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 <A>, <∀> (or <<>, <>>) push-buttons, the REPORT text (highlight it inversely),
- press the <ENTER> push-button.



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 awaken 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: MENU / SETUP / USB-HOST PORT / RS232*) before starting printing reports. Additionally, in the **RS232** list (*path: MENU / 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 printer, 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.



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

TITLEthat enables the user to give the header to the printed report;PRINT RESULTSthat enables the user to print out the measurement results on the default printer;PRINT STATISTICSthat enables the user to print out the statistics of the measurement results;PRINT CATALOGUEthat enables the user to print out the catalogue of the files;OPTIONSthat enables the user to determine the options of the report.



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 <**A**>, <**4**> (or <**A**>, <**4**> with **<SHIFT**>) push-buttons and press the **<ENTER>** one.

TITLE PRINT RESULTS PRINT STATISTICS PRINT CATALOGUE OPTIONS

REPORT list with the TITLE selected

The text edition is made using the <A>, < \forall >, < \prec >, <>> 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.

<u>1111, []</u> [1]	TITLE [18]	<u>TITLE [35]</u>	<u>TITLE [36]</u>
	AIRPORT Hotel HYAD	HYAT ■	YAT ■
SH<:Delete SH>:Insert	SH<:Delete SH>:Insert	SH<:Delete SH>:Insert	SH<:Delete SH>:Insert

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 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.

TITLE [21] 0123456789 AaBbCcDdE3	⊡ TITLE [41] eFfGgHhIiJjKkLlM∞NnO3	ロ TITLE [61] oPpQqRrSsTtUuVvWwXxY割
SH<:Delete SH>:Insert	SHK:Delete SH>:Insert	SH<:Delete SH>:Insert
<u> </u>	<u>[81]</u> ??:"[]()!0∰ >?:"[]()!0	<u>E [91]</u> ##\$%^&*()-+ ⊒
SHK:Delete	SH>:Insert SH<:Delete	9 SH>:Insert

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 <**A**>, <**Y**> (or <**>**>) push-buttons and press the <**ENTER**> one.

TITLE PRINT RESULTS PRINT STATISTICS PRINT CATALOGUE OPTIONS

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.

D	
MEASUREMENT In progress	

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.



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: MENU / REPORT / OPTIONS / FORMAT A5*) with the given name "12JUL" (*path: MENU / REPORT / TITLE / 12JUL*) looks as follows:

(C) SVA	ANTEK	SVAN 953	No.8929
2007/07	7/12 (v6.	04/6.04.3) 05:42:16
	, , , , , , , , , , , , , , , , , , , ,		,
TTTTE:			
12JU	JL		
	਼	TNCC	
Device	function	: LEVEL	METER
LEVEL N	AETER versi	on: 6.04	
Mood	start data	· 2007/	07/12
Meas.	start uate.	2007/	.20
Meas. s	start nour.	: 05:39	:30
Range.		: SINGL	E
Measure	e trigger	: Off	
Logger	trigger	: Off	
Demost		011	
Repear	cycre	· · · Z	
Start o	delay	: 1 s	
Integra	ation time.	: 10 s	
Calibr	factor	: -0.3	dB
Calibra	tion by	· Moagur	romont
Calibra	acton by	··· Measu	
Calibra	ation date.	: 2007/0	07/11
Calibra	ation hour.	: 12:32	:48
RMS int	egration	: Linea:	r
D	. ш1	40	щ р
Prolite	2• #⊥	₩Z	#3
Filter	: A	C	Z
Detecto	or: FASI	FAST	FAST
	5		
	I	100113	
Measure	ement time:	00:00:10	
Prof.:	#1	#2	#3
DEVK	60 6dB	67 7dB	79 4dB
FEAR	00.00B		79.4UB
MAX	44./dB	58.5QB	/3.6dB
MIN	38.2dB	47.2dB	53.3dB
SPL	44.1dB	58.5dB	62.7dB
LEO	41.2dB	51.7dB	60.6dB
CFT.	51 2dB	61 7dB	70 6dB
T	51.20D		70.000
ьn	5⊥.∠dB	61./QB	/U.6dB
LEPd	41.2dB	51.7dB	60.6dB
Ltm3	44.2dB	56.0dB	68.8dB
T.t.m5	44.6dB	57.2dB	71.3dB
1000		5,.200	, 1 • 501D
T 0 1			
LUT	40.UQB	59.UQB	/5.UaB
L10	42.8dB	53.6dB	61.5dB
L20	41.9dB	52.7dB	58.8dB
L30	41.5dB	52.1dB	58.3dB
τ.40	41 0dB	51 6dB	57 6dB
		57.90D	J

L50	40.7dB	51.2dB	56.9dB
L60	40.4dB	50.7dB	56.5dB
L70	40.1dB	50.1dB	56.0dB
L80	39.7dB	49.4dB	55.3dB
L90	39.2dB	48.6dB	54.0dB

Example of the printed results - A5 format

The same report printed in A4 format is presented below:

(C)	SVANTEK	SVAI	ı 953	No.8929	2007/07/12	(v6.04/	6.04.3)	05:45:51
	TITLE:							
	01001							
		SETTING				- SETTIN	GS	
						DETTIN	00	
	Device f	unction	LEVEL M	ETER	LEVEL METER	version	: 6.04	
	Meas. sta	art date	2007/07	/12	Meas. start	hour	: 05:39	:30
	Range		SINGLE		Measure tri	gger	: Off	
	Logger t	rigger	Off		Repeat cycl	e	: 2	
	Start de	lay	ls		Integration	time	: 10 s	
	Calibr.	factor	-0.3 dB	/11	Calibration	by	: Measu	rement
	PMS into	ion date	2007/07	/ 1 1	Calibration	nour	• 12•32	• 48
	KMB IIICE	gracr011	TTIEAL					
	Profile:	#1	#2 #	3	Profile:	#1	#2	#3
	Filter:	A	C Z		Detector:	FAST	FAST	FAST
			- RESULTS					
	Measurem	ent time: 00):00:10					
	Prof.:	#1	#2		#3			
	PEAK	60.6 dB	67.7	dB	79.4 dB			
	MAX	44.7 dB	58.5	dB	73.6 dB			
	MIN	38.2 dB	47.2	dB	53.3 dB			
	SPL	44.1 dB	58.5	dB	62.7 dB			
	LEQ	41.2 dB	51.7	dB	60.6 dB			
	SEL	51.2 QB	61.7	dB dB	70.6 dB			
	TEDY	51.2 QB	61.7 51 7	dB dB	70.6 dB			
	LEPU Ltm3	41.2 UB 44 2 dB	56.0	dB dB	68 8 dB			
	Ltm5	44.6 dB	57.2	dB	71.3 dB			
		0.2	S / • E					
	L01	46.0 dB	59.0	dB	75.0 dB			
	L10	42.8 dB	53.6	dB	61.5 dB			
	L20	41.9 dB	52.7	dB	58.8 dB			
	L30	41.5 dB	52.1	dB	58.3 dB			
	L40	41.0 dB	51.6	dB	57.6 dB			
	L50	40.7 dB	51.2	dB	56.9 dB			
	上60 1.70	40.4 dB	50.7	aB	56.5 dB			
	то То То	4U.1 QB	5U.L	dB dB	56.0 QB			
	<u>100</u> 1.90	39.7 UB 39.2 JB	49.4 10 6	dB	55.5 UB 54 0 dB			
	061	59.2 UB	40.0	чь	J4.0 UB			

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

(C) SV2 2007/07	ANTEK 7/15	SV. (v6.0	AN 4/6	953 .04.3	3)	Nc 06:	0.8929 11:33
TITLE: OCT	FAVE						
		SETTI	NGS				-
Dovrigo	funati	0 n		1/1 0	ז מידייט	75	
Mood			••	2007/	07/1	/만 도	
Meas. Meas	start (start ł	ale	•••	2007/	:00	. 5	
Range	scart i	10u1	• •	SING			
Measure	e triac	aer	:	Off			
Logger	trigge	er	::	Off			
Repeat	cycle.		.:	5			
Start o	delay		.:	1 s			
Integra	ation t	ime	.:	1 mir	1		
Calibr	. iacto	or	• •	-0.4	dB		
Calibra	ation d	Jy	• •	2007	17 effic	5	
Calibra	ation h	nour.		05:46	5:26		
RMS int	tegrati	lon	::	Linea	ir		
Spectru	um filt	er	.:	Z			
Spectru	um in 1	logger	.:	None			
Profile	e:	#1	ŧ	2	#3		
Filter	:	A	C	!	Z		
Detecto	or:	FAST	F	AST	FAS	ST	
		RE	SUL	TS			
Measure	ement t	ime:	00:	01:00)		
Prof.:	#1		#	2		#3	3
PEAK	84.5dE	3	85.	7dB	8	35.9)dB
MAX	72.3dE	3	76.	6dB	7	6.7	/dB
MIN	40.7dE	3	57.	1dB		59.C)dB
SPL	50 4di	5	/1. 65	90B 6dB	, F	2.2	20B 2dB
SEL	77.2dE	3	83.	4dB	6	,, 35.1	dB
Ln	69.4dE	3	75.	6dB	7	7.3	BdB
LEPd	59.4dE	3	65.	6dB	6	57.3	BdB
Ltm3	65.5dE	3	70.	5dB	7	1.8	BdB
Ltm5	66.1dE	3	/0.	УdВ	5	2.2	2dB
L01	70.6dB	3	74.	6dB	7	4.8	BdB
L10	63.6dI	3	68.	9dB	7	10.8	BdB
L20	59.9dE	3	66.	7dB	6	58.7	/dB
L30 T40	5/.10E	5	65. 61	4dB 0dP	6	5/.5	an an
1.50	50 4dF	2	62.	8dB	F	55 2	2dB
L60	48.4dE	3	61.	7dB	E	54.1	.dB
L70	46.8dE	3	60.	7dB	6	53.1	dB
L80	44.6dE	3	59.	7dB	e	52.1	dB
L90	42.5dE	3	58.	9dB	6	51.1	.dB
1/3	1 OCTAN	/E					
[Hz]	[dB]					
31.	5	58.2					
63.0	C	58.8					
125.0	J	57.1 50 7					
500.0	5	50.7 60 5					
1000.0	2	50.3					
2000.0	C	49.6					
4000.0	C	41.5					
8000.0	J	3⊥.5					

```
16000.0 22.0
-- TOTALS FOR FILTERS --
Filter Total
A 59.4 dB A
C 65.6 dB C
Z 67.3 dB
```

Example of the printed results from the 1/1 OCTAVE mode - A5 format

(C) SVANI	TEK SV	/AN 953	No.8929	2007/07/16	(v6.04/	6.04.3)	12:57:43
ጥ ተጥ፣ թ.•							
DOSE3)						
DODESC	, ,						
	SETT	INGS			- SETTIN	GS	
Device fu	inction	: DOSE M	ETER		,	. 10.00	
Meas. sta	irt date.	: 2007/0	//16	Meas. start	nour	· 12:20	:58
Threshold	l level	: None		Exchange ra	evel	· 00 UE : 3 dB	
Exposure	time	: 08h00		Measure tri		: Off	
Logger tr	igger	: Off		Repeat cycl	e	: 1	
Start del	ay	: 1 s		Integration	n time	: 30 mi	n
Calibr. f	actor	: -0.4 di	В	Calibration	n by	: Measu	rement
Calibrati	on date.	: 2007/0	7/16	Calibration	hour	: 12:16	:26
RMS integ	ration	: Linear					
Profile:	#1	#2	#3	Profile:	#1	#2	#3
Filter:	A	C	Z	Detector:	FAST	FAST	FAST
		RESULT	S				
		0.0.1.0.0.0.0					
Measureme	ent time:	00:30:00					
Prof.:	#1	#:	2	#3			
PEAK 1	.17.1 dB	133.) dB	136.5 dB			
MAX 1	12.9 dB	120.	4 dB	126.0 dB			
MIN	34.1 dB	44.	5 dB	50.1 dB			
SPL	42.6 dB	52.	3 dB	57.1 dB			
DOSE	39 %	4	4 %	60 %			
D_8h	617 %	.70	5 %	9.7.7 %			
LAV	07.9 QB	88.	A D A D	80 8 AD			
SEL 1	20 4 dB	00. 121	i dB	122 4 dR			
SEL8 1	.32.4 dB	133	0 dB	134.4 dB			
E	0.12 Pa2	n 0.1	4 Pa2h	0.19 Pa2h			
E_8h	1.93 Pa2	n 2.2	l Pa2h	3.06 Pa2h			
LEPd	87.8 dB	88.	4 dB	89.8 dB			
PSEL	75.8 dB	76.	4 dB	77.8 dB			
Ltm3	88.3 dB	93.	B dB	98.9 dB			
Ltm5	90.4 dB	95.	b dB	100.6 dB			
T-01	64.3 dB	70	4 dB	76.9 dB			
L10	53.5 dB	61.	9 dB	68.4 dB			
L20	49.9 dB	59.	1 dB	65.7 dB			
L30	47.6 dB	57.	3 dB	63.8 dB			
L40	45.9 dB	55.	9 dB	62.4 dB			
L50	44.6 dB	54.	7 dB	61.1 dB			
L60	43.4 dB	53.	6 dB	59.8 dB			
L70	42.2 dB	52.	b dB	58.6 dB			

L90 39.3 dB	50.0 dB	55.5 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.*).



Displays with the confirmation request of the paper ejection

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.

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.



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 <, <, <, <) push-buttons and press the <ENTER>.

1	A REPORT
TITLE PRINT PRINT PRINT OPTION	RESULTS STATISTICS CATALOGUE IS

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:



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.

	PRINTING
Eject page?	Eject page?
VES	NO

Displays with the confirmation request of the paper ejection

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

(C) SVANTEK	SV	AN 953	No.8929
2007/07/12	(v6.04/	6.04.3)	06:00:41
TITLE: 12JUL			
	SETTING	s	
Device funct: LEVEL METER Meas. start of Meas. start of Range Measure trigg Logger trigge Repeat cycle Start delay. Integration of Calibr. facto Calibration of Calibration of Calibration of Calibration of Calibration of Calibration of Calibration of Calibration of Calibration of Calibration of Calibratic	ion: version: date: nour: ger: er: time: time: date: hour:	LEVEL ME 6.04 2007/07/ 05:39:30 SINGLE Off 2 1 s 10s -0.3 dB Measurem 2007/07/ 12:32:48 Linear	TER 12 ent 11
Profile:	#1	#2 #3	

Filter: Detector:	A FAS	C T FAST	Z FAST	
	STATIS	TICS		
Measureme	ent time	: 00:00:2	10	
Profile:	#1	#2	#3	
T.01	[UB A] 46 0	59 0	[UD] 75 0	
L02	45.5	56.5	71.0	
L03	45.0	56.0	69.0	
L04	44.6	55.5	65.0	
L05	44.3	55.0	64.0	
L06	44.0	54.5	63.0	
L07	43.5	54.0	62.6	
т 08 т 09	43.0	53.8	62.3	
цоэ т.10	42.9	53.7	62.0	
L11	42.7	53.5	61.0	
L12	42.6	53.4	60.6	
L13	42.5	53.3	60.3	
L14	42.4	53.2	60.0	
L15	42.3	53.1	59.7	
ЦЦО Т.17	42.2 42 1	53.U 52.9	59.5 59.2	
L18	42.0	52.8	59.0	
L19	42.0	52.8	58.9	
L20	41.9	52.7	58.8	
L21	41.9	52.6	58.8	
L22 T 22	41.8 /1 9	52.6 52.5	58.7	
L24	41.7	52.5	58.6	
L25	41.7	52.4	58.6	
L26	41.6	52.3	58.5	
L27	41.6	52.3	58.5	
L28	41.6 41 E	52.2 E2 1	58.4	
T'30	41.5	52.1	583	
L31	41.4	52.0	58.2	
L32	41.4	52.0	58.2	
L33	41.3	51.9	58.1	
L34 T25	41.3	51.9 E1 0	58.1 50 0	
Ц35 Т.36	41.3	51.0 51.8	58.0	
L37	41.2	51.7	57.9	
L38	41.1	51.7	57.8	
L39	41.1	51.6	57.7	
L40	41.0	51.6	57.6	
1.42	41.0 41.0	51.0 51.5	57.0	
L43	40.9	51.5	57.4	
L44	40.9	51.4	57.3	
L45	40.9	51.4	57.3	
L46	40.8	51.3	57.2	
Ц47 Т.48	40.8 40.8	51.3 51.3	57.1 57 0	
L49	40.7	51.2	57.0	
L50	40.7	51.2	56.9	
L51	40.7	51.1	56.9	
L52	40.6	51.1	56.8	
1153 т Би	40.6	51.0 51 0	56.8 56 7	
цэ4 Ц55	40.5	51.0	56.7	
L56	40.5	50.9	56.6	
L57	40.5	50.8	56.6	
L58	40.5	50.8	56.5	
L59	40.4	50.7	56.5	

L60	40.4	50.7	56.5	
L61	40.4	50.6	56.4	
L62	40.3	50.6	56.4	
L63	40.3	50.5	56.3	
L64	40.3	50.5	56.3	
L65	40.2	50.4	56.2	
L66	40.2	50.3	56.2	
L67	40.2	50.3	56.1	
L68	40.1	50.2	56.1	
L69	40.1	50.2	56.0	
L70	40.1	50.1	56.0	
上/上 エフつ	40.0	50.1	56.0	
上/乙 エフン	40.0	50.0	55.9	
山/3 エフル	40.0	20.0	55.8 EE 7	
11/4 T 75	40.0	49.9	55.7 EE 6	
Ц75 176	39.9	49.0	55.0	
1.77	39.9	49.7	55.0	
1.78	39.0	49.0 49.6	55 4	
1.79	39.0	49 5	55 3	
1.80	39 7	49 4	55 3	
1.81	39.6	49.3	55.2	
1.82	39.6	49.3	55.1	
L83	39.5	49.2	55.0	
L84	39.5	49.1	55.0	
L85	39.4	49.0	54.8	
L86	39.4	49.0	54.6	
L87	39.3	48.9	54.5	
L88	39.3	48.8	54.3	
L89	39.2	48.7	54.1	
L90	39.2	48.6	54.0	
L91	39.1	48.5	53.8	
L92	39.1	48.4	53.7	
L93	39.0	48.3	53.5	
L94	39.0	48.2	53.4	
L95	38.8	48.1	53.2	
L96	38.6	48.0	53.1	
L97	38.4	47.6	53.0	
L98	38.2	47.3	52.0	
L99	38.0	47.0	51.0	

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

5VIII 955	NO.892	29 200	07/07/12	(v6.04/6.04)	05:53:26
TITLE:					
	- SETTING	GS		SETTING	S
Device funct Meas. start Range Logger trigg Start delay Calibr. fact Calibration RMS integrat	tion: date: ger tor date: tion	LEVE 2007 SING 0ff 1 s -0.3 2007 Line	L METER /07/12 LE dB /07/11 ar	LEVEL METER version: Meas. start hour: Measure trigger: Repeat cycle: Integration time: Calibration by: Calibration hour:	6.04 05:39:30 Off 2 10 s Measurement 12:32:48
Profile: Filter:	#1 A	#2 C	#3 Z	Profile: #1 Detector: FAST	#2 #3 FAST FAST

Profile:	# 1	#2	#3	Profile:	±1	#2	#3
I I OI I I C	[dB A]	[dB C]	[dB]	1101110	[dB A]	[db C]	[dB]
L01	46.0	59.0	75.0	L51	40.7	51.1	56.9
L02	45.5	56.5	71.0	L52	40.6	51.1	56.8
L03	45.0	56.0	69.0	L53	40.6	51.0	56.8
L04	44.6	55.5	65.0	L54	40.6	51.0	56.7
L05	44.3	55.0	64.0	L55	40.5	51.0	56.7
L06	44.0	54.5	63.0	L56	40.5	50.9	56.6
L07	43.5	54.0	62.6	L57	40.5	50.8	56.6
L08	43.0	53.8	62.3	L58	40.5	50.8	56.5
L09	42.9	53.7	62.0	L59	40.4	50.7	56.5
L10	42.8	53.6	61.5	L60	40.4	50.7	56.5
L11	42.7	53.5	61.0	L61	40.4	50.6	56.4
L12	42.6	53.4	60.6	L62	40.3	50.6	56.4
L13	42.5	53.3	60.3	L63	40.3	50.5	56.3
L14	42.4	53.2	60.0	L64	40.3	50.5	56.3
L15	42.3	53.1	59.7	L65	40.2	50.4	56.2
L16	42.2	53.0	59.5	L66	40.2	50.3	56.2
L17	42.1	52.9	59.2	L67	40.2	50.3	56.1
L18	42.0	52.8	59.0	L68	40.1	50.2	56.1
L19 1 20	42.0	52.8	58.9	L69	40.1	50.2	56.0
L20 1 21	41.9	52./	58.8	上/U 1 71	40.1	50.1	56.0
	41.9	52.0	58.8	山/上 エフク	40.0	50.1	56.0
	41.8 11 9	52.0 52.5	50.7	山/乙 エフ2	40.0	50.0	55.9
т 2 <i>4</i>	41.0	52.5 52.5	50.7	1173 174	40.0	10.0	55.0
1.25	41.7	52.5	58.6	1.75	30 Q	49.9	55.6
1.26	41 6	52.4	58 5	ц75 т.76	39.9	49.0	55 6
1.27	41 6	52.3	58 5	1.77	39.8	49 6	55 5
1.28	41.6	52.2	58.4	1.78	39.8	49.6	55.4
L29	41.5	52.1	58.3	L79	39.7	49.5	55.3
L30	41.5	52.1	58.3	L80	39.7	49.4	55.3
L31	41.4	52.0	58.2	L81	39.6	49.3	55.2
L32	41.4	52.0	58.2	L82	39.6	49.3	55.1
L33	41.3	51.9	58.1	L83	39.5	49.2	55.0
L34	41.3	51.9	58.1	L84	39.5	49.1	55.0
L35	41.3	51.8	58.0	L85	39.4	49.0	54.8
L36	41.2	51.8	58.0	L86	39.4	49.0	54.6
L37	41.2	51.7	57.9	L87	39.3	48.9	54.5
L38	41.1	51.7	57.8	L88	39.3	48.8	54.3
L39	41.1	51.6	57.7	L89	39.2	48.7	54.1
L40	41.0	51.6	57.6	L90	39.2	48.6	54.0
L41	41.0	51.6	57.6	L91	39.1	48.5	53.8
L42	41.0	51.5	57.5	L92	39.1	48.4	53.7
上43	40.9	51.5	57.4	L93	39.0	48.3	53.5
山44	40.9	51.4	5/.3	L94 TOF	39.0	48.2	53.4
山45 14C	40.9	51.4 E1 2	5/.3 E7 0	ТАР	38.8	48.⊥ 40.0	53.∠ E2 1
山40 エ 4 ワ	40.8	5⊥.3 ⊑1 ว)/.∠ 57 1	ЦУ6 Т О 7	38.6 20 4	48.U	53.1 52 0
Ц4/ тио	40.8	5⊥.3 51 3	5/.⊥ 57 0	/ ער י ער	30.4 20 0	4/.0 /7 0	53.U 52.0
Ц48 т / 0	40.8 10 7	51.5 51 0	57.U	т оо т оо	30.2 20 0	4/.3 17 0	54.U 51 0
149 1.50	40.7	51 2	57.0	לכת	30.0	ч/.О	51.0
лэл	40./	51.2	20.9				

Example of the printed statistics from the DOSE METER mode - format $\mathbf{A4}$

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.



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 <A>, $<\vee>$ (or <<>>) push buttons and press the **<ENTER>**.



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:



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.



Displays with the confirmation request of the paper ejection

The printed catalogue looks as follows:

(C) SVAN	TEK	SVAN	953 N	o.8929	2007/06/0)5 (1	<i>x</i> 6.04/6.	04.1) 1	5:32:31
CATALOGU	E CON	TENTS			Number o	of file	es: 9		
Name	M£	Length	Date	Time	Name	M£	Length	Date	Time
05SEP0	<so></so>	488	07/06/05	08:43	02JUL	<sl></sl>	452	07/06/05	13:01
01JUL	<so></so>	488	07/06/05	13:50	01JUL0	<so></so>	488	07/06/05	14:03
01JUL1	<so></so>	488	07/06/05	14:04	01JUL2	<so></so>	488	07/06/05	14:04
01D	<sd></sd>	452	07/06/05	14:07	01STAT	<sl></sl>	1932	07/06/05	14:43
01STAT0	<sd></sd>	1932	07/06/05	14:58					

Example of the printed catalogue - format A4

The same catalogue in A5 format:

(C) SVAN	TEK	SVAN	953	No.8929
2007/06/	05	(v6.04/6	.04.1)	15:34:42
CATALOGU	E CONT	FENTS		
Number o	f file	es: 9		
Name	Mf	Length	Date	Time
05SEP0	<so></so>	488	07/06/05	5 08:43
02JUL	<sl></sl>	452	07/06/05	5 13:01
01JUL	<so></so>	488	07/06/05	5 13:50
01JUL0	<so></so>	488	07/06/05	5 14:03
01JUL1	<so></so>	488	07/06/05	5 14:04
01JUL2	<so></so>	488	07/06/05	5 14:04
01D	<sd></sd>	452	07/06/05	5 14:07
01STAT	<sl></sl>	1932	07/06/05	5 14:43
01STAT0	<sd></sd>	1932	07/06/05	5 14:58

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.



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 <A>, $<\forall>$ (or <<>, <>>) push-buttons and press the <ENTER>.



REPORT list with the OPTIONS 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.

D OPTIONS	
FORMAT : A4	FORMAT : 95
EJECT P.: None	EJECT P.: None

OPTIONS window; 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.

	OPTIONS	
FORMAT : A4	FORMAT : A4	FORMAT : A4
EJECT P.: None	Eject p.: Promps	EJECT P.: Auto

OPTIONS window; 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.

Eject page? YES	Eject page? NO

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.



Display after a printing when there is not possible to eject a paper