

TEPEL Sound Level Data Logger / Tachometer



CE
EMC-LVD
DSL-331

RS-232

Programmable Sound Level Data logger

- Auto ranging measurement 30dB to 130dB
- Work with window software
- 32,000 Records data logger
- Bar graph Indication with back light
- RS-232 real time display software for window 95/98/2000/XP
- Frequency weighting: A, C
- 4-Digit display with updated cycle 0.5s
- 0.1dB resolution
- Max/Min hold function
- The standard fast and slow time weightings
- AC/DC signal output
- Overload condition indication
- Auxiliary output jack
- IEC 651 type II, ANSI S1.4 type2
- Calibration potentiometer easy to adjust
- USB cable (option)

Standard applied	IEC651 type 2, ANSI S1.4 type 2	Indication function	of range. ; " UNDER" is displayed, while input is less than lower limit of range.
Frequency range	31.5Hz~8KHz	MAX/MIN hold	Hold reading the maximum and minimum value
Measuring level range	30~130dB	AC output	1V rms at FS (full scale), output impedance: Approx. 100Ω
Frequency weighting	A/C	DC output	10mV/dB, output impedance approx. 1KΩ
Microphone	1/2 inch electric condenser microphone	Auto power off	30 minutes if no operation
Display	LCD back light function	General	
Digital display	4 Digits, resolution: 0.1dB, display update: 0.5 sec	Power requirement	One piece 9V battery NEDA 1604
Analog display	50 segment bar graph, resolution, resolution: 0.1dB, display update: 50mS	Power life	About 50 hours (Alkaline battery)
Time weighting	Fast (125mS); Slow (1 Sec)	AC adapter (option)	Voltage 9VDC (8~15 VDC Max.); Supply current: >30mADC
LEVEL range	Lo: 30~80dB; Med: 50~100dB, Hi: 80~130dB; auto range: 30~130dB	Weight	10 oz(285g)
Accuracy	±1.5dB (under reference condition at 94dB 1KHz)	Accessories	9V battery, carrying case, calibration screwdriver, 3.5ø plug, windscreen and owners manual
Measuring level range	30~130dB	Tripod connection hole	Able to connect camera tripod stand
Dynamic range	100dB		
Over and under range	"OVER" is displayed, while input is more than upper limit		



RM-1500/ RM-1501

RS-232

CE
EMC-LVD

Digital Tachometer

- 5 Digits LCD display
- Light reflex measurement
- Range from 10.00 to 99,999 RPM
- Measuring distance 50 to 300mm
- Event counter elapsed time
- Max/Min hold: true average
- Auto range RPM
- Optical measurement & contact measurement
- Event counter (0~99,999)
- RS-232 interface (RM-1501)
- Contact RPM and circumferential velocity measurement in one simple adaptor (optional RM-1502)

General specification:	
Battery	Four 1.5V battery (AA, UM3)
Time base	4.000MHz quartz crystal
Operating temperature	0°C~50°C (32°F~122°F)
Reflective light	Red LED
Size	6.8"(L)x2.5"(W)x1.4"(H) 175mm(L)x65mm(W)x36mm(H)
Weight	250g (Including battery)
Accessories	Carrying case x 1, reflective tape x 1 Instruction manual x 1, (Software & RS-232 cable for RM-1501)
Option	Contact adaptor (Optional RM-1502)
Ordering information:	
MODEL : RM 1500	Digital optical tachometer (exclude RM 1502)
MODEL : RM 1501	RS-232 interface, software and RS-232 cable
MODEL : RM 1502	Contact adaptor



RM-1502

