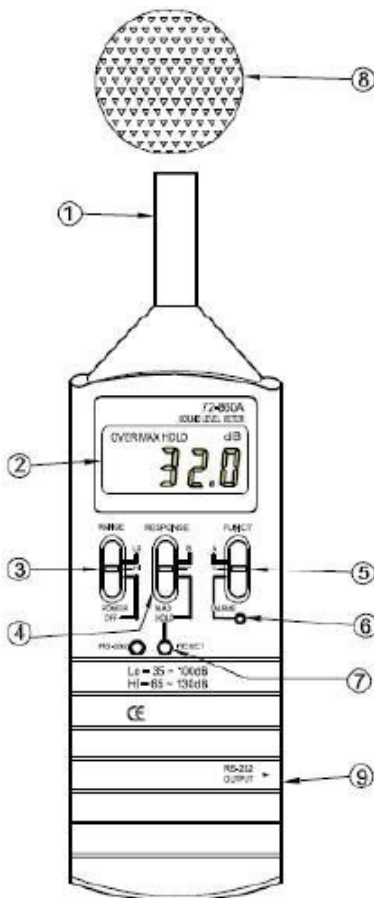


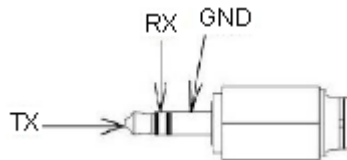
# Sound Level Meter

## With RS-232 Capability



### Parts and Functions

1. Microphone
2. Display
3. Power and Range Switch
4. Response and Maximum Hold Switch
5. Function Weighting
6. Call Vibration Control
7. Reset Button
8. Windscreen
9. Output Jack-Standard Ø3.5 mm 3 pole coaxial output socket serves to supply AC and log-converted DC signals to external equipment
  - Outputs : Two outputs can be accessed through Ø3.5 stereo phone plug
  - DC Output : Logarithmic signal, 10 mV / dB
  - Impedance : ≤100 Ohms



# Sound Level Meter

## With RS-232 Capability



### Specifications:

Microphone	: 1/2 inch Electret condenser
Display	: LCD 4 Digits Resolution : 0.1 dB Display Period : 0.5 seconds
Time Weighting	: FAST (125 mS), Slow (1 second)
Level Ranges	: Low : 35 to 100 dB, High : 65 to 130 dB
Frequency Range	: 31.5 Hz to 8 KHz
Frequency Weighting	: A/C
Accuracy	: $\pm 2$ dB (under reference conditions)
Dynamic Range	: 65dB
Alarm Function	: "OVER" Is shown when input is out of range
Maximum Hold	: Hold readings, with decay <1 dB / 3 minutes
Calibration	: Electrical calibration with the internal oscillator (1 KHz Sine Wave)
AC Output	: 0.65 V rms at FS (Full Scale), output impedance approximately 600 ohms
DC Output	: 10 mV / dB, output impedance approximately 100 ohms
Power Supply	: One 9 V battery 006P, IEC 6F22, or NEDA 1604 (included)
Power Life	: About 50 Hours, ( Alkaline cell)
Operating Temperature	: 0°C to 40°C [32°F to 104°F]
operating Humidity	: 10 to 90% RH
Storage Temperature	: -10°C to 60°C (14°F to 140°F)
Storage Humidity	: 10 to 75% RH
Dimensions	: 240 (L) $\times$ 68 (W) $\times$ 25 mm (H)
Weight	: 210 g (including battery)
Includes	: 9 V Battery, carrying case, screwdriver, instruction manual, $\varnothing 3.5$ plug, windscreen, RS-232 software
Meter is protected throughout by double insulation or reinforced insulation	

(According to IEC651, ANSI S1.4)

### Part Number Table

Description	Part Number Table
Sound Level Meter+RS232	72-860A

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