

Order code	Manufacturer code	Description
85-2438	n/a	DIGITAL SOUND LEVEL METER. (RE)

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

Sound Level Meter

Features:

- CE-Mark approval
- Portability and simplicity one-hand operation
- Provided AC and DC output function
- With A and C frequency weighting characteristics
- With Slow and Fast time weighting characteristics
- With Maximum Hold function
- With under and over range indication
- Valox housing to withstand accidental drops
- Attached carrying case


Model: 650

Applications:

- Outdoor
- Indoor
- Office environment

Specifications:

Display: 3½ digit liquid crystal display (LCD) with a maximum reading of 1999.

Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.

Operating environment: -10°C to 50°C, <90% R.H..

Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Battery: 4 pcs 1.5V(AAA Size) UM-4,R03

Dimensions: 215mm(H) x 44mm(W) x 40mm(D).

Weight: Approx. 168g including battery.

Electrical:

Standard applied: IEC 651 Type 2

Range: Lo - 35dB to 90dB, Hi - 75dB to 130dB

Resolution: 0.1dB

Accuracy: ±1.5dB (ref 94dB @ 1KHz)

Dynamic Range: 55dB

Frequency Range: 31.5Hz to 8000Hz

Frequency Weighting: A, C

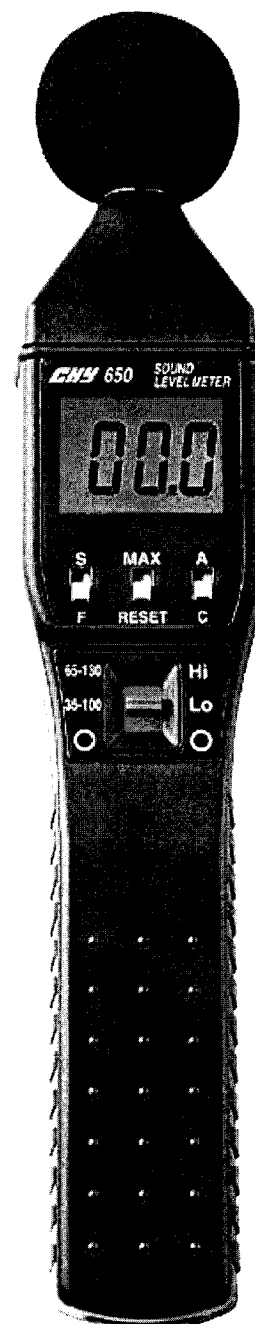
Time Weighting: Slow & Fast

Microphone: Electret condenser microphone

Auxiliary Outputs:

AC conditioned: 1Vrms corresponding to each range step impedance: 600Ω

DC conditioned: 10mV/dB (nominally) impedance: 600Ω



CHY ELECTRONIC CO., LTD.
No. 100, Sec. 2, Zhongxing Rd.,
Tainan City, Taiwan, R.O.C.

Tel: (886) 6-221-1511
Fax: (886) 6-221-1522
Website: www.chy.com.tw

Declaration of Conformity

We, Manufacturer/Importer
(full address)

declare that the product
(description of the apparatus, system, installation to which it refers)

Sound Level Meter

Model# 650

is in conformity with
(reference to the specification under which conformity is declared)
in accordance with 89/336 EEC-EMC Directive

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> EN 55011 | Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) high frequency equipment | <input type="checkbox"/> EN 61000-3-2*
<input type="checkbox"/> EN60555-2 | Disturbances in supply systems caused by household appliances and similar electrical equipment "Harmonics" |
| <input type="checkbox"/> EN55013 | Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment | <input type="checkbox"/> EN61000-3-3*
<input type="checkbox"/> EN60555-3 | Disturbances in supply systems caused by household appliances and similar electrical equipment "Voltage fluctuations" |
| <input type="checkbox"/> EN 55014 | Limits and methods of measurement of radio disturbance characteristics of household electrical appliances, portable tools and similar electrical apparatus | <input checked="" type="checkbox"/> EN 50081-1
<input checked="" type="checkbox"/> EN 50082-1 | Generic emission standard Part 1:
Residual, commercial and light industry

Generic immunity standard Part 1:
Residual, commercial and light industry |
| <input type="checkbox"/> EN 55015 | Limits and methods of measurement of radio disturbance characteristics of fluorescent lamps and luminaries | <input type="checkbox"/> EN 50081-2 | Generic emission standard Part 2:
Industrial environment |
| <input type="checkbox"/> EN 55020 | Immunity from radio interference of broadcast receivers and associated equipment | <input type="checkbox"/> EN 50082-2 | Generic immunity standard Part 2:
Industrial environment |
| <input checked="" type="checkbox"/> EN 55022 | Limits and methods of measurement of radio disturbance characteristics of information technology equipment | <input type="checkbox"/> EN 55104 | Immunity requirements for household appliances tools and similar apparatus |
| <input type="checkbox"/> DIN VDE 0855
<input type="checkbox"/> part 10
<input type="checkbox"/> part 12 | Cabled distribution systems; Equipment for receiving and/or distribution from sound and television signals | <input type="checkbox"/> EN 50091- 2 | EMC requirements for uninterruptible power systems (UPS) |

CE marking



(EC conformity marking)

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD 73/23 EEC

- | | | | |
|-----------------------------------|---|-------------------------------------|---|
| <input type="checkbox"/> EN 60065 | Safety requirements for mains operated electronic and related apparatus for household and similar general use | <input type="checkbox"/> EN 60950 | Safety for information technology equipment including electrical business equipment |
| <input type="checkbox"/> EN 60335 | Safety of household and similar electrical appliances | <input type="checkbox"/> EN 50091-1 | General and Safety requirements for uninterruptible power systems (UPS) |

Manufacturer/Importer

Signature : _____

Date :

Name : _____

(Stamp)

Tested by **GesTek** EMC Lab.
FCC / VCCI / NEMKO / DNV approved

Ref. No. 993002E
Date: March 17, 1999

Signature : 
Name : Terry Chung / Manager