



MODEL EPS2116

## OUTDOOR MICROPHONE PROTECTION

- Microphone Protection in Any Weather
- Use with Any ½ Inch Microphone and Preamplifier
- Built in Water-Repellent Barrier
- Flexible Mounting Options
- IEC 61672 Class 1 Compliant

### TYPICAL APPLICATIONS

- Outdoor Noise Monitoring
- Construction Noise
- Mining Noise
- Aircraft Noise
- Environmental Impact Studies
- Industrial Noise Monitoring
- Night Clubs and Concerts

## FOR COMMUNITY, CONSTRUCTION, MINING, AIRCRAFT OR OTHER OUTDOOR NOISE MONITORING

When making outdoor noise measurements, sensitive microphones and equipment can be exposed to all types of weather including rain, dew, wind and heat. Protect your microphones from potentially adverse environment conditions that can lead to incorrect measurement by using the EPS2116.

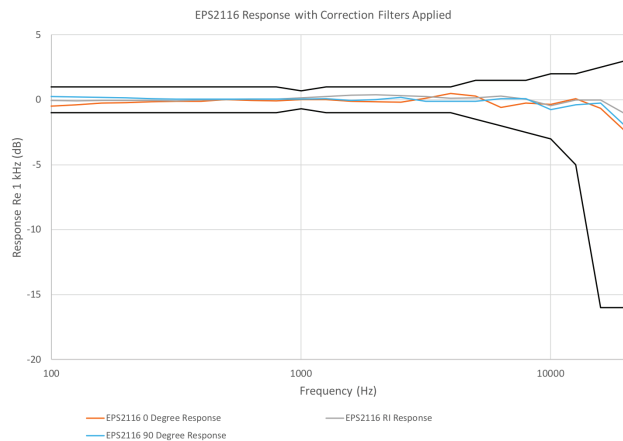
The EPS2116 is designed to work with almost any combination of ½ inch precision microphone and preamplifier and provides for easy acoustic calibration to make sure your measurements are accurate. Because the EPS2116 is designed with an integral rain shield it will keep your microphone dry even in a driving rain.

Combine the EPS2116 with the Larson Davis PRM2103-FF outdoor microphone and Model 831 sound level meter to produce an ideal outdoor noise measuring system that will work in a wide variety of climates, without the need for desiccants and with minimal routine maintenance. When combined with the PRM2103-FF the integrated heater eliminates the need for desiccants and the remote calibration check minimizes routine maintenance.

## SPECIFICATIONS

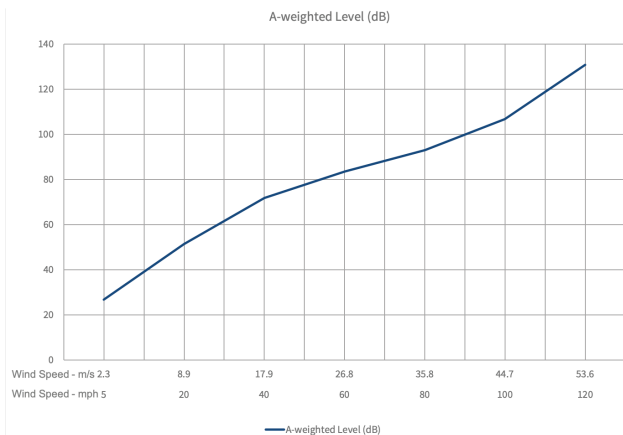
### Acoustical Frequency Response (typical)

Data shown includes effects of Model 831C EPS2116 correction filters



### Environmental Specifications

Operating Temperature	- 40 °F to 158 °F (- 40 °C to 70 °C)
Operating Humidity	0 to 100% relative humidity
Wind	Wind induced noise



## SPECIFICATIONS (Continued)

### Physical

Diameter	1.6 in (41 mm) – Body 3.0 in (76 mm) - Windscreen
Height	15.8 in (40 cm) 16.8 in (43 cm) with ¼ - 20 adapter
Venting	Bottom of preamplifier by connector
Mounting	¾ in NPT (Pipe Thread R ¾) ¼ - 20 camera thread using included adapter 1.5 in (38 mm) speaker stand using included adapter
Weight	0.71 lb. (332 g)
Materials	UV resistant
Desiccants	Optional – tubular type

### Compliance

IEC 61672-1 (2002) Class 1 and ANSI S1.40-1984\*

IEC 61010-1 (2001) Safety

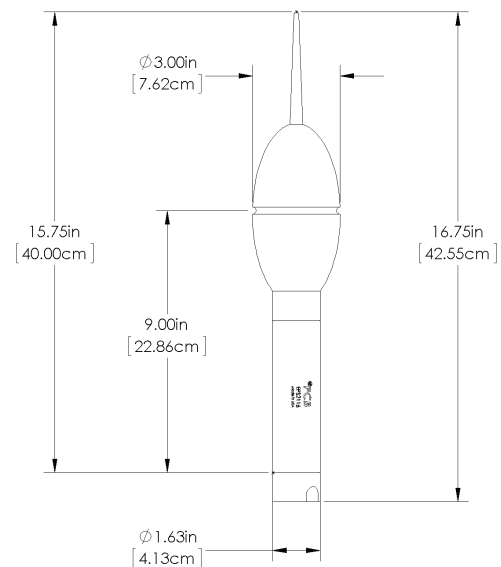
ROHS & CE

### Supported Preamplifiers (Typical)

PRM2103	Outdoor Preamplifier for Model 831
PRM831	Standard Model 831 preamplifier
PRMLXT1 & 1L	Standard SoundTrack LxT1 preamplifier
PRMLXT2C & 2L	Standard SoundTrack LxT2 preamplifier

### Ordering Information

EPS2116	Environmental Protection System for ½ inch microphones and preamplifiers
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**Model EPS2116 Dimensions**



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