone. The SA3052 adds an internal battery pack with 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	942.64
SA3052	1/3-octave analyzer with battery and port	1298.21

### DOUG FLEENOR DESIGN

PRODUCTS FOR DMX512

#### DOUG FLEENOR DESIGN GIZMO DMX512 TEST BOX

Transmit, receive, save and playback scenes, and perform a variety of data and cable tests. It features a rugged 1/10" aluminum enclosure, a 16 character by 2 line back lit display, an optically isolated input, a slew-rate limited output, a NiMH rechargeable battery good for four hours of continuous testing, and a five year warranty. A nylon carrying case and AC adapter/charger are included. The full numeric keyboard provides direct channel access and level setting without the need for scrolling. Up to one hundred scenes can be stored. These can be captured from incoming DMX or built using the AND, THRU and AT keys.



ITEM	DESCRIPTION	PRICE
GIZMO	DMX512 test box	1049.76



#### 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 0.5dB with accuracy of ± 2.0dB, 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 and C, time weightings fast and 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 and can be software controlled and tripod mounted with optional accessories (see below).



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

#### GALAXY AUDIO CRICKET POLARITY AND 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 LEDs can save hours of troubleshooting.



ITEM	DESCRIPTION	PRICE
CRICKET	Polarity tester	99.99

### GOLD LINE

#### GOLD LINE GL1K MICROPHONE INPUT TESTER

Microphone input tester with tone generator and 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	51.35

#### 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	344.25
APT2B	Same as APT2, with balanced I/O	385.56

#### GOLD LINE PN2 PINK NOISE GENERATORS

Pink-noise generators supply a flat noise source as a test signal for sound systems. The PN2 provides professional quality pink-noise for equalization/analysis, 1/4" output in a durable 9V powered case.



ITEM	DESCRIPTION	PRICE
PN2	Pink-noise generator	108.28

**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	444.96
ZM1P	Impedance meter with overload protection	542.24

#### 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 and background noise. Both models also feature a RS232 interface and come with OPT STICs™ 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	2146.88
DSP2BP	Portable digital speech privacy meter	2381.25



#### IDEAL VDV PRO CABLE TESTER WITH EIGHT REMOTES

The VDV PRO Cable Tester is an easy-to-use cable testing and verification device that can quickly test all wiring requirements found throughout today's residential and commercial environments. Tests 3-pair USOC and 6-position RJ-11/12 jacks for voice cable testing. Tests wire map of shielded and unshielded cable to T568A/B standard for data cable testing. Tests coax cable for opens, shorts and length with F-Connector interface for video cable testing.



ITEM	DESCRIPTION	PRICE
33-771	VDV Pro cable tester with 8 remotes	589.27



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**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 and 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 and charger/AC adapter, PC software, mini-tripod stand, aluminum carrying case and more.



ITEM	DESCRIPTION	PRICE
HF4040	Handheld RF analyzer system 10MHz-4GHz	1557.40
HF4060	Handheld RF analyzer system 10MHz-6GHz	1864.20
HF60105	Handheld RF analyzer system 1MHz-9.4GHz	4585.00



**NTI INSTRUMENTS XL2 AUDIO AND ACOUSTIC ANALYZER**

A unique combination of state-of-the-art sound level meter, comprehensive acoustic analyzer and powerful audio analyzer. All data and audio is logged on the SD card for transfer to your PC. Some of the sound levels tested are: SPL actual, Lmin, Lmax, Lpeak, Leq and gliding Leq. Spectrum Analyzer measurement functions include: 1/3 octave, 1/1 octave; frequency weighting - A, C, Z (=flat). The acoustic analyzer functions include: FFT Analysis, RT60 reverberation time, polarity, delay, and more. Audio analyzer functions include: Level RMS, THD+N, frequency, scope and more. Features a digital I/O interface for the control of external peripherals.



ITEM	DESCRIPTION	PRICE
XL2-NTI-NOMIC	Audio and acoustic analyzer, no mic	1297.66
XL2-NTI-M2230	Audio and acoustic analyzer with M2230 measurement mic	2874.82

**LEX LEX PRODUCT CORP LSC 6CIRCUIT™ LIVE TESTER**

A portable 19-pin tester that tests and diagnoses cabling problems while the cable is still installed. Unlike conventional 19-pin testers, which require cables to be tested from both ends, the tester plugs directly into the end of any energized, dimmed or undimmed six-circuit cable. Features rugged solid rubber construction. Tests LIVE 120 VAC 19 Pin cables and connectors, verifies power on each of the circuits, and diagnoses both broken and swapped wires and pins. Provides 3 diagnostic LEDs for each circuit, similar to popular electrician's single-circuit testers. Includes canvas belt pouch.



ITEM	DESCRIPTION	PRICE
LT-19P	Six-circuit cable tester	294.08

**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	331.71
MR-PRO	Pro-test signal generator and cable tester	539.03

**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 and PPM meter, speaker polarity test, signal balance error, frequency-time sweep recording, 1/3-octave spectrum RMS and 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	678.26
MINILINK	USB interface, user installable option	343.74
MINI-SPL	Battery-powered measurement mic	368.29

**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	1033.14

**NEUTRIK**

**NEUTRIK CAS-FOCD AND CAS-FOCD-ADV FIBER OPTIC CLEANING KITS**

These fiber optic cleaning kits include a case, 400x magnification hand microscope, opticalCON microscope adapter, 2.5 microscope adapter, opticalCON cleaning box, 1.25mm DRY cleaner, 2.5mm DRY cleaner and fiber optic cleaning fluid. The CAS-FOCD-ADV cleaning kit contains the same as above, but adds extra space for optional MTP® dry cleaner FOCD-DCM and advanced inspection equipment.



ITEM	DESCRIPTION	PRICE
CAS-FOCD	Fiber optic cleaning kit	1057.50
CAS-FOCD-ADV	Fiber optic cleaning kit with extra case space	997.16

**NEUTRIK FOMD-FM-SM AND FOMD-FM-MM**

The FOMD-FM-SM is a single mode fiber meter for use with the measurement kit CAS-FOMD. Specifications include a wavelength of 1310nm-1625nm and optical power range of -40dBm to +5dBm. The FOMD-FM-MM is a multimode fiber meter for use with the measurement kit CAS-FOMD. Its specifications include a wavelength of 850nm-1300nm and -30dBm to -15dBm. Both operate on (2) AAA batteries and have a 3-digits LED display.



ITEM	DESCRIPTION	PRICE
FOMD-FM-SM	Single mode fiber meter	1082.25
FOMD-FM-MM	Multimode fiber meter	562.02

**NEUTRIK FOMD-TC-SM1310** Single mode light source SFP plug-in module 1310 nm to combine with the measurement kit CAS-FOMD.



ITEM	DESCRIPTION	PRICE
FOMD-TC-SM1310	Single mode light source SFP plug-in module 1310 nm	321.25

Looking for measurement mics?  
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TM1



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## PLATINUM TOOLS

**PLATINUM TOOLS VDV MAPMASTER 2.0 VOICE, DATA AND VIDEO TESTER** Combines continuity testing, mapping, tone generation and length measurement functions into a single unit. It can identify and map 19 locations simultaneously. It will test voice, data and video cables, indicating shorts, opens, reversals, miswires and split pairs. Features include extra-large LCD display, RJ Voice and Data master remote and low power consumption with auto power-off function.



ITEM	DESCRIPTION	PRICE
T129	VDV MapMaster 2.0	110.46
T120C	Coax Remote Set	33.96
T121C	Data Remote Set	29.71
T124C	Master remote replacement	13.98
T125C	Toner cable RJ45/alligator	8.46
T126C	No-fault cable	3.36
21025C	RJ45 PortSaver	8.46

## PYLE

### PYLE PCT40 12-PLUG PRO AUDIO CABLE TESTER

This cable tester supports nearly all cable types used in the sound recording industry, providing you with an all-in-one solution to help identify cable continuity issues in your audio setup. Resolve any problems before important events. Tests USB, 1/4" TRS Jacks, 3-pin XLRM, 3-pin XLRF, 5-pin XLR, RCA Phono, 4-pin Speakon, 4-pin S-type jack, banana plugs, 3-pin DIN, 5-pin DIN, 8-pin DIN and RJ45 connections. 9V battery-powered (not included).



ITEM	DESCRIPTION	PRICE
PCT40	12-plug pro audio cable tester	36.92

### PYLE PSPLO1 MINI DIGITAL SOUND LEVEL METER

Measures 40-130dB with an accuracy of 3.5dB. It uses a 0.5" electret condenser microphone for accurate sound measuring. The digital display offers 0.1dB sound resolution with fast time weighting. Uses A-type frequency weighting. Powers off automatically after 15 minutes of inactivity. Includes microphone windscreens and a 9V battery for up to 50 hours of battery life.



ITEM	DESCRIPTION	PRICE
PSPLO1	Mini digital sound level meter	34.97

## ROLLS

### 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

### ROLLS SLM305 DIGITAL SOUND LEVEL METER

Powered by a single 9 volt battery, it features auto off to preserve batteries, MAX hold dB, automatic backlight display, low battery indication and is accurate to +/- 1dB. Its measuring range is 30dBA to 130dBA and has a 4 digit & .1dB metering resolution. The frequency response is 31.5Hz to 8.5KHz with a sampling rate of 2 times/sec.



ITEM	DESCRIPTION	PRICE
SLM305	Digital sound level meter	39.15



SM PRO



**SM PRO AUDIO JACK-A-ROO MULTI FUNCTION TEST DEVICE** A combination cable tester, signal generator, splitter, combiner, DI box and more all housed in a sturdy 2RU chassis. It boasts a wide array of front-panel inputs and outputs, including Neutrik XLR, 1/4" TRS, 1/8" TRS, RCA, BNC, 5-pin MIDI, RJ11 and RJ 45. Any input can feed any output, making it a snap to connect equipment with dissimilar I/O configurations. Transformer isolation, on-board continuously variable passive attenuators with true-switched bypass and banana plug connections for continuity testing are also included. It also sports a 100Hz/1kHz/10kHz signal generator, selectable output voltage power supply (AC and DC), ground lift and a monitor speaker. It can also function simultaneously as two separate devices, and multiple Jack-A-Roos can be linked via a standard RJ45 cable.

ITEM	DESCRIPTION	PRICE
SMP-JKR-1	Multifunction test device	599.99

## 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 and 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	497.21

**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 NLA, 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 2kΩ (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
SC48EP	Tests 4- and 6-pin EP cables	221.87
SC48EP	Tests 4- and 8-pin EP cables	229.47

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