

Automatic shutdown of the instrument in measuring can be disabled by moving the jumper in the battery compartment. In order to ensure the accuracy of the instrument over time, it is advised by the calibration trimmer multi-turn "CAL" in the probe, after connecting the microphone to the calibrator HD 9102.

TECHNICAL SPECIFICATIONS

- Measuring range: 30 dB (A)...130 dB (A)
- Frequency response: weighted A
- Time constants: S = slow (1 s) and F = Fast (125 ms)
- Resolution: 0.1 dB - Precision: class 2
- Display: 12 mm LCD with indication of operating mode and low battery
- Power supply: 9 V batteries
- Autonomy: (continuous duty) 15 hours with zinc-carbon battery, 30 hours with alkaline battery
- Working temperature: -5...+50°C
- Storage temperature: -20...+70°C
- Dimensions instrument: 80 x 160 x 40 mm
- Weight: 350 gr.



HD 8701 SOUND LEVEL METER

The sound level meter **HD 8701** is a portable instrument, easy and quick to use, suitable for measuring industrial and civil noise levels.

The noise levels can be read easily in dB (A) on the large liquid crystal display which also shows all the information concerning the mode of operation of the instrument. One second after switching on and with a resolution of 0.1 dB, the digital reading gives the continuously updated value of the RMS sound pressure level, with a type A frequency weighting. The single range from 30 to 130 dB further simplifies the use of the instrument, as the user does not have to change scale. With the keyboard the following operations are possible:

- selecting the response time constant S/F
- displaying the maximum value recorded "MAX" and zeroing it "RESET MAX"
- freezing the indication on the display "HOLD".

DIRECTIONS OF USE

When pressing ON/OFF key the instrument switches on; by pressing it again, the instrument switches off.

S/F key allows to select selecting the time constant: Slow (1 second) - Fast (125 milliseconds) are displayed with "S" or "F". HOLD key allows holding the indication on display. By pressing HOLD again, you go back to the normal operation (continuous updating of reading). The frozen state is indicated on the display with "HOLD".

By hold the MAX key, you display the maximum value considered (for periods not exceeding one minute) automatically by the instrument, by the switching on or since pressing the RESET MAX. The display also indicates if the battery is low. The instrument switches off automatically if it is in the measure, after about 3 minutes from ignition. In MAX and HOLD disables automatic shutdown of the instrument.

