

## 6 DATA AVAILABLE ON THE DISPLAY - DISPLAY

In order to open the **DISPLAY** list the user has to:

- press the **<Menu>** push-button,
- select from the main list, using the **<▲>**, **<▼>** (or **<◀>**, **<▶>**) push-buttons, the **DISPLAY** text (highlight it inversely),
- press the **<ENTER>** push-button.

Pressing the **<Shift>** and **<▲>** (or **<Shift>** and **<◀>**) results in a movement to the first position of the opened list and pressing the **<Shift>** and **<▼>** (or **<Shift>** and **<▶>**) results in a movement to the last position of the opened list.



Main list with **DISPLAY** text highlighted (displayed inversely)

The **DISPLAY** list is used for setting the various parameters, which are mainly dedicated for the control of the display. The following items are present on this list:

- |                      |   |
|----------------------|---|
| <b>DISPLAY MODES</b> | enables one to select the mode of the measurement results presentation;   |
| <b>DISPLAY SETUP</b> | enables one to change the scale in the graphical modes of result's presentation, to select the results presented as Total values, to choose the type of the presented spectrum for each channel separately; |
| <b>POWER SUPPLY</b>  | informs the user about the source of powering of the instrument and current power supply voltage;   |
| <b>SCREEN SETUP</b>  | enables one to set the contrast and to switch on/off the backlight timeout of the instrument's display and its brightness;  |
| <b>UNIT LABEL</b>    | informs the user about the serial number of the instrument, the version of the internal software and the standards to which conform the measurement results.  |

In each available position any change is performed by means of the **<◀>**, **<▶>** push-buttons. In order to confirm the selection the **<ENTER>** push-button has to be pressed. After this confirmation, the opened window or list is closed. In order to ignore any changes made in the opened window or list the user has to press the **<ESC>** push-button.



**DISPLAY** window

### 6.1 Selection of the modes of measurement results presentation - DISPLAY MODES

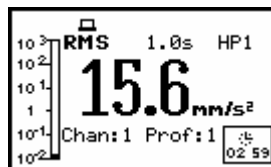
The **DISPLAY MODES** enables one to select the currently available modes of displaying the results of measurement. The selection is made by placing or replacing the special character in the inversely displayed position of the **DISPLAY MODES** by means of the **<◀>**, **<▶>** push-buttons. In order to confirm the selection the user has to press the **<ENTER>** push-button. The mode

of the displaying the results is related with the selection of the instrument's function (**Sound Level Meter (SLM)** or **Vibration Level Meter (VLM)**, **1/1 OCTAVE**, **1/3 OCTAVE** or **FFT analyser**). Only One Profile mode cannot be switched off in all modes of the instrument.

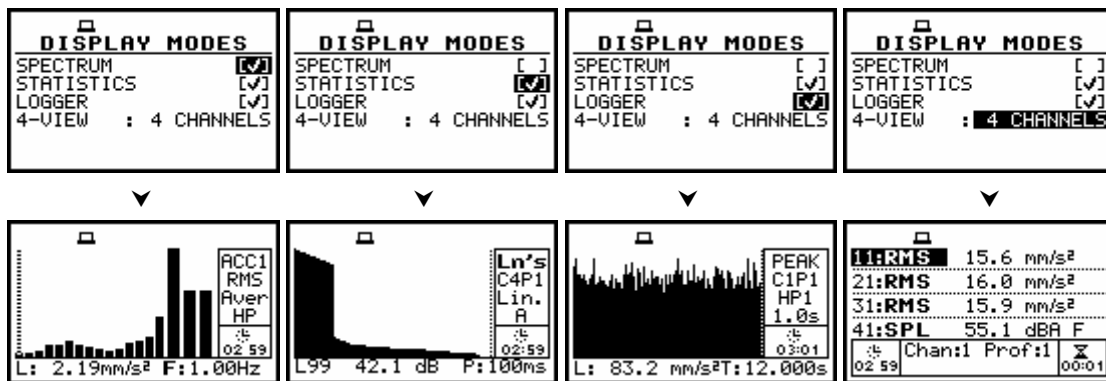
For the **SLM** or **VLM** the following possibilities of the measurement results presentation are available:

- **One Profile**,
- **STATISTICS** (in case of sound measurements),
- **LOGGER** (time-history),
- **4-VIEW** (four-channels view).

The **SPECTRUM** presentation mode is available additionally for the frequency analysis (**1/1 OCTAVE**, **1/3 OCTAVE**, **FFT**) of the measured signal (for **SLM** or **VLM** this position is not accessible).

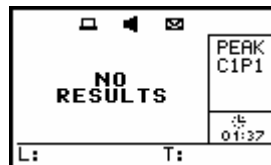


One-profile presentation mode



DISPLAY MODES widows and available presentation modes

The **LOGGER** mode of results presentation is available if, and only if, the data from at least one profile are logged in the logger's file. If the **LOGGER** position is switched on ([✓]) but there was nothing stored in the logger's file (in the selected profile there were **selected results (PEAK, MAX, MIN or RMS in the case of SM and PEAK, P-P, MAX, RMS or VDV in the case of VM)** but the instrument still **waits** for the logger results, i.e. the **LOGGER STEP** is long, the **NO RESULTS** text is displayed. When the **LOGGER** is selected as active and the **LOGGER** positions in all profiles are not selected, the **LOGGER** mode of results presentation is skipped.

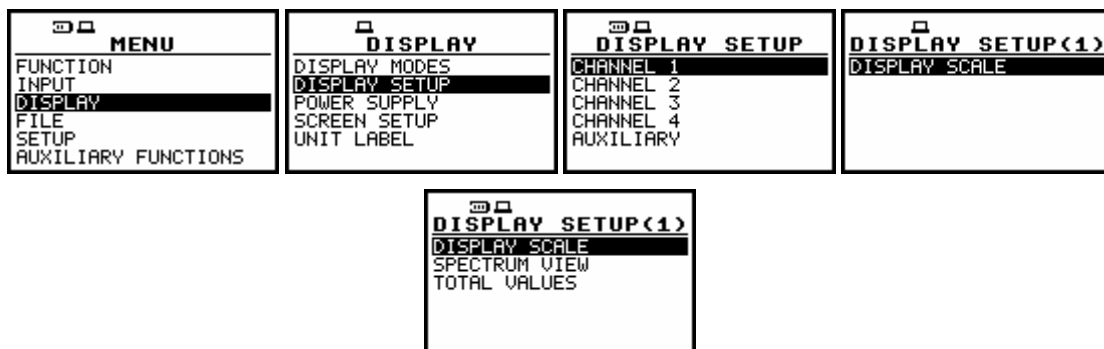


LOGGER mode when there is nothing in the logger to be displayed (after setting **LOGGER** as active)

Each position of the **DISPLAY MODES** window can be switched on or off independently. The window is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** or **<ENTER>** push-button (in the first case without taking into account any changes made in the **DISPLAY MODES** window and in the latter case - confirming all changes done in the window).

## 6.2 Selection of the parameters in graphical results presentations - DISPLAY SETUP

The **DISPLAY SETUP** (*path: MENU / DISPLAY / DISPLAY SETUP*) enables the user to change several parameters of the graphical results presentations **for each channel separately** as well as for the auxiliary functions. Namely, one can select, using the **DISPLAY SCALE**, the scale in the available modes of graphical presentation of the measurement results (time-history in the **LOGGER** and so-called spectra in the **SPECTRUM**). Using the **TOTAL VALUES** it is possible to select the weighting filters used in the calculation of the Total values. This window appears on the display only in the case of **1/1 OCTAVE** or **1/3 OCTAVE** analyser. Using the **SPECTRUM TYPE**, it is possible to select the type of the spectrum, which has to be presented during vibration measurements. This window appears on the display only in the case of the **VIBR. METER** mode selection. In order to enter the **DISPLAY SETUP** the user has to press the **<ENTER>** push-button on the inversely displayed **DISPLAY SETUP** text of the **DISPLAY** list. The **DISPLAY SETUP** is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** push-button, which ignores any changes in the window or the **<ENTER>** push-button, which confirms the changes.



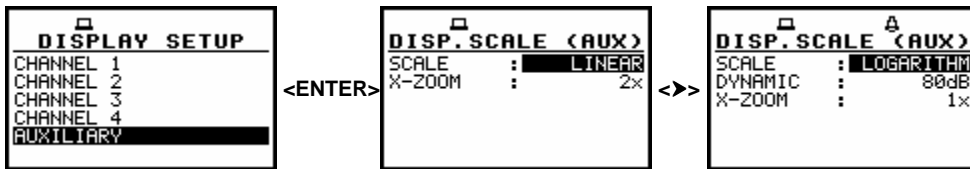
MENU, DISPLAY, DISPLAY SETUP and DISPLAY SETUP (1) windows

The **DISPLAY SCALE** (*path: MENU / DISPLAY / DISPLAY SETUP / CHANNEL x / DISPLAY SCALE*) sub-list enables the user to change the scale in the available modes of graphical presentation of the measurement results (time-history in the **LOGGER** and so-called spectra in the **SPECTRUM**). It can be done in the **SCALE** position of the **DISPLAY SCALE**. The user can set the parameters for each channel separately. It is also possible to change the “dynamics” of the vertical axis by means of the **DYNAMIC** position. In order to enter the list one has to press the **<ENTER>** push-button on the inversely displayed **DISPLAY SCALE** text of the **DISPLAY SETUP (x)** list. The **DISPLAY SCALE** window is closed and the instrument returns to the **DISPLAY SETUP (x)** list after pressing the **<ESC>** push-button, which ignores any changes in the window or the **<ENTER>** push-button, which confirms the changes.



DISPLAY SETUP windows with DISPLAY SCALE text highlighted

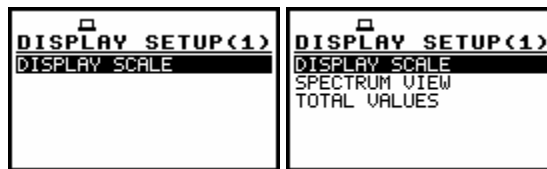
The parameters of **DISPLAY SCALE** for auxiliary function (for “**SEAT**” function in **1/1 OCTAVE** or **1/3 OCTAVE** analysis mode or for **VECTOR** when it is in logger presentation mode) can be set after opening **AUXILIARY** window. The parameters setting is analogical as for the other results - see description of **DISPLAY SCALE**, **DYNAMIC** and **X-ZOOM** options in the next part of this chapter.



DISPLAY SETUP window, AUXILIARY text selected, and scale selection in the opened window

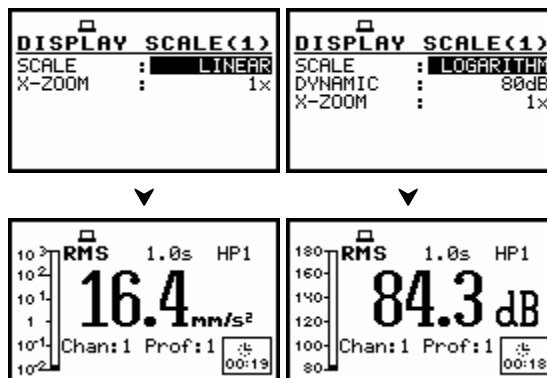
### 6.2.1 Selection of the scale in graphical results presentations - DISPLAY SCALE

The **DISPLAY SCALE** (*path: MENU / DISPLAY / DISPLAY SETUP / CHANNEL x / DISPLAY SCALE*) enables the user to change the scale in the available modes of graphical presentation of the measurement results (time-history in the **LOGGER** and so-called spectra in the **SPECTRUM**). It is possible to change the scale of the vertical axis only. In order to enter the list one has to press the **<ENTER>** push-button on the inversely displayed **DISPLAY SCALE** text of the **DISPLAY SETUP (x)** window. The **DISPLAY SCALE** window is closed and the instrument returns to the **DISPLAY SETUP (x)** window after pressing the **<ESC>** push-button, which ignores any changes in the window or the **<ENTER>** push-button, which confirms the changes.



DISPLAY SETUP (1) windows with DISPLAY SCALE text highlighted

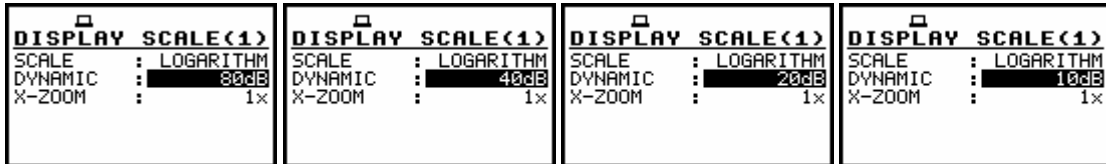
The **SCALE** is available only in the case of vibration measurements (when in the **MODE** the **VIBRATION** text is selected (*path: MENU / INPUT / CHANNELS SETUP / CHANNEL x / MODE: VIBRATION*)). Two options are available: **LINEAR** and **LOGARITHM**. In the case of the first one, the graphical presentation and the units both are linear. In the latter case, the graphical presentation is given in the logarithmic scale and the measurement results are expressed in decibels (the result is related to the values set in the **REFERENCE LEVEL**). It is possible to set the required option using the **<<>**, **<>>** push-buttons. The confirmation of the selection is made by pressing the **<ENTER>** push-button. The return without taking into account any change is made after pressing the **<ESC>** push-button.



Displays with the possible options of the SCALE in vibration mode

### 6.2.2 Scaling of the vertical axis of the graphical presentation - DYNAMIC

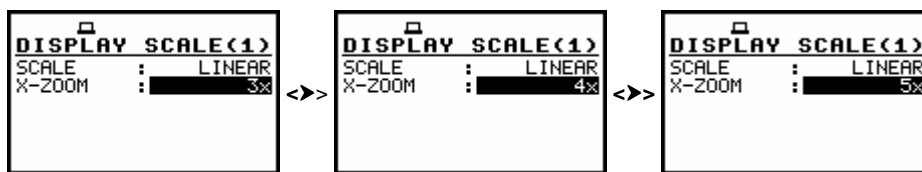
In the case of the vertical axis the user can obtain the double, four times and eight times expansion (as the default the vertical axis corresponds to 80 dB, after expansion it corresponds to 40 dB, 20 dB and 10 dB – respectively) using the **<<>**, **<>>** push-buttons. This setting is always valid only for the measurements of sound and for vibrations if the **logarithmic** scale was selected.



Displays with the possible values of the vertical axis in **LOGGER** and **SPECTRUM** presentations

### 6.2.3 Scaling of the horizontal axis of the graphical presentation - X-ZOOM

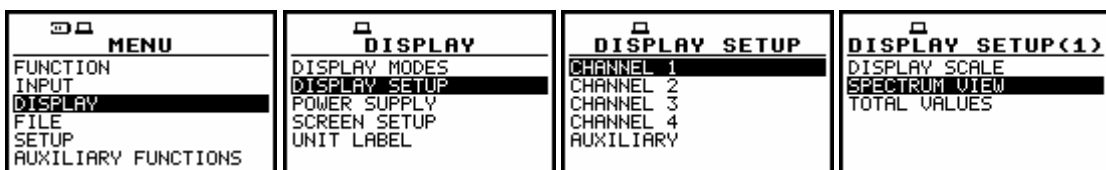
The **X-ZOOM** enables the user to change the horizontal axis in the **SPECTRUM** presentation mode. This parameter is set by means of the <<>, <>> push-buttons. In order to confirm the selection the user has to press the <ENTER> push-button, which closes also the **DISPLAY SCALE** window. The window can be also closed after pressing the <ESC> push-button but the settings made there are ignored.



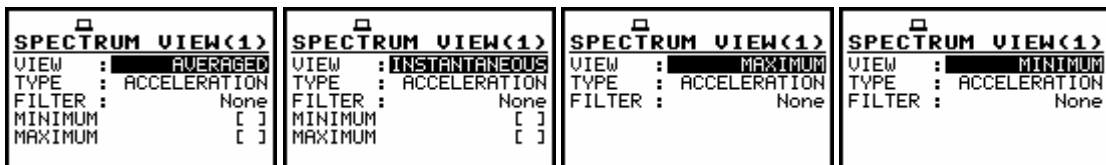
**DISPLAY SCALE (1)** windows with **X-ZOOM** selection

### 6.2.4 Selection of the parameters of the SPECTRUM - SPECTRUM VIEW

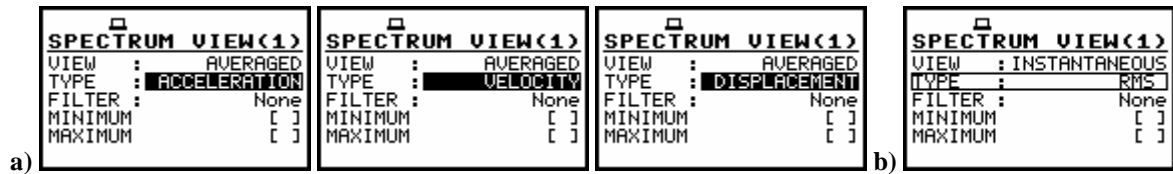
The **SPECTRUM VIEW** (path: *MENU / DISPLAY / DISPLAY SETUP / CHANNEL x / SPECTRUM VIEW*) enables the user to change the parameters of the presentation of the spectrum: **VIEW** (settings: **AVERAGED**, **INSTANTANEOUS**, **MAXIMUM** or **MINIMUM**), **TYPE** (settings for **VM**: **ACCELERATION**, **VELOCITY** and **DISPLACEMENT** and in the case of **SM**: **RMS** – for filter **LIN** and **C**, **LEQ** – for filter **A**), **FILTER** (settings: **None**, **VUSRi**, **SUSRj**) and contextually: **MINIMUM** and **MAXIMUM**. In order to enter the list one has to press the <ENTER> push-button on the inversely displayed **SPECTRUM VIEW** text of the **DISPLAY SETUP (x)**. The **SPECTRUM TYPE** is closed and the instrument returns to the **DISPLAY SETUP (x)** after pressing the <ESC> push-button, which ignores any changes in the window or the <ENTER> push-button, which confirms the changes.



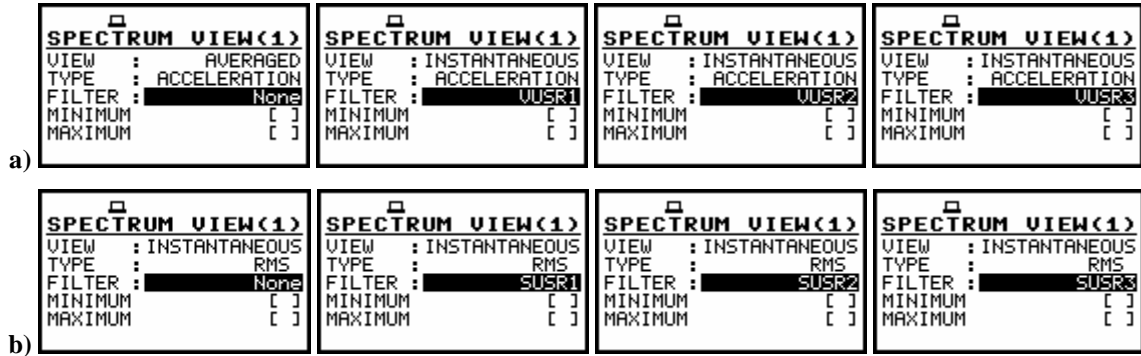
**MENU, DISPLAY, DISPLAY SETUP and DISPLAY SETUP (1)** windows



**SPECTRUM VIEW** windows with **VIEW** selection

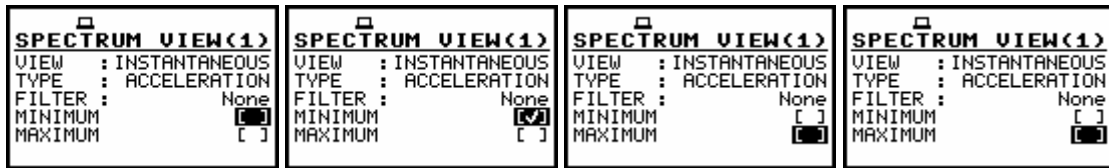


SPECTRUM VIEW windows with TYPE for vibration measurements (a) and for sound measurements (b)



SPECTRUM VIEW windows with FILTER for vibration measurements (a) and for sound measurements (b)

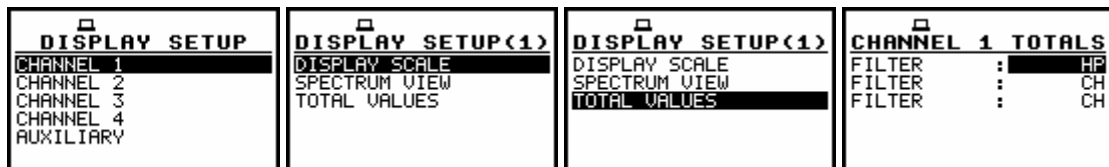
In the **MINIMUM / MAXIMUM** the corresponding spectrum can be selected (by means of the <<>, >>> push-buttons) to be presented on the display in the graphical presentation modes.



SPECTRUM VIEW windows with MINIMUM / MAXIMUM spectrum selection

### 6.2.5 Selection of the weighting filters - TOTAL VALUES

The **TOTAL VALUES** (*path: MENU / DISPLAY / DISPLAY SETUP / CHANNEL x / TOTAL VALUES*) which is available only in **1/1 OCTAVE** or **1/3 OCTAVE** analysis; enables the user to select the weighting filters for the calculation of total values. In order to enter the list one has to press the <ENTER> push-button on the inversely displayed **TOTAL VALUES** text of the **DISPLAY SETUP (x)** window. The **CHANNEL x TOTALS** is closed and the instrument returns to the **DISPLAY SETUP (x)** after pressing the <ESC> push-button.



DISPLAY SETUP windows with TOTAL VALUES text highlighted and CHANNEL x TOTALS entered

#### 6.2.5.1 Selection of the weighting filters for the profiles - FILTER

In the first line the user can select the weighting **FILTER** to be used for the calculation of the **TOTAL1** value (**TOTAL** value calculated with the selected filter). In the case of vibration measurements, it is also possible to determine the type (**TYPE**) of the filter and the calibration factor (**CAL. FACTOR**).

- ❖ **FILTER**: available values of the weighting filters:

- o in the case of sound measurements: **A** (for the first **TOTAL** value), **C** (for the second **TOTAL** value), **LIN** (for the third **TOTAL** value), **SUSR1**, **SUSR2**, **SUSR3** or any other sent to the unit by means of the interface,

|  |  |  |  |
|--|--|--|--|
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>SUSR1</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>SUSR2</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>SUSR3</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> |
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>SUSR1</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>SUSR2</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>SUSR3</b><br>FILTER : <b>LIN</b> |
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>LIN</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>SUSR1</b>   | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>SUSR2</b>   | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>A</b><br>FILTER : <b>C</b><br>FILTER : <b>SUSR3</b>   |

CHANNEL 1 TOTALS windows in the case of sound measurements with filter selection

- o in the case of vibration measurements: **HP** (for the first **TOTAL** value), **CH** (for the second and third **TOTAL** value the filter selected in the current channel), **VUSR1**, **VUSR2**, **VUSR3** or any other sent to the unit by means of the interface.

|   |   |   |   |
|---|---|---|---|
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR2</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR3</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> |
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>VUSR2</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>VUSR3</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b> |
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>VUSR2</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>HP</b><br>FILTER : <b>CH</b><br>FILTER : <b>VUSR3</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB |

CHANNEL 1 TOTALS windows in the case of vibration measurements with FILTER selection

- ❖ **TYPE:** (only for vibration measurements); available values if **VUSR1**, **VUSR2**, or **VUSR3** was selected in the **FILTER** position: **ACC**, **VEL** and **DIL**; if the **HP** filter was selected this position is not displayed.

|   |   |   |
|---|---|---|
| <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>ACC</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>VEL</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> | <b>CHANNEL 1 TOTALS</b><br>FILTER : <b>VUSR1</b><br>TYPE : <b>DIL</b><br>CAL. FACTOR: 0.0dB<br>FILTER : <b>CH</b><br>FILTER : <b>CH</b> |
|---|---|---|

CHANNEL 1 TOTALS windows in the case of vibration measurements with TYPE selection

- ❖ **CAL. FACTOR:** (only for vibration measurements); accessible if **VUSR1**, **VUSR2**, or **VUSR3** was selected in the **FILTER** position; if the **HP** filter was selected this position is not displayed; available values (from **-60.0dB** to **60.0dB** with **0.1dB** step by pressing the **<<>**, **>>>** push-buttons or with **1 dB** step by pressing **<Shift>** with **<<>**, **>>>** push-buttons).

|  |  |  |   |
|--|--|--|---|
| <b>CHANNEL 1 TOTALS</b><br>FILTER : VUSR1<br>TYPE : ACC<br>CAL. FACTOR: <b>-60.0dB</b><br>FILTER : CH<br>FILTER : CH | <b>CHANNEL 1 TOTALS</b><br>FILTER : VUSR1<br>TYPE : ACC<br>CAL. FACTOR: <b>-20.0dB</b><br>FILTER : CH<br>FILTER : CH | <b>CHANNEL 1 TOTALS</b><br>FILTER : VUSR1<br>TYPE : ACC<br>CAL. FACTOR: <b>6.5dB</b><br>FILTER : CH<br>FILTER : CH | <b>CHANNEL 1 TOTALS</b><br>FILTER : VUSR1<br>TYPE : ACC<br>CAL. FACTOR: <b>60.0dB</b><br>FILTER : CH<br>FILTER : CH |
|--|--|--|---|

CHANNEL 1 TOTALS windows in the case of vibration measurements with calibration factor setting


### 6.3 Checking the state of the internal battery - POWER SUPPLY

The **POWER SUPPLY** enables the user to check the internal battery condition. In order to enter the window one has to press the **<ENTER>** push-button on the inversely displayed **POWER SUPPLY** text of the **DISPLAY** list. The **POWER SUPPLY** window is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** or the **<ENTER>** push-button.

|   |
|---|
| <b>DISPLAY</b><br>DISPLAY MODES<br>DISPLAY SETUP<br><b>POWER SUPPLY</b><br>SCREEN SETUP<br>UNIT LABEL |
|---|

DISPLAY window with POWER SUPPLY text highlighted

The instrument can be powered from the external power supplier, from the external battery pack, from four AA standard or AA rechargeable batteries or from the USB interface when its USB Device socket is connected by means of the cable to a PC. The view presented on the display in each case is different. The current battery voltage is displayed together with its approximate state (in the graphical form).

|  |  |   |  |
|--|--|---|--|
| <b>POWER SUPPLY</b><br>EXTERNAL POWER:<br>12.09V | <b>POWER SUPPLY</b><br>EXTERNAL POWER:<br>9.2V | <b>POWER SUPPLY</b><br>BATTERY<br><br>6.24V | <b>POWER SUPPLY</b><br>USB POWER:<br>5.06V |
|--|--|---|--|

POWER SUPPLY windows for different sources powering the instrument

The window is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** or **<ENTER>** push-button.

### 6.4 Setting the parameters of the display - SCREEN SETUP

The **SCREEN SETUP** window enables the user to set the backlight's automatic switch off (after a 30-seconds period), the brightness of the backlight and the proper contrast of the display. In order to enter the window one has to press the **<ENTER>** push-button on the inversely displayed **SCREEN SETUP** text of the **DISPLAY** list.

The **SCREEN SETUP** window is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** or the **<ENTER>** push-button.

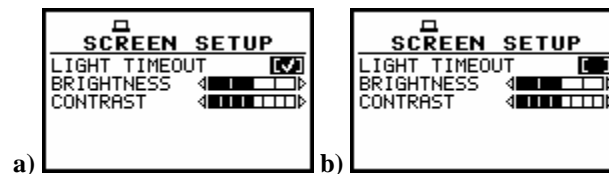


DISPLAY window with SCREEN SETUP text highlighted

#### 6.4.1 Automatic switch off of the backlight - LIGHT TIMEOUT

Taking into account the saving of the internal source of the instrument power the backlight should be used relatively rare. It is possible to set the backlight's automatic switch off. In the case when this option is set, after 30 seconds from pressing **any push-button** the backlight is switched off. If it happened, the first pressing of any push-button would cause the switch on of the backlight.

The confirmation of the selection is made by pressing the **<ENTER>** push-button. The return without taking into account any change is made after pressing the **<ESC>** push-button.



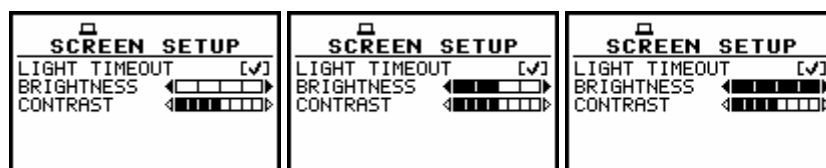
SCREEN SETUP windows with LIGHT TIMEOUT active (a), and not active (b)

#### 6.4.2 Setting the brightness of the backlight - BRIGHTNESS

It is possible to change the **BRIGHTNESS** of the backlight using the **<<>**, **>>>** push-buttons. The user can select five different values of this parameter.



**Notice:** The new value of the brightness is confirmed after each pressing of the **<<>** or **>>>** push-buttons (new value is selected without any confirmation from the **<ENTER>** push-button).



SCREEN SETUP windows with BRIGHTNESS position active

The **SCREEN SETUP** window is closed and the instrument returns to the **DISPLAY** list after pressing the **<ESC>** or **<ENTER>** push-button.

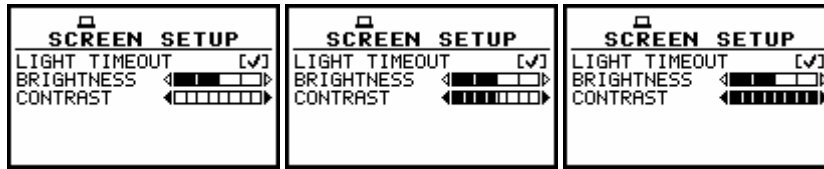
#### 6.4.3 Setting the contrast of the display - CONTRAST

The **CONTRAST** enables the user to set the proper contrast of the display (by means of the **<<>**, **>>>** push-buttons). The position is opened after pressing the **<ENTER>** push-button on the highlighted (displayed inversely) **CONTRAST** text. The user can select 21 different values of this parameter.



**Notice:** The new value of the contrast is confirmed after each pressing of the <<> or <>> push-buttons (new value is selected without any confirmation from the <ENTER> push-button).

The window is closed and the instrument returns to the **DISPLAY** list after pressing the <ESC> or <ENTER> push-button.



SCREEN SETUP windows with CONTRAST setting

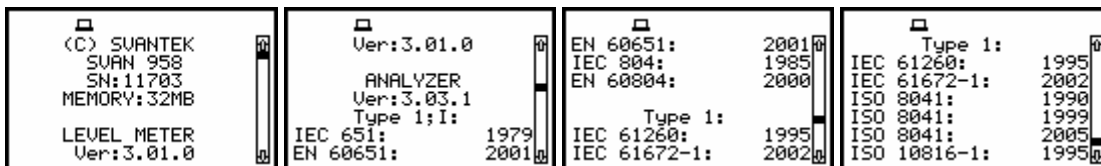
### 6.5 Checking specification of the instrument - UNIT LABEL

The **UNIT LABEL** enables the user to check the **type of the instrument, its serial number and the current software version installed in it and the standards, which the instrument fulfils**. In order to enter the list one has to press the <ENTER> push-button on the inversely displayed **UNIT LABEL** text of the **DISPLAY** list. The **UNIT LABEL** sub-list is closed and the instrument returns to the **DISPLAY** list after pressing the <ESC> or the <ENTER> push-button.



DISPLAY window with UNIT LABEL text highlighted

After pressing the <<>, <>> (or <▲>, <▼>) push-buttons the displayed text is scrolled on the display and the user can check the number of the standard fulfilled by the instrument and the current software version. The window is closed and the instrument returns to the **DISPLAY** list after pressing the <ESC> or <ENTER> push-button.



UNIT LABEL windows opened and after scrolling with the <▲>, <▼> push-buttons



**Notice:** The contents of the **UNIT LABEL** should be always transmitted to the service of the SVANTEK company in the case of any problems faced by the user during the instrument's operation.