

Outdoor Measurement Microphones



Outdoor Measurement Microphone WP30-90
with ASD Cable and Stand

The Outdoor Measurement Microphones offer a weather-protected measurement solution for our Sound Level Meters allowing acquisition of environmental noise data in outdoor applications. The corrosion-free polymer housing, wind screen, water-repellent membrane and bird spike provide excellent protection from rain, wind, dust and perching birds.

The Outdoor Measurement Microphones M2230-WP and M2340-WP fulfill the Class 1 requirements according to IEC 61672 and ANSI S1.4 for horizontal and vertical sound incidence. For compliance with horizontal sound incidence a spectral correction is employed in the associated Sound Level Meter. The Outdoor Measurement Microphone M4261-WP fulfills the Class 2 requirements accordingly.

The outdoor microphones consist of a measurement microphone and one of three weather protection possibilities:

- WP30-90: #600 040 060
- WP30-150: #600 040 090
- WP61: #600 040 080

Features

- Class 1 and Class 2 Outdoor Measurement Microphones for vertical and horizontal sound incidence according IEC 61672 and ANSI S1.4
- Excellent protection from rain and dust (IP54), wind and perching birds
- Built from corrosion-free materials
- Removable top section for easy microphone calibration
- Standard tripod mount, optional pole mount

EFFECTIVE OUTDOOR PROTECTION

The 90 mm or 150 mm wind screen protects the measurement microphone from rain and dust while reducing wind-induced noise. The seamless design of the water-repellent membrane under the wind screen ensures perfect protection from rain and dust.

SYSTEM SELF-TEST

The Outdoor Measurement Microphone M2340-WP is system self-test (CIC) enabled. Automated self-tests may be performed by NoiseScout, the unattended noise monitoring solution, in combination with one of our Sound Level Meters. This ensures reliable operation and precise measurements.

ROBUST DESIGN / EASY CALIBRATION

The upper section of the weather protection is snap-on mounted and can thus be easily removed by hand for manual calibration of the measurement microphone.

TECHNICAL SPECIFICATIONS

Modell	M2230/2340-WP-90	M2230/2340-WP-150	M4261-WP
Microphone type	Omni-directional, free-field		
Classification IEC 61672, ANSI S1.4	Class 1	Class 1	Class 2
Dynamic range	16dB(A) - 139dB / 17dB(A) - 138dB	16dB(A) - 139dB / 17dB(A) - 138dB	27dB(A) - 146dB
Frequency range	5 Hz - 20 kHz		
Supply	Phantom power 48 VDC with XLR connector		
Dimensions	379 mm x 36 mm (14.9" x 1.4"), 3/8" tripod mount	411 mm x 36 mm (16.2 x 1.4"), 3/8" tripod mount	379 mm x 36 mm (14.9" x 1.4"), 3/8" tripod mount
Windscreen diameter	90 mm (3.5")	150 mm (5.9")	90 mm (3.5")
Weight	430 g (15.2 oz.)		413 g (14.6 oz.)
Environmental	IP54 in vertical position, protection against rain, all directions		
Order Information NTi Audio #	600 040 050 / 230 + 600 040 060	600 040 050 / 230 + 600 040 090	600 040 070 + 600 040 080
Optional Accessory	- Pole Mount Adapter PM 1" (for pole diameter 25 - 33 mm, 1-1.3") # 600 040 067 - Pole Mount Adapter PM 1 1/4" (for pole diameter 32 - 44 mm, 1.25-1.75") # 600 040 068		

All information is subject to change without notice.

M2230, M2230-WP, M2340-WP, WP30-90, WP30-150, M4261 M4261-WP, WP61 are trademarks of NTi Audio.



WP30-150



Outdoor Microphone
with Pole Mount
Adapter and pole
(cable inside the pole)