Safety instructions

1. All safety instructions, warnings and operating instructions must be read first.
2. All warnings on the equipment must be heeded.
3. The operating instructions must be followed.
4. Keep the operating instructions for future reference.
5. The equipment may never be used in the immediate vicinity of water; make sure that water and damp cannot get into the equipment.
6. The equipment may only be installed or fitted in accordance with the manufacturers recommendations.
7. The equipment must be installed or fitted such that good ventilation is not obstructed in any way.
8. The equipment may never be installed in the immediate vicinity of sources of heat, such as parts of heating units, boilers, and other equipment that generates heat (including amplifiers).
9. Connect the equipment to a power supply of the correct voltage, using only the cables recommended by the manufacturer, as specified in the operating instructions and/or shown on the connection side of the equipment.
10. The equipment may only be connected to a legally approved earthed mains power supply.
11. The power cable or power cord must be positioned such that it cannot be walked on in normal use, and objects that might damage the cable or cord cannot be placed on it or against it. Special attention must be paid to the point at which the cable is attached to the equipment and where the cable is connected to the power supply.
12. Ensure that foreign objects and liquids cannot get into the equipment.
13. The equipment must be cleaned using the method recommended by the manufacturer.
14. If the equipment is not being used for a prolonged period, the power cable or power cord should be disconnected from the power supply.
15. In all cases where there is a risk, following an incident, that the equipment could be unsafe, such as:
   - if the power cable or power cord has been damaged
   - if foreign objects or liquids (including water) have entered the equipment
   - if the equipment has suffered a fall or the casing has been damaged
   - if a change in the performance of the equipment is noticed
     Appropriately qualified technical staff must check it.
16. The user may not carry out any work on the equipment other than that specified in the operating instructions.
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. The LED-bar at the bottom can be configured as a VU-meter, or a reduction meter (when linked to the SPL5).

By means of the PC software it is possible to change some settings. More information about installing and using the SPL software can be found in the SPL5 manual. As soon as the connection to the display unit is made the 'Display' menu will become active.

Product support

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

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1351 JG Almere
The Netherlands

Telephone: +31 36 - 5472222
Fax: +31 36 - 5317776
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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 can become a VU-meter, or a reduction meter. When using the bar as a reduction meter the small digits underneath it indicate the amount of attenuation.

As soon as the sound-level exceeds the threshold the LED’s will light up red for some time. When a small audio peak exceeds the threshold the tekst ‘dBA’ will start blinking.

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 verified meter. By moving the slider to the right the microphone becomes less sensitive. Moving the slider to the right gives a higher level.

Common settings

The display can be dimmed automatically in a dark environment. This function can be enabled by selecting ‘display dimming’.

The intensity of the various elements can be adjusted with the boxes at the bottom of the window.
Technical specifications

Inputs
Mic (measuring microphone)............................XLR-3 female. To be used with the measuring microphone only.
SPL5.................................................................6.3mm Jack. Datalink to the SPL5.
RS232...............................................................RJ-45 connector. Use the supplied cable to make the connection to the computer.

Common

Supply
   Input voltage.............................................$24\text{V}_{\text{DC}}$
   Power.......................................................12W

Dimensions and weight
   Cabinet....................................................255mm x 125mm x 47mm(B x H x D)
   Weight.....................................................1 kg
GARANTIE BEPALINGEN: DATEQ garandeert dat dit produkt vrij is van defecten in materialen en/of contructie gedurende 12 maanden na aankoop. Indiengedurende deze periode het produkt defecten is, zal DATEQ de kosten van de reparatie van dit defect, behalve defecten veroorzaakt door verkeersongeval, gebruik of veroudering, of defecten veroorzaakt door enig misbruk of afzien in de handeling van de klant, of door het niet naleven van de voorzieningen in de gebruiksaanwijzing, of door onveroorzaakte schade veroorzaakt door veldexploitaties. De toewijzing van de kosten van reparatie van defecten veroorzaakt door enig misbruik of afzien in de handeling van de klant, of door het niet naleven van de voorzieningen in de gebruiksaanwijzing, of door onveroorzaakte schade veroorzaakt door veldexploitaties. De toewijzing van de kosten van reparatie van defecten veroorzaakt door enig misbruik of afzien in de handeling van de klant, of door het niet naleven van de voorzieningen in de gebruiksaanwijzing, of door onveroorzaakte schade veroorzaakt door veldexploitaties. De toewijzing van de kosten van reparatie van defecten veroorzaakt door enig misbruik of afzien in de handeling van de klant, of door het niet naleven van de voorzieningen in de gebruiksaanwijzing, of door onveroorzaakte schade veroorzaakt door veldexploitaties.

GARANTIE CONDITIONS: DATEQ guarantees this product to be free of defects in materials and workmanship at the time of its original purchase for the period of 12 months. If during this period of the possession of the product, the product is found to be defective, DATEQ will repair the defect, except for defects caused by accident, misuse, or improper handling, or defects caused by the use of the product in a manner not consistent with the specifications in the user manual, or defects caused by field operation. The allocation of the cost of repair of defects caused by misuse, improper handling, or defects caused by the use of the product in a manner not consistent with the specifications in the user manual, or defects caused by field operation. The allocation of the cost of repair of defects caused by misuse, improper handling, or defects caused by the use of the product in a manner not consistent with the specifications in the user manual, or defects caused by field operation. The allocation of the cost of repair of defects caused by misuse, improper handling, or defects caused by the use of the product in a manner not consistent with the specifications in the user manual, or defects caused by field operation. The allocation of the cost of repair of defects caused by misuse, improper handling, or defects caused by the use of the product in a manner not consistent with the specifications in the user manual, or defects caused by field operation.

GARANTIE BEDINGUNGEN: DATEQ gewährleistet für die Garantiezeit daß dieses Gerät ab dem Zeitpunkt des Ersterwerbs keine... Ursachen, insbesondere Blitzschlag, Wasser, Feuer, Störungen der öffentlichen Ordnung und unzureichende Belüftung.

CONDITIONS DE GARANTIE: DATEQ garantit que ce produit est exempt de défaut de matière et de fabrication existant lors de... exclusive à la foudre, l'inondation, l'incendie, les troubles publics, des piles qui ont coulé, une mauvaise ventilation.

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