

CEL-400 & 300 Series Noise Dosimeters - The “small print”

Introduction

These quality CEL instruments have been carefully designed with a number of specific features to ensure a long and reliable working lifetime of operations for you. These features been engineered to provide a high level of safety and security when used correctly. Please make a note of the following instructions to assist you in getting the best out of your CEL noise dosimeter and convertible sound level meter.

If you have any questions about the correct use of your CEL noise meter please call us on (800) 366-2966 Monday to Friday 8:30 to 5:00 ET, or call (877) 299-2966 Monday to Friday 8:30 to 5:00 PT.



Locking the battery cover.

Current versions of the CEL-320/360/420/460 series include the ability to “lock” the battery compartment cover to prevent tampering. This mechanism consists of a small screw that rises into the hole in the cover using the enclosed 1.5mm small Allen wrench. Turn the screw counter-clockwise to lock it and clockwise to unlock it. Do not use excessive force to lock or unlock the screw. It is not designed to be removed from the instrument by unscrewing. Do not turn the screw too far clockwise otherwise it may drop into the battery compartment and be lost. Contact the Casella CEL Service Center at Service@CasellaUSA.com for replacement Allen wrench and screw if lost.



Fitting and Removing the microphone.

A locking connector is used to attach the microphone assembly to this instrument. To fit the microphone gently offer the plug into the socket and turn until the pins line up with the holes then push it firmly in until it clicks into place. At this point the red spot on the plug will be facing the front of the instrument. To remove the connector, grip the sleeve of the plug and pull back slightly to unlock and release it from the meter body. Do not try to unscrew the plug sleeve or severe damage will occur to the wires in the plug. This is not covered by the normal warranty.



Accidentally removing the microphone.

If the microphone assembly is accidentally removed from the instrument during a measurement the recording will stop and can only be restarted by switching the meter off and then on again. Data will be saved up to the last fully completed minute of the measurement but up to the last 59 seconds worth of the recording will be lost. This will also occur if either the CEL-425 stick microphone assembly is deliberately unplugged or if the cable on the CEL-6681 remote microphone assembly is cut or damaged so that the noise meter is prevented from receiving the microphone signal securely.

