Casella Type-2 Wide-Range Sound Level Meters

Don’t be out of compliance

- Real-time octave or 1/3 octave band analysis in 11 (or 33) simultaneous bands
- Models with software allow you to further analyze data and easily generate reports

CEL-620 Models feature unique DSP technology allowing the simultaneous capture of sound parameters with A, C, and Z frequency weightings and slow, fast, and impulse time responses over a full 120 dB dynamic range. All noise parameters are measured and stored—such as current sound level, maximum, minimum, time average, peak, and TWA (with optional threshold). Context-sensitive menus provide simple navigation, set up, and use. The USB interface allows measurement data be easily transferred.

CEL-630 Models offer the same features as the CEL-620 series plus extensive data logging time history recording that is particularly useful for environmental noise recording at regular intervals. Regular samples can be saved, in addition to overall values, for the whole of a run. Use the timer function to control the start and end of a run for automatic recording and the event-based threshold noise level to trigger recordings above a significant level. Meters produce statistical percentile levels providing a complete description of local noise environments.

What’s included: acoustic calibrator, wrist strap, windscreen, USB cable, carrying case, and three AA batteries.

Specifications

<table>
<thead>
<tr>
<th>Range: 20 to 140 dB</th>
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<tr>
<td>Resolution: 0.1 dB</td>
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<td>Accuracy: ±1.5 dB</td>
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<td>Weighting: A, C, and Z, simultaneously</td>
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Functions: Lp, Lmx, Lmn, Leq, Ldod, Lavg, Lpk, LAE
Output: USB
Power: three AA batteries or external 12 VDC or 5 VDC via USB

Digi-Sense™ Precalibrated Data Logging Sound Level Meter

Know your noise level & stay in compliance

- Reliable measurements, guaranteed!
- Precalibrated to NIST-traceable standards
- Four user-selectable ranges from 30 to 130 dB provide additional flexibility
- Programmable sample rates for a wide range of applications
- Expanded memory up to 32,700 readings
- Included data logging software with graphical display for quick and easy analysis
- Tripod mountable—ideal for field use

Get precision sound decibel measurements for product noise certification and reduction applications. The meter conforms to IEC61672-1 Class 2 standards, ideal for OSHA and IEC surveys. Unit features A and C weighting capabilities for measuring noise levels from industrial machinery or equipment to residential/commercial environments ensuring noise level standards and compliance. Use the included software to view data in graphical format as well as record and download data via USB to your PC for further analysis.

Additional features include Max/Min and Hold functions, over- and under-range indication, fast/slow response, analog AD/DC outputs, and USB connectivity. Automatic power-off conserves battery life. Plus the NIST-traceable precalibration means you get reliable measurements right out of the box, saving you time and money!

Conformance: ANSI and IEC61672-1 Class 2

What’s included: windscreen, 3.5-mm earphone plug, screwdriver, software, USB cable, three AAA batteries, and NIST-traceable calibration report with data supplied by InnoCal.

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<th>Description</th>
<th>Type</th>
<th>Catalog number</th>
<th>Price</th>
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Accessories

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