

Usage Precautions for the Windscreen

Thank you for selecting the Rain-protection Windscreen WS-16. In order to obtain the best performance from this product, please read and observe the points below.

• Features

This product is a rain-protection windscreen designed for use with sound level meters of the NL-42/52/62 series. It will protect the microphone from rain for a limited time. **The maximum protection period is two hours, in precipitation of no more than 5 mm per hour, and under no-wind conditions.**

The NL-42/52/62 series sound level meters incorporate a windscreen correction function for acoustic compensation of the effect that the windscreen has upon measurement.

For details about sound level meter settings, please refer to the documentation of the NL-42/52/62 series product.

• Compatible sound level meters

NL-42/52/62

• Rainproofing effect

The resin composition of the spherical outer part and the yellow inner part of the windscreen changes over time through absorption of moisture in the air, resulting in a decreased rainproofing effect. In order to maintain rain protection for the sound level meter, it is **necessary to replace the WS-16 unit (outer and inner) about once every year (at cost)**. The WS-16 is only designed to provide temporary protection from sudden rainfall. For prolonged outdoor use and in situations where the sound level meter cannot be easily retrieved in wet weather, the separately available Windscreen for outdoor WS-15 should be used.

• Mounting method and usage precautions

Insert the yellow inner part into the spherical outer part, and then insert the microphone all the way into the inner part.

When performing a measurement, **do not tilt the sound level meter by 60 degrees or more** (taking the vertical direction as 0 degrees). Otherwise rainwater may seep into the lower section of the windscreen along the preamplifier.

If the windscreen has become wet during a measurement, **remove it carefully after the measurement without squeezing** it with your hand. Otherwise collected rainwater may seep into the microphone, causing damage. **After removal, air dry the WS-16 without squeezing it.**

