

## CEL-6760 Mini Environmental Enclosure

### Introduction

The CEL-6760/K1 & CEL-360 is a low cost solution for the collection of boundary noise levels for simple surveys or for checking compliance with local ordinances.

A versatile data logging system can be easily configured using the enormous memory capacity of the CEL-360 instrument that will run for up to week of unattended recording.

### Operation

The CEL-6760 Mini Environmental Enclosure has been designed to enable the CEL-360 Logging Noise Meter to be used for extended measurements out of doors. It provides a safe housing for the Noise Meter and contains a rechargeable battery pack that will power the meter for seven days.

Run information can be stored in up to 50 separate memories and includes both overall results and a series of time history profiles. Up to 10 time history profiles can be selected with the Windows™ software included with the CEL-360 Meter.

The instrument can be pre-configured in the PC and the set-up file transferred to the instrument prior to measurements. At the end of the run the results can be downloaded to the PC where the profiles become available for inspection, graphing and recalculation for any significant period.



### Key features

- Measure for up to a week.
- Easy to configure measurement settings from PC.
- Logs up to 10 parameters at regular intervals.
- Period intervals from 1 sec to 1 hour.
- Over 200,000 data points stored.
- 55 hours of 1 second results,
- 23 days of 10 second results.
- 50 Separate run memories.
- Ideal for low cost simple noise surveys.
- Fully self-contained with rechargeable battery pack, (charger, battery and spare battery).
- Graphical software for post processing of downloaded results.



example of data logged results from CEL-360

### TECHNICAL SPECIFICATIONS (Based on CEL-360 Logging Noise Meter)

Measurement ranges	30-100, 50-120, 70-140 dB	Interval times	1, 5, 10, 15, 20, 30 s,
Frequency weightings	A or C		1, 5, 10, 15, 20, 30, 60 m
Time weightings	S, F or I	Separate measurement runs	50
Amplitude weightings	Q = 3, 4, 5 or 6	Profile points stored	>220,000 data points
Measurement parameters	$L_{eq}, L_{av}, L_{mn}, L_{mx}, L_{pk}, L_N\% \times 5$	Cabinet size	10" H x 8" W x 6" D
Number of stored profiles	User selectable up to 10	Weight	6.2 lb (case, battery, meter)

### SYSTEM ORDERING INFORMATION

CEL-6760/K1	Mini Environmental Enclosure Kit (includes: 12V 3.2 Ahr rechargeable battery, AC charger unit (110 V AC to 12 V DC), charger cable, mast and fittings)
CEL-360	Logging Noise Dosimeter (includes standard accessories, cable and download software)
CEL-4672	Foam windshield for 1/4" microphone
CEL-282	Class 2 Acoustic calibrator