

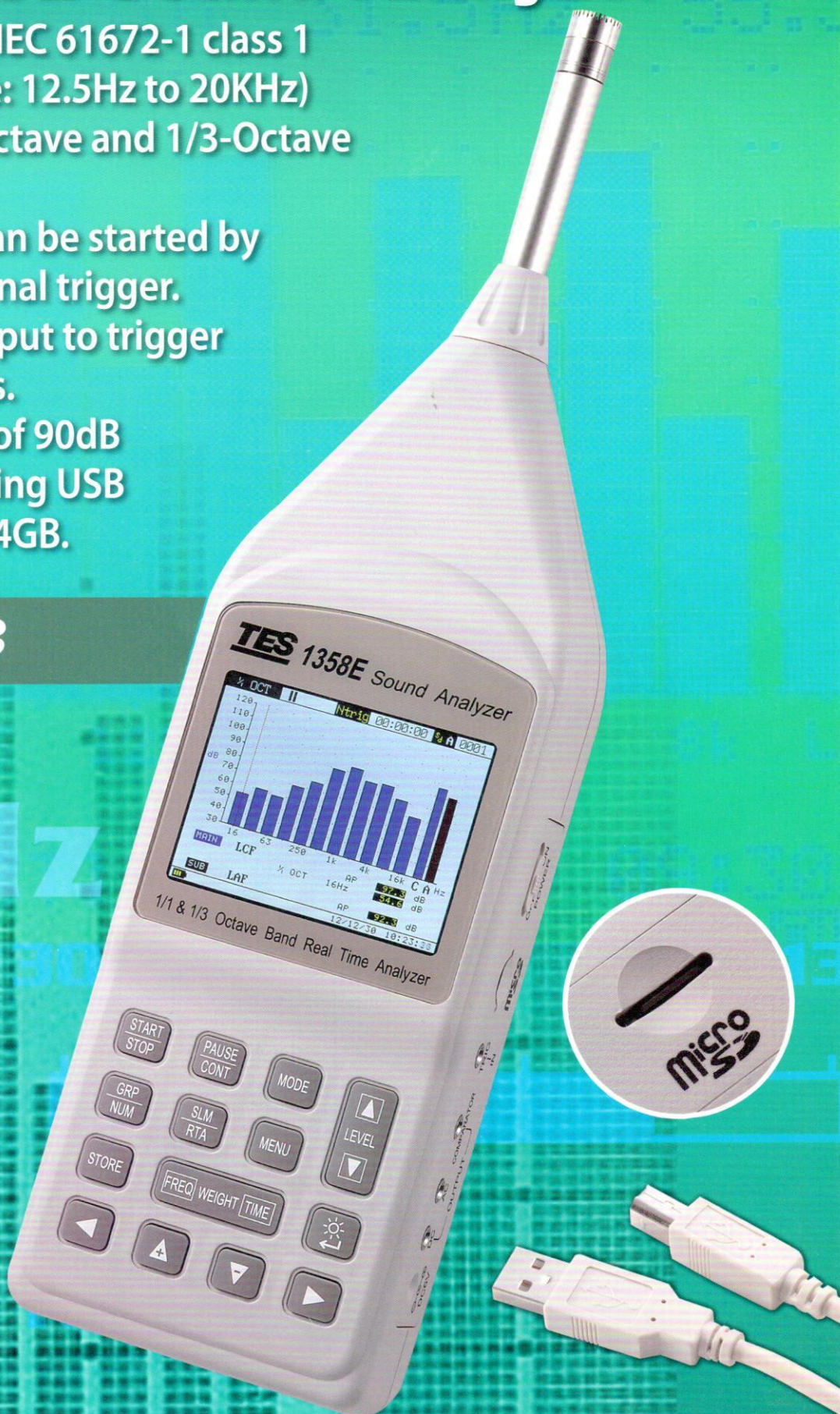
TES

Reliable in Quality

TES-1358E Sound Analyzer

- Compliant with IEC 61672-1 class 1 standard (Range: 12.5Hz to 20KHz)
- Real-time 1/1-Octave and 1/3-Octave analysis.
- Measurement can be started by internal or external trigger.
- Comparator output to trigger external devices.
- Dynamic range of 90dB
- Data transfer using USB
- micro SD CARD 4GB.

USB



FEATURES

- Compliant with IEC 61672-1 class 1 standard.
- Real-time 1/1-Octave and 1/3-Octave analysis.
- Measurement can be started by internal or external trigger.
- Comparator output to trigger external devices.
- Super high – contrast backlight TFT – LCD color display.
- Dynamic range of 90dB.
- AC and DC outputs.
- Data transfer using USB.
- micro SD CARD 4GB.

SPECIFICATIONS

Applicable standards	IEC61672-1 : 2002 Class 1, ANSI S1.4 : 1983 Type 1, ANSI S1.11 – 2004 Class 1, IEC61260 : 1995 Class 1, ANSI S1.43 – 1997 Class 1
Microphone	1/2-inch Electret condenser microphone
Measurement range	30 to 130dB
Measurement level range	20 to 90dB, 20 to 100dB, 20 to 110dB, 30 to 120dB, 40 to 130dB
Measurement function	L _p , L _{eq} , L _E , L _{max} , L _{min} , L ₀₅ , L ₁₀ , L ₅₀ , L ₉₀ , L ₉₅
Frequency range	12.5Hz to 20KHz
Frequency weighting	A, C and Z
Time weighting	Fast, Slow, τ = 10ms, Impulse
Display	3.5" 320x240 TFT – LCD display with back light
1/1 Octave and 1/3 Octave band filters	1/1 Octave band center frequencies : (11 bands) 20Hz, 31.5Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz and 16KHz 1/3 Octave band center frequencies : (33 bands) 12.5Hz, 16Hz, 20Hz, 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1KHz, 1.25KHz, 1.6KHz, 2KHz, 2.5KHz, 3.15KHz, 4KHz, 5KHz, 6.3KHz, 8KHz, 10KHz, 12.5KHz, 16KHz, 20KHz
Extension cable	Available in lengths of 5m (TL-F47/5M) and 10m(TL-F47/10M)
Memory capacity	Manual (250 data sets), Auto (250 blocks on micro SD CARD 4GB)
Signal output	AC output : 1 Vrms (at full scale) DC output : 10mV/dB
Power	4 pcs of C size 1.5V (LR14) batteries
External DC power supply	6V, 1A
Battery life	Approx. 2hrs
Operating Temperature/Humidity	-10°C to 50°C, 10 to 90% RH
Dimensions & Weight	34.5(H)×10(W)×6(D) cm & Approx. 950g (including batteries)
Accessories	Instruction manual, Alkaline battery × 4, Hard carry case, CD-ROM, USB cable, 4GB micro SD card, Adjustment screw driver, Windscreen, 3.5φ, AC Adaptor



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