



Environmental Noise System



Protection from the elements

Features

- Self contained with rechargeable battery
- Internal power for 10 days
- Protection from wind and rain
- Quality materials and robust construction
- Use with 63x Series Sound Level Meter
- Broadband or comprehensive frequency analysis meters available
- Time history data logged to instrument

Overview

Casella's environmental system is designed to give protection from the elements for medium term unattended monitoring. Whether simple or in-depth measurements are required, an appropriate meter from the 63x Series can be selected for the application.

The stand alone system has an internal battery lasting 10 days on a full charge. The microphone is covered by an acoustically transparent rain shield that also prevents noise measurements being effected by noise from to wind up to 5m/s.

The environmental enclosure is small and unobtrusive allowing the kit to be easily carried and deployed in the desired location.

The Environmental Kit

The CEL-6847 case encloses the sound level meter, battery and power management system. A microphone extension cable (up to 30m long) connects the kit case to the microphone enclosure (CEL-6737), which can be tripod mounted.



The microphone extension cable, enclosure and mounting tripod must be ordered separately. See ordering information below

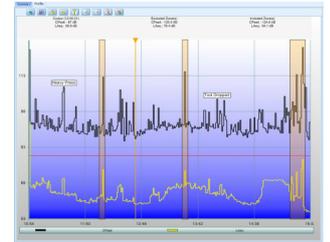
The 63x Series Sound Level Meter

A 140 dB measurement range comes as standard, making it ideal for long term measurements. It can be purchased as a broadband, octave or 1/3 octave unit and with a Class 1 or Class 2 microphone, depending on your requirements. The unit logs noise parameters for environmental monitoring at selectable time intervals. The 63x Series is easy to use with the ability to store and recall data. The unit is capable of storing more than 1 years worth of data before reaching memory capacity.



CASELLA

INSIGHT



Insight Data Management Software

Data can be downloaded on site to give comprehensive graphing and analysis of stored data. Reports can be easily generated or data moved to other applications. Casella Insight uses a tree system to allow data to be dragged and dropped to

Ordering Information

Part Number:

CEL-6847	Weatherproof kit case for standard items
CEL-6737	Outdoor wind and rain protection system for mic/preamp
038096	Heavy duty tripod and carrying case
C6717/X	Waterproof microphone extension cable (X=length in meters: 5, 10, 20 or 30m)
B155	20Ah rechargeable battery pack (10 day battery life)
CEL-16029	Recharger (240v) for battery pack
CF42	Recharger (110v) for battery pack
C6645	Recharging cable for B155
CA105	Padlock

Kit Case Specification

Case overall dimensions:
410 x 340 x 205 mm (16.2 x 13.4 x 8.1 in)

Weight: 3.6 kg (8 lbs) without battery
10 kg (22 lbs) with battery

Notes: Additional to the above items, the appropriate 63x Series Sound Level Meter and acoustic calibrator need to be purchased, together with Casella Insight Data Management Software.

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SM11001 v5.0