



DATEQ SPL-D2 Manual

Introduction



The SPL5-D2 unit is a sound pressure meter that can be connected to the SPL5.

The device can also be used as a separate sound pressure meter.

The device consists of a large LED display on which the current sound pressure can be read.

The LED bar is used as a Vu meter. Some

settings can be adjusted using the supplied PC software.

Product Support

For questions about the SPL limiter series, accessories and other products, please contact:

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Service

Display linked to the SPL5

When the device is connected to the SPL5, the values measured by the microphone will be automatically retrieved from the SPL and displayed on the large display.

When the sound pressure exceeds the pre-set value, the large LED digits will light up red.

Connecting to the

SPL5 The display is connected to the SPL5 via the jack connector. For example, use a microphone cable. Connect the shield to the ground of the jack connector. The signal wire must be connected to the tip of the jack.

On the SPL5 side, the signal core is connected to pin 8 of the DB-25 connector and the shield to pin 14.

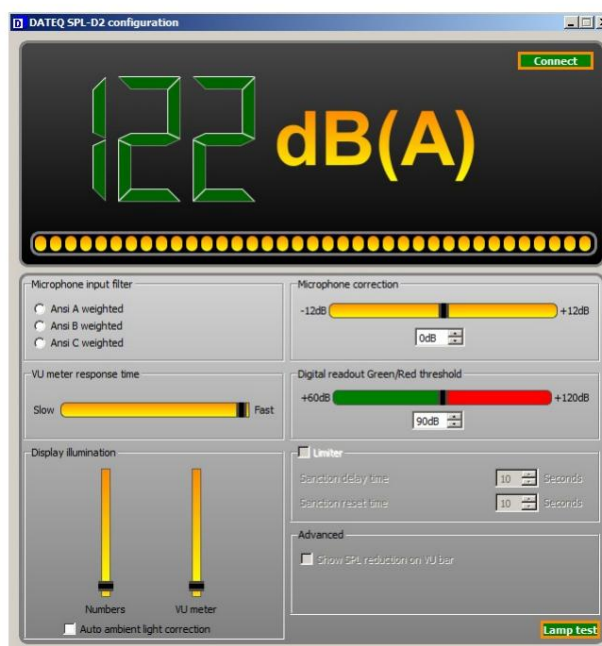
Display as stand-alone device

The display can also be used without the SPL5. For this, the measurement microphone must be connected. The measured values will appear on the display.

The sound pressure can be set using the software, after which the LEDs must light up red (microphone threshold). This can serve as a warning to the live band or disc jockey.

Three measurement curves can be selected:

- ANSI-A
- ANSI B
- ANSI-C



It is also possible to correct the measured values on the calibrated meter. The microphone can be calibrated using the slider below the threshold value. Moving the bar to the left will make the microphone less sensitive. Moving the slider to the right will increase the sensitivity.

General settings The

display can automatically adjust the brightness to the brightness of the environment. In a dark environment, the intensity of the display will decrease. This feature can be enabled by enabling 'display dim'.

The intensity of the numbers and letters can be adjusted as well as the response of the Vu meters.





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Technical specifications

Inputs

Mic (measurement microphone)	XLR-3 female. Can only be used with the supplied microphone
Jack	6.3mm Jack connection to the SPL-5
USB	Use the supplied connection cable to connect to the computer
Standardization	Measurement chain built to operate according to IEC-61672-1 class 2 specifications

General

Power supply	
Supply voltage	24 VDC
Absorbed power	9 w

Dimensions and weight

Front	255mm x 125mm x 47mm (wxhxd)
Weight	1 kg

