An application-specific series for use in a wide range of fields

- Linearity range: 85 dB
- Long battery life (approximately 40 hours)
- Measurement condition storage function makes it easier to start measurements
- Key protect function to prevent accidental operation
- Time scheduled operation for environmental measurements (LA-1250)
- Comparator output and external control setting capability (optional)
Noise is a serious environmental problem that affects us in our daily life, and sound level meters are an indispensable tool for addressing noise issues. Unfortunately, traditional sound level meters have a number of drawbacks, such as requiring large amounts of data. Another problem encountered with certain types of noise characteristics is the need for 24 hours of continuous measurement, which increases costs tremendously. The LA-1200 series was designed to solve these problems, providing a user-friendly, next-generation sound level meter solution for measurements in the field. These meters let you measure noise accurately and efficiently according to the needs of the particular application. High-end models are also available. Ono Sokki's sound level meter lineup includes the LA-2000 series of multi-function integrating sound level meters with an optional octave analysis function, and the LA-5000 series of precision sound level meters. This broad product lineup provides sound level meter solutions tailored to your needs.

85-dB linearity range
Linearity range was improved to 85 dB, a 70 percent increase over Ono Sokki's earlier models. In addition, battery life has been extended to approximately 40 hours, and the meter's weight has been reduced to 260 grams.

Measurement condition storage function
All sound level meters have a resume function, which stores measurement conditions when the meter is turned off, and a key protect function. These functions make the meters easier to use and prevent accidental operation. Models LA-1240 and LA-1250 can also store nine different measurement condition sets for different applications.

Compliant with new environmental standards (LA-1250)
The LA-1250 includes a back-erase function and automatic measurement function for advanced environmental sound measurements. A single LA-1250 meter can handle a wide range of environmental sound level measurements.

Comparator output (optional on LA-0121)
When combined with an external recorder (e.g., DAT, MD), the comparator output function makes it easy to record sound levels at or above a certain sound pressure level. This feature is useful for identifying noise that needs to be filtered out during road traffic sound level measurement. (Not available with LA-1210.)

Optional external control (optional on LA-0122)
This option lets you start and pause measurements, output data to a printer, and write data to internal memory through external controls. This simplifies the process of starting measurements simultaneously on multiple sound level meters. The comparator output and external control capabilities can be combined for automatic measurement of values exceeding a set level. (Not available with LA-1210 and LA-1220.)

The LA-1200 series:
Combining the ultimate in user-friendliness and functionality in a single unit
The LA-1200 series: A full lineup of meters for high-precision, application-specific measurements

The models in the LA-1200 series of sound level meters are tailored to specific applications. The meter body has been made lighter while adding memory capability and expanding the linearity range. At the same time, battery life has been increased, and the meters are designed for easy use in the field. The comparator function* makes it easy to monitor for sudden noises, and the external control function* lets you start measurements on multiple meters simultaneously.

* Optional (See the specifications for models that are available with these functions.)

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### Specifications for LA-1200 Series Sound Level Meters

#### Model
<table>
<thead>
<tr>
<th>Applicable standards</th>
<th>LA-1210</th>
<th>LA-1220</th>
<th>LA-1240</th>
<th>LA-1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>JIS C1502, IEC 60651 TYPE2, IEC60804 TYPE2, Draft IEC 61672-Aug 1998 Class 2, ANSI S 1.4 Type 2</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

#### Linearity range
- 85 dB

#### Frequency range
- 20 Hz to 8 kHz

#### Measurement range
- JIS: 27 to 130 dB (A), 32 to 130 dB (C), 37 to 130 dB (FLAT)
- IEC: 26 to 140 dB (A), 31 to 140 dB (C), 36 to 140 dB (FLAT)

#### Frequency characteristic correction
- A.C. FLAT

#### Measured parameters
- Instantaneous sound pressure level (Lp)
- Equivalent continuous sound pressure level (Leq)
- Sound exposure level (Lex)
- Percentile sound pressure level (Lx)
- Maximum value (Max)

#### Dynamic characteristics
- Sampling periods
  - Equivalent continuous sound pressure level (Leq) 32/8S
  - Percentile sound pressure level (Lex) 100 ms
  - Maximum value (Max) 32/8S
- Display period
  - Digital display: 1 second
  - Bar indicator: 100 ms
- Memory function (note 1)
  - Manual
  - Block
  - 300 addresses
  - 1440 addresses × 10 blocks
- Analog output
  - AC output: Full scale 0.707 Vrms
  - DC output: Full scale 2.5V 0.5V/10 dB
- Clock function
- Automatic measurement function (with power-saving function)
- Resume function
- Measurement condition storage function
- Key protect function
- Back erase function
- External control
- Comparator output
- RS-232C

#### Display
- Segmented

#### Power
- 2 AA batteries

#### Operating temperature range
- -10 to 50°C

#### Operating humidity range
- 30 to 90% RH

#### External dimensions
- Approximately 70 × 240 × 30 mm

#### Accessories
- AC adapter, signal cable, batteries, screwdriver for making adjustments, wind screen, hand strap, carrying case, operating manual

#### Weight
- Approximately 260 grams

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Note 1: Leq, Lex, Lmax, L90, L95, and L5 are all stored in a single address.

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*Outer appearance and specifications are subject to change without prior notice.*