

CEL-6627 Environmental kit case for the CEL-500 series analyzers

Introduction

The CEL-6627 case is specifically designed to house one of the real time analyzers in the CEL-500 series.

Typically this will be either the CEL-573 or the CEL-593 analyzer both of which have extensive long term noise measurement capabilities for medium to long term data logging.



Operation

The environmental kit case is an adapted version of a popular case that is both strong and waterproof. Strong clips are provided on all three opening sides to close the case and a waterproof seal acts as a gasket to keep out rain and moisture.

The case has space inside for a large power pack in the form of a rechargeable battery of up to 30 Ahr capacity. This can power the analyzer for up to 5 days of continuous noise monitoring. A padlock can be fitted to secure the case in the field.

There is space for the matching CEL-284 acoustic calibrator and an audio tape recorder if required. Commercially available DAT tape recorders will operate in conjunction with the CEL-593 Event recognition system to measure noise levels above a chosen threshold value.

Ordering information

The CEL-6627 case is provided as standard with a 25 way waterproof socket for the microphone extension cable that must be ordered separately.

A waterproof 2.1 mm power socket is provided where larger external 12 V dc power sources such as car batteries are to be used.

The inside of the case has a protective foam lining that has cutouts to accept the analyzer, calibrator, tape recorder and a single rechargeable battery pack.

Recommended accessories

CEL-6627	Waterproof environmental kit case with foam cutouts for accessories
CEL-594	Outdoor microphone protection system for CEL-500 series preamps and mics.
C6610/05	15 ft (5m) microphone extension cable with waterproof connector for case
C6610/10	30 ft (10m) microphone extension cable with waterproof connector for case
CEL-16030	30 Ahr rechargeable battery pack for up to 5 days operation
CEL-16029	Recharger unit to periodically recharge the CEL-16030 battery pack
C6710/2	6 ft (2m) cable from battery pack to CEL-500 series analyzer with eyelets/bolts
C6755/2	6 ft (2m) cable from external 12V dc car battery to power socket on case with croc clips