

8 PRINTING REPORTS - REPORT

The printed reports of the sound measurement results in the predefined format can be obtained by means of the **REPORT** list. In order to open the **REPORT** list the user has to:

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



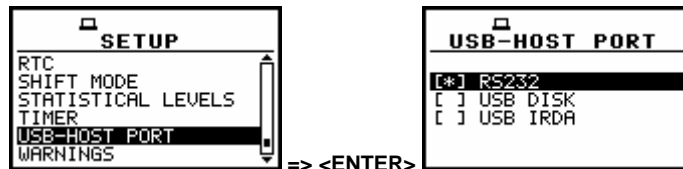
View of the display in the main list; the **REPORT** text highlighted (displayed inversely)

In order to obtain the report the user has to connect the instrument to the printer's RS 232 port using the **SV 55** RS 232 interface. This hardware interface is hidden in the Cannon type, 9-pin RS 232 plug-in. On the other end of the **SV 55** interface, which itself looks like a cable, there is the USB Host plug-in. This plug-in should be placed in the USB Host socket of the instrument.



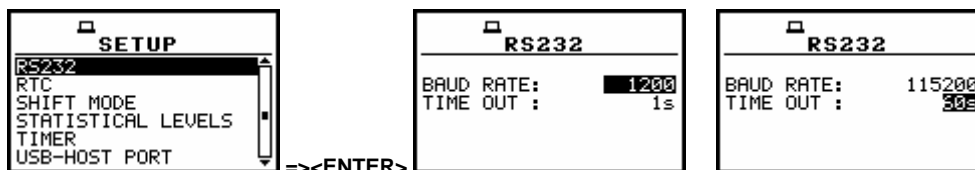
Notice: The converter **SV 55** serves as the RS 232 interface. The **SV 55** connection to the **USB Host** socket is detected and after successful detection the headphone icon is switched on. The transmission using the **SV 55** is possible only in the case when the instrument is not connected to a PC with the **USB Device** port.

The **RS232** is the default setting in the **USB-HOST PORT** in the **SETUP** list. Only in this option the USB host controller is awoken and the power consumption is the lower one.



SETUP list with the **USB-HOST PORT** selected and this window with the activated **RS232**

The user has to be sure that the **RS232** is activated (*path: SETUP / USB-HOST PORT / RS232*) before starting printing reports. Additionally, in the **RS232** list (*path: SETUP / RS232*) the user has to select the proper speed of the transmission and the parameter called **TIME OUT**. The RS 232 interface transmission (**BAUD RATE**) speed can be selected from the following available values: **1200** (bits / second), **2400** (bits / s), **4800** (bits / s), **9600** (bits / s), **19200** (bits / s), **38000** (bits / s), **57600** (bits / s) or **115200** (bits / s). The selection is made by means of the **<◀>**, **<▶>** push-buttons. The transmission speed should correspond to the one selected in a printer. The other RS 232 transmission parameters are fixed to **8 bits for data, No parity & 1 Stop bit**. The default value of the **TIME OUT** parameter is equal to 1 but it can be too short period for the printers, which are not too fast. In such case, this parameter has to be increased.



SETUP list with the **RS232** selected and the exemplary contents of this window

The description of the **SV 55** pin-outs is given in App. C. The printers with the different connections on the RS 232 socket require the special, individual RS 232 – RS 232 cable that should fulfil the suitable wire crossing.

The printers, in which the Centronics interface is available instead of the RS 232 one, can be connected to the instrument by means of the **SV 52** RS 232 – Centronics interface.

The printers, which have only USB interface, are currently not driven by the instrument.



Notice: Switch the power off before connecting the instrument to any external device (e.g. a printer or a Personal Computer).

The **REPORT** list contains the following elements:

- TITLE** that enables the user to give the header to the printed report;
- PRINT RESULTS** that enables the user to print out the measurement results on the default printer;
- PRINT STATISTICS** that enables the user to print out the statistics of the measurement results;
- PRINT CATALOGUE** that enables the user to print out the catalogue of the files;
- OPTIONS** that enables the user to determine the options of the report.



View of the display in the **REPORT** list



Notice: All reports are printed in the character format using the ASCII set.

8.1 Edition of the user's text to be added to the reports - **TITLE**

The **TITLE** enables the user to edit the text added to the file and to the report to be printed. This operation is performed in the same way as it was described in the case of the **FILE NAME** window. In order to enter the position the user has to select the **TITLE** text in the **REPORT** list, using the <▲>, <◀> (or <▲>, <◀> with <SHIFT>) push-buttons and press the <ENTER> one.



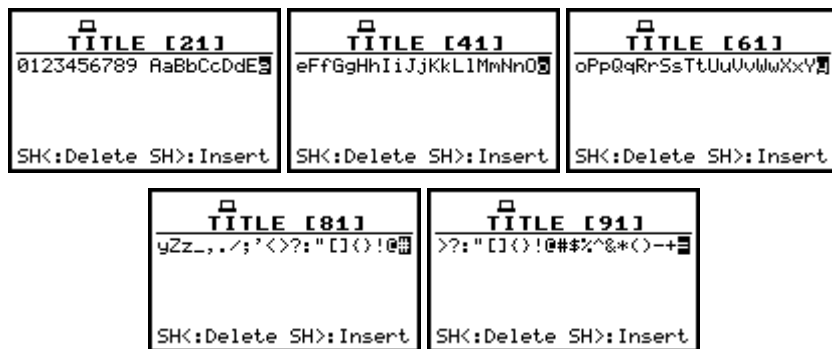
View of the display in the **REPORT** list with the **TITLE** selected

The text edition is made using the <▲>, <▼>, <◀>, <▶> and <SHIFT> push-buttons. The <◀>, <▶> push-buttons are used for changing the position of the edited character. The number (counted from the beginning of the text) of the edited character is displayed in the first line of the display, in the brackets. The text is limited to 128 characters.



View of the displays in the text edition of the report's header

The <▲>, <▼> push-buttons are used for the selection of the ASCII characters. Digits, small and big letters as well as special characters, all together 91, are available (cf. the view of the displays below). Small and big letters are placed one after another. Pressing the <SHIFT> and <◀> push-buttons causes that the highlighted character is erased from the text (**DEL** function). Pressing the <SHIFT> and <▶> causes that the whole text is shifted one position to the right (**INSERT** function). The window is closed and the instrument returns to the **REPORT** list after pressing the <ENTER> or <ESC> push-button. In the first case, the edited text is saved and will be added to the printed reports. In the latter case newly introduced text or the amendments made in the old one are ignored.



View of the displays with all available characters

8.2 Printing of the measurement results - PRINT RESULTS

The **PRINT RESULTS** enables the user to print the report on the attached printer. In order to enter the position the user has to select the **PRINT RESULT** text in the **REPORT** list, using the <▲>, <▼> (or <◀>, <▶>) push-buttons and press the <ENTER> one.



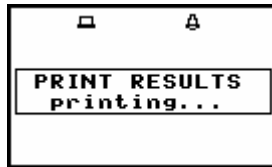
View of the display in the REPORT list with the PRINT RESULT selected

After pressing the <ENTER> push-button the instrument checks its current state. In the case when the measurements are performed, the printing is impossible and the message is displayed.



Display after the attempt to perform an unavailable operation during measurement in progress

In the case when a measurement was already performed and a result is available, the message presented below is displayed.



View of the display in the REPORT list, the execution of the PRINT RESULTS

When the message is on the display, the data are transferred from the instrument to the attached printer. The instrument returns to the **REPORT** list after transferring all data.

The report printed in A5 format (*path: REPORT / OPTION / FORMAT 5*) with the given name "23 JAN" (*path: REPORT / TITLE / 23 JAN*) looks as follows:

```
(C) SVANTEK      SVAN 955      No.11166
2007/01/24      (v6.01)      13:55:33

TITLE:
23 JAN

----- SETTINGS -----

Device function....: LEVEL METER
LEVEL METER version: 6.01
Meas. start date...: 2007/01/23
Meas. start hour...: 16:37:38
Range.....: SINGLE
Measure trigger....: Off
Logger trigger....: Off
Repeat cycle.....: Infinity
Start delay.....: 1 s
Integration time...: 1 s
Calibr. factor.....: 0.0 dB
RMS integration....: Linear

Profile:      #1      #2      #3
Filter:       A       C       Z
Detector:    FAST    FAST    FAST

----- RESULTS -----

Measurement time: 00:00:01

Prof.:   #1           #2           #3
PEAK    55.9dB        61.9dB        72.7dB
MAX     49.2dB        52.8dB        67.8dB
MIN     43.9dB        48.4dB        59.1dB
SPL     49.2dB        52.8dB        67.8dB
LEQ     44.5dB        50.8dB        62.3dB
SEL     44.5dB        50.8dB        62.3dB
Ld      44.5dB        50.8dB        62.3dB
LEPd    44.5dB        50.8dB        62.3dB
Ltm3    49.2dB        52.8dB        67.8dB
Ltm5    49.2dB        52.8dB        67.8dB

L01     46.1dB        53.1dB        68.1dB
L10     45.7dB        52.7dB        67.2dB
L20     45.2dB        52.2dB        64.2dB
L30     44.9dB        51.7dB        63.2dB
L40     44.7dB        51.2dB        61.7dB
L50     44.4dB        50.7dB        61.2dB
L60     44.2dB        50.2dB        59.8dB
L70     43.9dB        49.2dB        59.5dB
L80     43.7dB        48.8dB        59.2dB
L90     43.4dB        48.5dB        57.2dB
```

Example of the printed results - A5 format

The same result's report printed in A4 format is presented below:

```
(C) SVANTEK      SVAN 955      No.11166 2007/01/24      (v6.01)      14:13:49

TITLE:
  23 JAN

----- SETTINGS -----

Device function....: LEVEL METER          LEVEL METER version: 6.01
Meas. start date...: 2007/01/23          Meas. start hour...: 16:37:38
Range.....: SINGLE                      Measure trigger....: Off
Logger trigger....: Off                  Repeat cycle.....: Infinity
Start delay.....: 1 s                    Integration time...: 1 s
Calibr. factor....: 0.0 dB              RMS integration....: Linear

Profile:      #1      #2      #3          Profile:      #1      #2      #3
Filter:       A       C       Z          Detector:     FAST   FAST   FAST

----- RESULTS -----

Measurement time: 00:00:01

Prof.:      #1          #2          #3
PEAK       55.9 dB      61.9 dB      72.7 dB
MAX        49.2 dB      52.8 dB      67.8 dB
MIN        43.9 dB      48.4 dB      59.1 dB
SPL        49.2 dB      52.8 dB      67.8 dB
LEQ        44.5 dB      50.8 dB      62.3 dB
SEL        44.5 dB      50.8 dB      62.3 dB
Ld         44.5 dB      50.8 dB      62.3 dB
LEPd       44.5 dB      50.8 dB      62.3 dB
Ltm3       49.2 dB      52.8 dB      67.8 dB
Ltm5       49.2 dB      52.8 dB      67.8 dB

L01        46.1 dB      53.1 dB      68.1 dB
L10        45.7 dB      52.7 dB      67.2 dB
L20        45.2 dB      52.2 dB      64.2 dB
L30        44.9 dB      51.7 dB      63.2 dB
L40        44.7 dB      51.2 dB      61.7 dB
L50        44.4 dB      50.7 dB      61.2 dB
L60        44.2 dB      50.2 dB      59.8 dB
L70        43.9 dB      49.2 dB      59.5 dB
L80        43.7 dB      48.8 dB      59.2 dB
L90        43.4 dB      48.5 dB      57.2 dB

-----
```

Example of the printed results from the LEVEL METER mode - A4 format

```
(C) SVANTEK      SVAN 955      No.11166 2007/01/12      (v6.03/6.03.1)  09:59:09

TITLE:
  Mariot Hotel

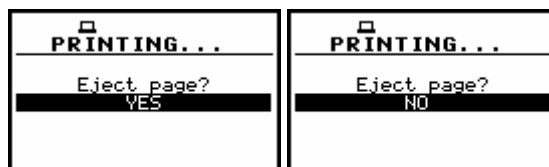
----- SETTINGS -----

Device function....: DOSE METER          Meas. start hour...: 09:57:24
Meas. start date...: 2007/01/12          Criterion level....: 80 dB
Range.....: SINGLE                      Exchange rate.....: 3 dB
Threshold level....: None                Measure trigger....: Off
Exposure time.....: 08h00                Repeat cycle.....: Infinity
Logger trigger....: Off                  Integration time...: 11 s
Start delay.....: 1 s                    Calibration by.....: Measurement
Calibr. factor....: 0.7 dB              Calibration hour...: 09:54:06
Calibration date...: 2007/01/12          RMS integration....: Linear
```

Profile:	#1	#2	#3	Profile:	#1	#2	#3
Filter:	A	C	Z	Detector:	FAST	FAST	FAST
----- RESULTS -----							
Measurement time: 00:00:11							
Prof.:	#1	#2	#3				
PEAK	77.2 dB	88.0 dB	89.0 dB				
MAX	60.1 dB	73.5 dB	82.2 dB				
MIN	15.9 dB	42.8 dB	46.9 dB				
SPL	51.7 dB	73.5 dB	82.2 dB				
DOSE	0 %	0 %	0 %				
D_8h	0 %	1 %	6 %				
LAV	44.1 dB	60.1 dB	67.7 dB				
LEQ	44.1 dB	60.2 dB	67.8 dB				
SEL	54.5 dB	70.6 dB	78.2 dB				
SEL8	88.7 dB	104.8 dB	112.4 dB				
E	0.00 Pa2h	0.00 Pa2h	0.00 Pa2h				
E_8h	0.00 Pa2h	0.00 Pa2h	0.02 Pa2h				
LEPd	44.1 dB	60.2 dB	67.8 dB				
PSEL	9.9 dB	26.0 dB	33.6 dB				
Ltm3	55.0 dB	69.6 dB	76.7 dB				
Ltm5	55.9 dB	70.8 dB	78.0 dB				
L01	55.8 dB	73.8 dB	78.8 dB				
L10	45.4 dB	62.4 dB	72.1 dB				
L20	35.9 dB	54.9 dB	64.9 dB				
L30	21.6 dB	48.4 dB	54.5 dB				
L40	20.2 dB	47.1 dB	52.8 dB				
L50	19.8 dB	46.3 dB	52.2 dB				
L60	19.6 dB	45.6 dB	50.8 dB				
L70	19.4 dB	45.1 dB	50.0 dB				
L80	19.2 dB	44.4 dB	49.1 dB				
L90	19.0 dB	43.5 dB	48.2 dB				

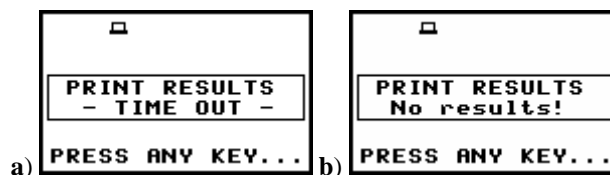
Example of the printed results from the DOSE METER mode - A4 format

The following confirmation question is displayed after the printing, if the **Prompt** parameter was selected in the **EJECT P.** (*path: MENU / REPORT / OPTIONS / EJECT P.*). The user has to answer in this case if the paper in the printer has to be ejected to the new page. The change of the available answers is possible after pressing the <◀>, <▶> push-buttons. The return to the **REPORT** list is performed after pressing the <ENTER> push-button with the possible ejection of the paper to the new page.



View of the displays with the confirmation request of the paper ejection

The message about the time limit is displayed in the case when the printer is not connected or there is any other reason that it does not receive the data. The instrument waits for the reaction of the user (any push-button should be pressed except the <SHIFT> and <ALT> one) and after pressing a push-button it returns to the **REPORT** list. Another message is presented and the instrument waits for the reaction of the user in the case when there is no data to be printed.



View of the displays during the results printing when there is no transfer (a) and no data (b)

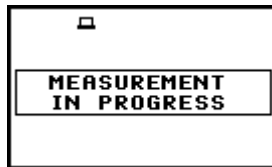
8.3 Printing of the statistics of measurement results - PRINT STATISTICS

The **PRINT STATISTICS** enables the user to print the results of the statistics analysis on the attached printer. In order to enter the position the user has to select the **PRINT STATISTICS** text in the **REPORT** list, using the <▲>, <▼> (or <◀>, <▶>) push-buttons and press the <ENTER>.



View of the display in the **REPORT** list with the **PRINT STATISTICS** selected

After pressing the <ENTER> push-button the instrument checks its current state. In the case when the measurements are performed, the printing is impossible and the message is displayed.



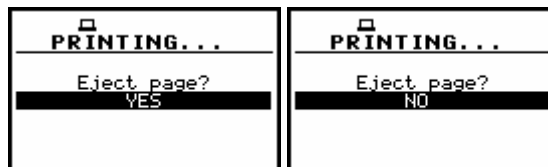
Display after the attempt to perform an unavailable operation during measurement in progress

After pressing the <ENTER> push-button, in the case when a measurement was already performed and a result is available, the message is displayed:



View of the display in the **REPORT** list, the execution of the **PRINT STATISTICS**

When the message is on the display, the data are transferred from the instrument to the attached printer. The instrument returns to the **REPORT** list when all data are transferred but if the **Prompt** parameter was selected in the **EJECT P.** (*path: MENU / REPORT / OPTIONS / EJECT P.*), the confirmation question is displayed after the printing. The user has to answer in this case if the paper in the printer has to be ejected to the new page. The change of the available answers is possible after pressing the <◀>, <▶> push-buttons. The return to the **REPORT** list is performed after pressing the <ENTER> push-button with the possible ejection of the paper to the new page.



View of the displays with the confirmation request of the paper ejection

The printed statistics example (format A5) is presented below:

```

(C) SVANTEK      SVAN 955      No.11166
2007/01/24      (v6.01)     15:09:27

TITLE:
  23 JAN
  
```

```

----- SETTINGS -----
Device function....: LEVEL METER
LEVEL METER version: 6.01
Meas. start date...: 2007/01/24
Meas. start hour...: 15:01:16
Range.....: SINGLE
Measure trigger....: Off
Logger trigger....: Off
Repeat cycle.....: Infinity
Start delay.....: 1 s
Integration time...: 1 s
Calibr. factor.....: 0.0 dB
RMS integration....: Linear

Profile:      #1      #2      #3
Filter:       A       C       Z
Detector:     FAST    FAST    FAST

----- STATISTICS -----

Measurement time: 00:00:01

Profile:      #1      #2      #3
              [dB A] [dB C]  [dB]
L01          77.1    80.1    80.1
L02          77.0    80.0    80.0
L03          76.9    79.9    79.9
L04          76.8    79.8    79.8
L05          76.7    79.7    79.7
L06          76.6    79.6    79.6
L07          76.5    79.5    79.5
L08          76.4    79.4    79.4
L09          76.3    79.3    79.3
L10          76.2    79.2    79.2
L11          73.1    78.1    78.1
L12          73.0    78.0    78.0
L13          72.9    77.9    77.9
L14          72.8    77.8    77.8
L15          72.7    77.7    77.7
L16          72.6    77.6    77.6
L17          72.5    77.5    77.5
L18          72.4    77.4    77.4
L19          72.3    77.3    77.3
L20          72.2    77.2    77.2
L21          65.1    71.1    71.1
L22          65.0    71.0    71.0
L23          64.9    70.9    70.9
L24          64.8    70.8    70.8
L25          64.7    70.7    70.7
L26          64.6    70.6    70.6
L27          64.5    70.5    70.5
L28          64.4    70.4    70.4
L29          64.3    70.3    70.3
L30          64.2    70.2    70.2
L31          61.1    67.1    67.1
L32          61.1    67.1    67.1
L33          61.0    67.0    67.0
L34          61.0    67.0    67.0
L35          60.9    66.9    66.9
L36          60.9    66.9    66.9
L37          60.8    66.8    66.8
L38          60.8    66.8    66.8
L39          60.7    66.7    66.7
L40          60.7    66.7    66.7
L41          60.6    66.6    66.6
L42          60.6    66.6    66.6
L43          60.5    66.5    66.5
L44          60.5    66.5    66.5
L45          60.4    66.4    66.4
L46          60.4    66.4    66.4
L47          60.3    66.3    66.3

```

L48	60.3	66.3	66.3
L49	60.2	66.2	66.2
L50	60.2	66.2	66.2
L51	59.1	61.1	62.1
L52	59.1	61.0	62.0
L53	59.0	60.9	61.9
L54	59.0	60.8	61.8
L55	58.9	60.7	61.7
L56	58.9	60.6	61.6
L57	58.8	60.5	61.5
L58	58.8	60.4	61.4
L59	58.7	60.3	61.3
L60	58.7	60.2	61.2
L61	58.6	59.1	60.1
L62	58.6	59.0	60.0
L63	58.5	58.9	59.9
L64	58.5	58.8	59.8
L65	58.4	58.7	59.7
L66	58.4	58.6	59.6
L67	58.3	58.5	59.5
L68	58.3	58.4	59.4
L69	58.2	58.3	59.3
L70	58.2	58.2	59.2
L71	56.1	56.1	57.1
L72	56.0	56.0	57.0
L73	55.9	55.9	56.9
L74	55.8	55.8	56.8
L75	55.7	55.7	56.7
L76	55.6	55.6	56.6
L77	55.5	55.5	56.5
L78	55.4	55.4	56.4
L79	55.3	55.3	56.3
L80	55.2	55.2	56.2
L81	55.1	55.1	56.1
L82	55.0	55.1	56.1
L83	54.9	55.0	56.0
L84	54.8	55.0	56.0
L85	54.7	54.9	55.9
L86	54.6	54.9	55.9
L87	54.5	54.8	55.8
L88	54.4	54.8	55.8
L89	54.3	54.7	55.7
L90	54.2	54.7	55.7
L91	54.1	54.6	55.6
L92	54.0	54.6	55.6
L93	53.9	54.5	55.5
L94	53.8	54.5	55.5
L95	53.7	54.4	55.4
L96	53.6	54.4	55.4
L97	53.5	54.3	55.3
L98	53.4	54.3	55.3
L99	53.3	54.2	55.2

Example of the printed statistics from the LEVEL METER mode – format A5

(C) SVANTEK	SVAN 955	No.11166	2007/01/12	(v6.03/6.03.1)	10:08:04
TITLE:					
Mariot Hotel					
----- SETTINGS -----			----- SETTINGS -----		
Device function....: DOSE METER			Meas. start hour...: 09:57:24		
Meas. start date...: 2007/01/12			Criterion level....: 80 dB		
Range.....: SINGLE			Exchange rate.....: 3 dB		
Threshold level....: None					

```

Exposure time.....: 08h00
Logger trigger.....: Off
Start delay.....: 1 s
Calibr. factor.....: 0.7 dB
Calibration date...: 2007/01/12
RMS integration....: Linear
Measure trigger....: Off
Repeat cycle.....: Infinity
Integration time...: 11 s
Calibration by.....: Measurement
Calibration hour...: 09:54:06
    
```

```

Profile:   #1   #2   #3
Filter:    A    C    Z
    
```

```

Profile:   #1   #2   #3
Detector:  FAST FAST FAST
    
```

----- STATISTICS -----

----- STATISTICS -----

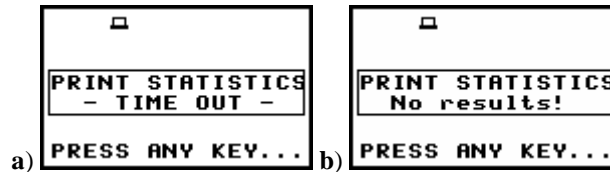
Measurement time: 00:00:11

Profile:	#1	#2	#3
	[dB A]	[dB C]	[dB]
L01	55.8	73.8	78.8
L02	52.8	72.7	78.3
L03	52.4	67.6	75.6
L04	52.1	66.5	74.7
L05	50.4	65.7	74.4
L06	49.3	65.3	74.0
L07	47.2	65.0	73.2
L08	46.5	64.1	72.7
L09	45.9	63.0	72.4
L10	45.4	62.4	72.1
L11	44.8	61.8	70.8
L12	44.3	61.3	70.3
L13	41.6	60.7	69.6
L14	40.5	60.2	68.5
L15	39.4	59.4	67.7
L16	38.3	58.3	67.3
L17	37.5	57.5	67.0
L18	37.0	57.0	66.5
L19	36.4	56.0	65.9
L20	35.9	54.9	64.9
L21	33.8	51.8	61.8
L22	33.3	50.8	58.7
L23	27.7	50.2	57.8
L24	27.2	49.8	57.4
L25	25.4	49.5	57.0
L26	24.6	49.2	56.6
L27	24.0	48.9	56.0
L28	23.1	48.7	55.1
L29	22.0	48.5	54.7
L30	21.6	48.4	54.5
L31	21.3	48.2	54.3
L32	21.1	48.0	54.2
L33	20.8	47.8	54.0
L34	20.7	47.7	53.8
L35	20.7	47.6	53.6
L36	20.6	47.5	53.4
L37	20.5	47.4	53.2
L38	20.4	47.3	53.1
L39	20.3	47.2	52.9
L40	20.2	47.1	52.8
L41	20.2	47.0	52.7
L42	20.1	46.9	52.7
L43	20.0	46.8	52.6
L44	19.9	46.8	52.6
L45	19.8	46.7	52.5
L46	19.8	46.6	52.4
L47	19.8	46.5	52.4
L48	19.8	46.4	52.3
L49	19.8	46.4	52.2
L50	19.8	46.3	52.2

Profile:	#1	#2	#3
	[dB A]	[dB C]	[dB]
L51	19.7	46.2	52.1
L52	19.7	46.1	52.1
L53	19.7	46.0	52.0
L54	19.7	46.0	51.9
L55	19.7	45.9	51.9
L56	19.6	45.8	51.7
L57	19.6	45.8	51.4
L58	19.6	45.7	51.2
L59	19.6	45.7	50.9
L60	19.6	45.6	50.8
L61	19.6	45.6	50.7
L62	19.5	45.5	50.6
L63	19.5	45.5	50.5
L64	19.5	45.4	50.5
L65	19.5	45.4	50.4
L66	19.5	45.3	50.3
L67	19.4	45.3	50.2
L68	19.4	45.2	50.2
L69	19.4	45.2	50.1
L70	19.4	45.1	50.0
L71	19.4	45.1	49.9
L72	19.4	45.0	49.8
L73	19.3	45.0	49.7
L74	19.3	44.9	49.7
L75	19.3	44.9	49.6
L76	19.3	44.8	49.5
L77	19.3	44.7	49.4
L78	19.2	44.6	49.3
L79	19.2	44.5	49.2
L80	19.2	44.4	49.1
L81	19.2	44.3	49.0
L82	19.2	44.3	48.9
L83	19.2	44.2	48.8
L84	19.1	44.1	48.7
L85	19.1	44.0	48.6
L86	19.1	43.9	48.6
L87	19.1	43.8	48.5
L88	19.1	43.7	48.4
L89	19.0	43.6	48.3
L90	19.0	43.5	48.2
L91	19.0	43.5	48.1
L92	19.0	43.4	48.0
L93	19.0	43.3	47.9
L94	19.0	43.2	47.8
L95	18.9	43.1	47.6
L96	18.9	43.0	47.3
L97	18.9	43.0	47.1
L98	18.9	42.9	46.9
L99	18.9	42.4	46.0

Example of the printed statistics from the DOSE METER mode – format A4

The message about the time limit is displayed in the case when the printer is not connected or there is any other reason that it does not receive the data. The instrument waits for the reaction of the user (any push-button should be pressed except the <SHIFT> one) and after pressing a push-button it returns to the **REPORT** list. Another message is presented and the instrument waits for the reaction of the user in the case when there is no data to be printed.



View of the displays during the statistics printing when there is no transfer (a) and no data (b)

8.4 Printing of the file's catalogue - PRINT CATALOGUE

The **PRINT CATALOGUE** enables the user to print the catalogue of the files stored in the instrument on the attached printer. In order to enter the position the user has to select the **PRINT CATALOGUE** text in the **REPORT** list, using the <▲>, <▼> (or <◀>, <▶>) push buttons and press the <ENTER>.



View of the display in the **REPORT** list with the **PRINT CATALOGUE** selected

After pressing the <ENTER> push-button the instrument checks its current state. In the case when the measurements are performed, the printing is impossible and the message is displayed.



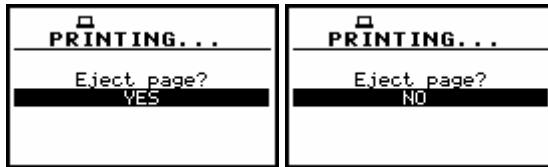
Display after the attempt to perform an unavailable operation during measurement in progress

After pressing the <ENTER> push-button the following message is displayed:



View of the display in the **REPORT** list, the execution of the **PRINT CATALOGUE**

When the message is on the display, the data are transferred from the instrument to the attached printer. The instrument returns to the **REPORT** list after transferring all data but if the **Prompt** parameter was selected in the **EJECT P.** (path: *MENU / REPORT / OPTIONS / EJECT P.*), the confirmation question is displayed after the printing. The user has to answer in this case if the paper in the printer has to be ejected to the new page. The change of the available answers is possible after pressing the <◀>, <▶> push-buttons. The return to the **REPORT** list is performed after pressing the <ENTER> push-button with the possible ejection of the paper to the new page.



View of the displays with the confirmation request of the paper ejection

The printed catalogue looks as follows:

```

(C) SVANTEK      SVAN 955      No.11166 2007/01/24      (v6.01)      14:21:56

CATALOGUE CONTENTS                                Number of files: 10

Name      Mf  Length   Date    Time      Name      Mf  Length   Date    Time
@EXAMP24 <S                                @EXAMP25 <S
@EXAMP26 <S                                @EXAMP28 <S
@EXAMP29 <S                                @EXAMP30 <S
@EXAMP31 <S                                18JAN0 <S
18JAN1 <S                                23JAN0 <S
    
```

Example of the printed catalogue- format A4

The same catalogue in A5 format:

```

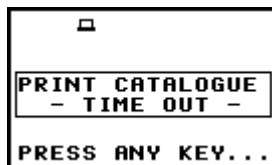
(C) SVANTEK      SVAN 955      No.11166
2007/01/24      (v6.01)      14:33:20

CATALOGUE CONTENTS
Number of files: 10

Name      Mf  Length   Date    Time
@EXAMP24 <S
@EXAMP25 <S
@EXAMP26 <S
@EXAMP28 <S
@EXAMP29 <S
@EXAMP30 <S
@EXAMP31 <S
18JAN0 <S
18JAN1 <S
23JAN0 <S
    
```

Example of the printed catalogue –format A5

When the catalogue of the files is empty (the measurement results were not saved), the instrument returns to the **REPORT** list without any reaction.



View of the display during the catalogue printing when there is no data transfer

8.5 Selection of the printing options - OPTIONS

Using the **OPTIONS** the user can select the format of the listing (**FORMAT**), can control the way the paper is ejected in the printer (**EJECT P.**) and select the language of the printed report (**LANGUAGE**). In

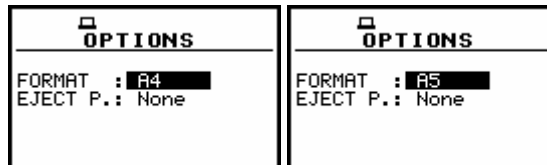
order to enter the position the user has to select the **OPTIONS** text in the **REPORT** list, using the <^>, <v> (or <^>, <^>) push-buttons and press the <ENTER>.



View of the display in the **REPORT** list with the **OPTION** selected

8.5.1 Selection of the format of the print out - **FORMAT**

The **FORMAT** enables the user to select the format of the listing (**A4** and **A5** options are available). In order to confirm the selection the <ENTER> push-button has to be pressed. After this confirmation, the **OPTIONS** sub-list is closed. In order to ignore any changes made in the **OPTIONS** sub-list the user has to press the <ESC> push-button.

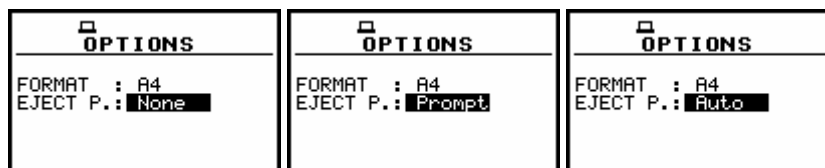


View of the displays with the **OPTIONS** sub-list opened – the selection of the format

8.5.2 Controlling the paper ejection after print out - **EJECT P.**

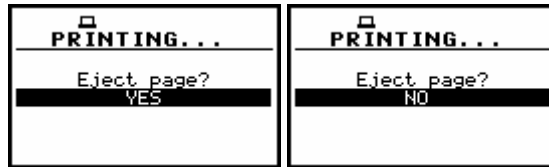
The **EJECT P.** enables the user to control the ejection of the paper after the listing is done. The following options are available: **Prompt** (the instrument asks whether to eject the page after printing report, statistics or catalogue), **Auto** (after printing, the paper is ejected) and **None** (the paper is not ejected after printing). In particular, it is possible to have one result after another using the **None** or **Prompt** options.

In the **EJECT P.** 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 **OPTIONS** sub-list is closed. In order to ignore any changes made in the **OPTIONS** sub-list the user has to press the <ESC> push-button.



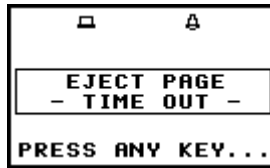
View of the displays with the **OPTIONS** sub-list opened – the selection of the paper ejection

The request is displayed after the printing of the measurement results, the statistics of the results, the catalogue of the files (**PRINT RESULTS**, **PRINT STATISTICS**, **PRINT CATALOGUE**) if the **Prompt** parameter was selected in the **EJECT P.** position of the **OPTIONS** sub-list. The user has to answer in this case if the paper in the printer has to be ejected to the new page. The change of the available answers is possible after pressing the <^>, <^> push-buttons. The return to the **REPORT** list is performed after pressing the <ENTER> push-button with the possible ejection of the paper to the new page.



View of the displays with the request for the confirmation of the paper ejection

The message about the time limit is displayed in the case when the printer is not connected or there is any other reason that it does not eject a paper. The instrument waits for the reaction of the user (any push-button should be pressed except the **<SHIFT>** one) and after pressing a push-button it returns to the **REPORT** list.



View of the display after a printing when there is not possible to eject a paper