

CEL-6737 Outdoor wind and rain protection system

Introduction

The CEL-6737 Outdoor microphone protection system can be used with the CEL-495 preamplifiers and CEL-251 or 252 microphones fitted to the CEL-630 and 490 sound level meters. It enables them to be used outdoors for medium to long term noise monitoring and offers protection against the effects of wind and rain.

Direct rainfall is prevented from falling on the top of the microphone capsule by positioning it underneath an acoustically transparent rain shield

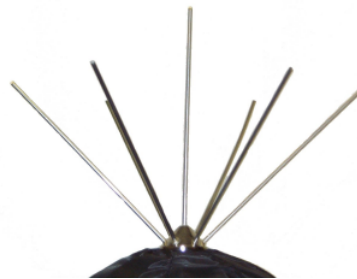
Related accessories

The CEL-6737 is normally used with the C6717/X microphone extension cables that connect the remote microphone to the CEL-6847 or 6723 waterproof kit cases. A waterproof locking LEMO connector is used on the case end of this cable and a standard LEMO connector on the end fitted to the preamplifier that locates inside the enclosure. When direct connection is required between the meter and preamplifier without using a standard CEL kit case then the C6716/X cable should be used instead.



Key Benefits

- ❑ Medium to long term protection of the microphone and preamplifier
- ❑ Open design prevents the system from becoming waterlogged
- ❑ Windshield easily removable to allow the microphone to be calibrated
- ❑ User replaceable windsock
- ❑ User replaceable bird spike assembly
- ❑ Can be supported horizontally or vertically by standard ¼" Whitworth thread
- ❑ Nickel plated brass for main assembly
- ❑ Stainless steel bird spikes and tripod bracket



CEL-6735 replacement bird spike assembly



CEL-6736 replacement wind sock and fixing strap

Technical Specification

The CEL-6737 system is designed specifically to minimize the ill effects of moisture on the measurement microphone of a CEL-630 series logging sound level meter. High quality materials are used throughout to ensure a long working life for the accessory when the CEL meter is used outdoors for extended measurement sessions. The windscreen material is almost impervious to rain water and yet is open enough to allow the noise through to the microphone. It does not become waterlogged due to the careful design and shape that allows the natural effect of the wind to keep the material dry. Dissolved acids in the air will eventually mean that the windscreen must be replaced to prolong the effective life of the system

Ordering Information

CEL-6737	Outdoor wind and rain protection system complete with standard accessories
CEL-6735	Replacement bird spike assembly
CEL-6736	Replacement windsock and fixing tyrap
C6717/X	Preamplifier extension cable for use with outdoor kit cases (where X = length in m)
C6716/X	Preamplifier extension cable for use directly from sound level meter (where X = length in m)