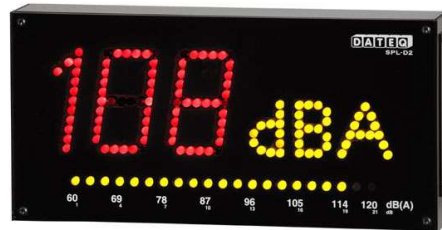




Spl-D2 Next generation

DATEQ SPL-D2 Manual



Introduction

The SPL-D2 unit is a separate sound-level meter. Besides it can be linked to the SPL5 limiter. The unit is a large LED display, showing the actual sound-pressure level.

By means of the PC software it is possible to change the settings.

Product support

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

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Display connected to the SPL5

When the display is linked to the SPL5 the microphone values will be downloaded from the SPL5 automatically. Those values will be showed in the large display. The LED-bar functions as a VU-meter, the display gives the actual SPL.

As soon as the sound-level exceeds the pre-set threshold the LED's will light up red.

Connecting to the SPL5

The display unit is connected to the SPL with the jack connector. A standard microphone cable can be used. Connect the shield to the jacks' ground pin and the signal wires to the tip. At the SPL5 the shielding can be connected to pin 14, and the signal wire to pin 8 of the DB-25 connector.

Using the display stand-alone

To use the display as a stand-alone device the microphone has to be connected. The audio-level will be showed in the large LED display.

By means of the PC-software the threshold can be adjusted. When the audio-level exceeds this level the LED's will become red. This can be used as a warning for the live-band, or the disk-jockey.

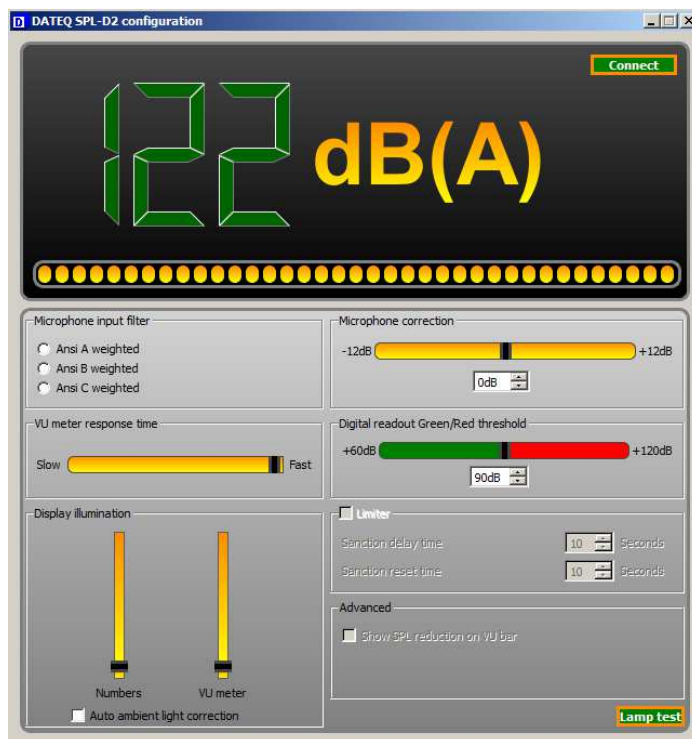
The display units hold three correction-curves:

- ANSI-A
- ANSI-B
- ANSI-C

The measured values can be adjusted to match a calibrated meter. By moving the slider to the right the microphone becomes more sensitive. Moving the slider to the left gives a higher level.

Common settings

The display can be dimmed automatically in a dark environment. This function can be enabled by selecting 'Auto ambient light correction'. The intensity of the 'numbers and the Vu meter can be adjusted with the sliders as can be the response time of the Vu meter.





Technical Specifications

DATEQ SPL-D2 Manual

Inputs

Mic (measuring microphone)	XLR- 3 female. To be used with the supplied measuring microphone only
Jack	6,3 mm Jack. Datalink to the SPL-5
USB	To connect the SPL-D2 to a computer
Norm	Measurement chain designed to function according specifications IEC-61672-1 class 2

Common

Supply

Input voltage	24 V dc
Power consumption	9 W

Dimensions and weight

Cabinet	255 mm x 125 mm x 47 mm (b x h x d)
Weight	1 Kg

