

Studio Six Digital Shows dBPod Sound Level Meter

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Studio Six Digital presents the dBPod smart sound level meter at InfoComm 2019-- a means for easy sound level management allowing customers to gather data onsite or remotely.



The dBPod features coloured LED lights providing a clear visual status in real-time, together with a companion app for more in depth data. To do so it uses a MEMS wideband omnidirectional microphone coupled with an audio interface, a microprocessor, flash memory, a lithium ion battery and an audio jack to create a powerful measurement tool.

It can be used as an installed device, hardwired for power, connected to wifi and mounted to any surface. There are no controls that need to be accessed on the dBPod, just the LED lights indicating status-- below threshold (green), nearing threshold (yellow) and exceeding threshold (red). The dBPod is also usable portably, placed anywhere for precise on-location analysis.

The onboard battery enables 2 hours of remote wireless operation. The dBPod app enables users to monitor SPL and frequency spectrum locally from iOS and Android devices over wifi. They can also set threshold SPL level to suit each case, ensuring accurate noise level data for secure storage and access from the cloud. An onboard Bosch accelerometer allows for 3-axis vibration analysis, and the device meets ISO Class 2 SLM standards for all audio and filter parameters.

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