Smart Pi SPL

Sound Pressure Level Metering & Logging

Professional Sound Pressure Level Metering & Logging (Smart Pi SPL) with dual inputs.

The Smart Pi SPL has both web and HDMI interfaces and includes all requirements for government mandated metering including configurable display values and logging.

The system is compatible with any Class 2 microphone and allows for a measurement chain according to IEC 61672-1. An optional MEMS microphone is also available.

The system is easy to calibrate and generates calibration certificates via the web interface.

Logging files can be exported in a variety of formats and the system can be optionally configured for remote access.

Features

2 x Class 2 Preamps (standard delivery with MicW i436 Class 2 certified)
Web Interface for both configuration and Display with up to 20 users
HDMI interface for Display
USB Powered
Easy to update
Ethernet and WiFi Connectivity

Configurable Interfaces can include:

- dB(A) (L aeq,1sec)
- dB(A) Laeq, 15 mins, floating
- dB C Ceq15 min, floating
- Last calibration date
- Other display requirements can be configured

Logging

- Download Logs via web interface
- Remote logging options available
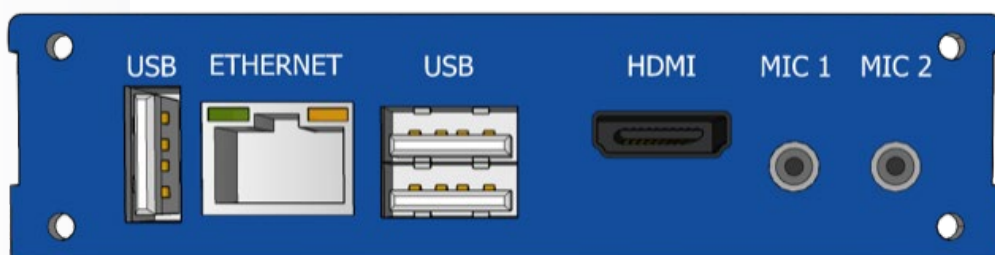- Auto erase function, number of days can be configured

There is no PC required to run the unit

Calibration via web browser*

*Requires optional calibration unit such as: BWSA Tech CA114/115
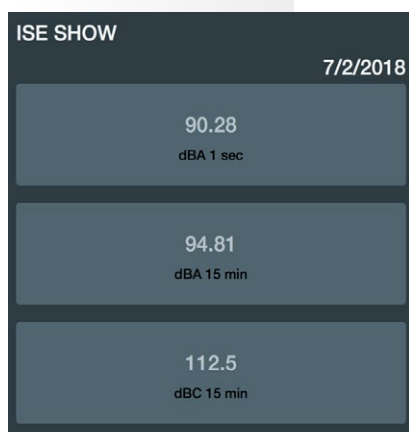
Smart p1 SPL

Front

MIC 1 - 3.5mm socket
MIC 2 - 3.5mm socket

Rear

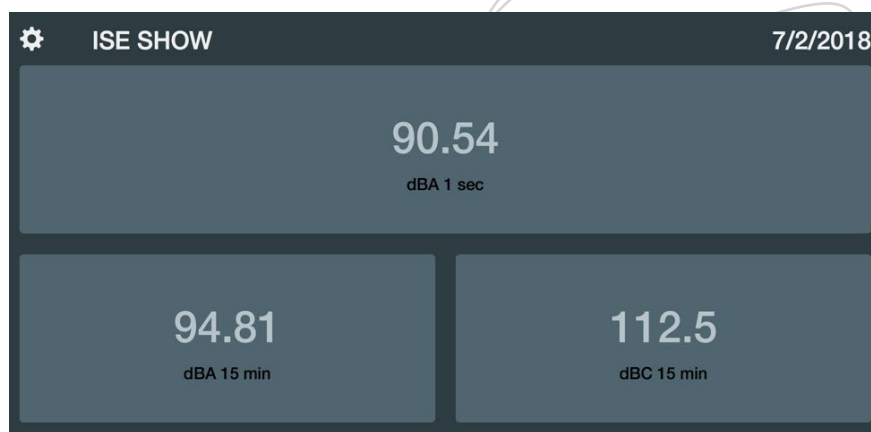MEMS Mic 2.5mm socket
Micro USB - Power
WiFi Antenna socket

Screen Display View

Mobile / Vertical

ISE SHOW
7/2/2018

90.28
dBA 1 sec

94.81
dBA 15 min

112.5
dBC 15 min

PC / Landscape

ISE SHOW
7/2/2018

90.54
dBA 1 sec

94.81
dBA 15 min

112.5
dBC 15 min

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