



OUTDOOR NOISE MONITORING

LISTENER POWERED BY DUTCH SENSOR SYSTEMS SPECIFICATION

Gain valuable insights, assess noise pollution
and boost safety & comfort

Object:

Sustainer Listener, powered by Dutch Sensor Systems

Purpose:

Outdoor Noise Monitoring instrument

Specs:

Accuracy & Sensitivity

Measurement accuracy up to IEC 61672-1:2014 class 1. Sensitivity 12,6 mV/Pa (-38dB re 1V/Pa). Linear dynamic range of 33-133 dB(A) according to class 1 tolerances. 1/4 inch diameter free field MEMS microphone (detachable for use of extension mounts and cables).

Rating

Outdoor Use IP67

Ranges and Environmental conditions

Frequency range 20 Hz - 20 kHz @48kHz sample rate and 24bit dynamic range

Operating temperature: -10 to +50 degrees Celcius

Storage temperature: -20 to +60 degrees Celcius

Humidity: Up to 95% RH non-condensing

Power supply: Integrated solar panel.

Wireless Communication

LoRaWAN EU868, US915, AU923 and others depending on regional model.

Dimensions

Sustainer Anne luminaire dimensions

Microphone: 90 x 420 mm (Diameter x H)

Measurement quantities

LAFast, LASlow, LAeq, LAFmin, LAFmax

LCFast, LCSlow, LCeq, LCFmin, LCFmax

Available through wired connection (Connect App via USB OTA with Google Chrome browser):

LZFast, LZSlow, LZeq, LZFmin, LZFmax, LCpeak, LCpeak_min, LCpeak_max, LZpeak,

LZpeak_min, LZpeak_max, LASlow_min, LASlow_max, LAeq_min, LAeq_max, LCSlow_min,

LCSlow_max, LCeq_min, LCeq_max, LZSlow_min, LZSlow_max, LZeq_min, LZeq_max

more info and orders please contact info@sustainer.com