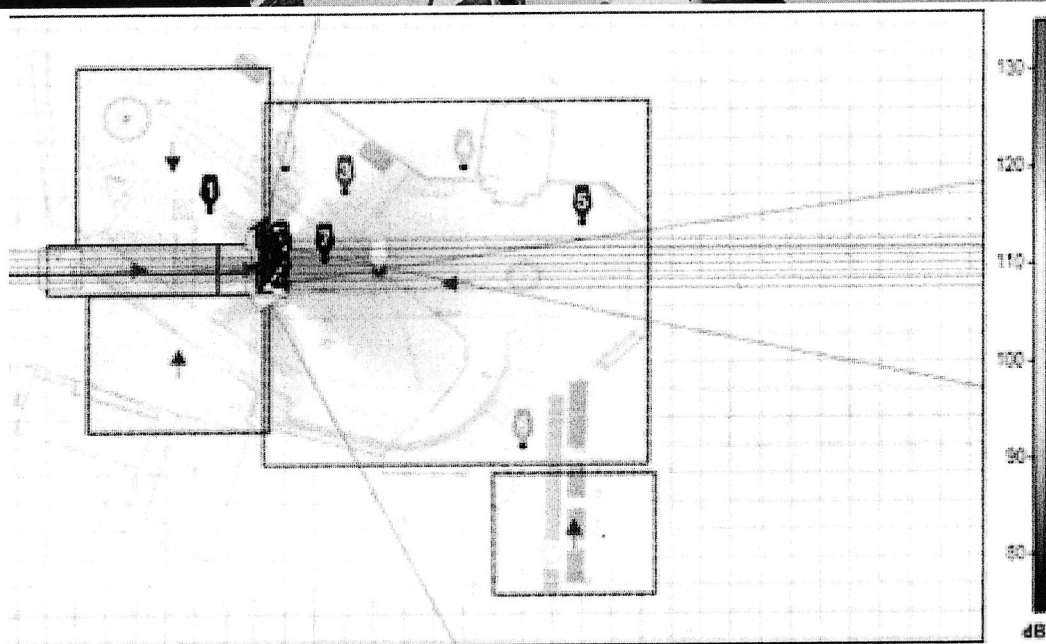
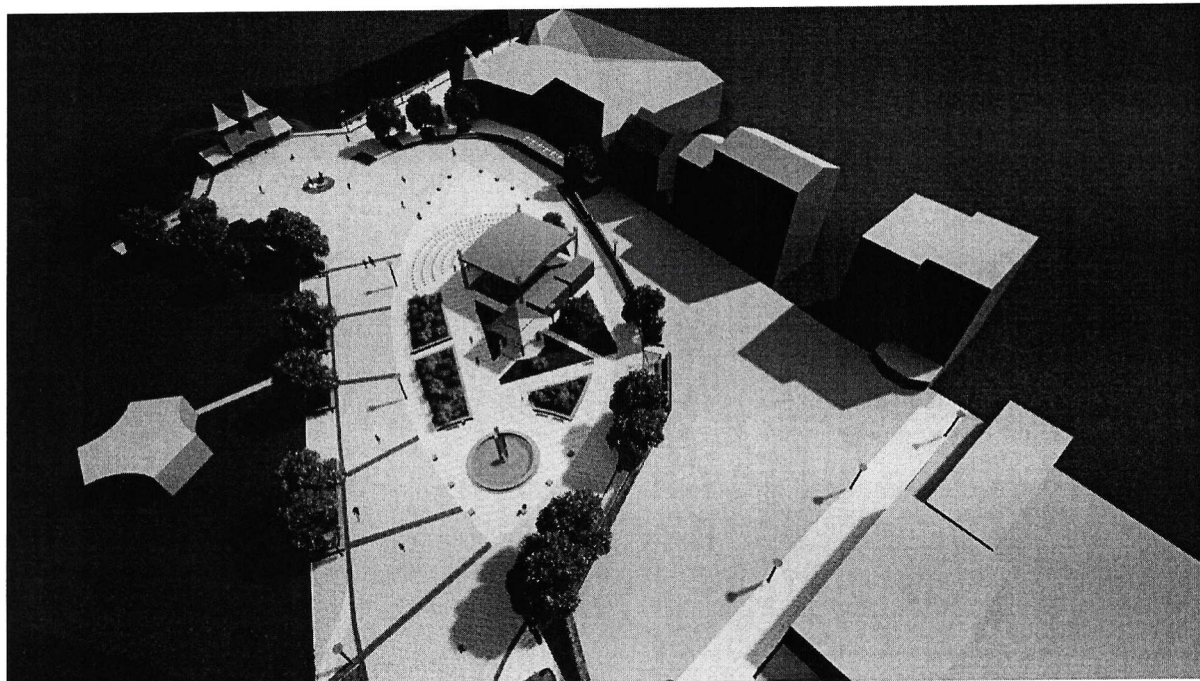


3. számú melléklet:

Hévíz Project 2025

Halász Éva Ügyvezető Igazgató részére



Feladat, a hévízi rendezvényter hangtechnikai kiszolgálása.

Színpadfedés méret 8m x 8m x 6m.

A lesugárzandó terület szerteágazó, oldalról is nézhető, ami odafigyelést igényelt.

A színpad előtti tér 60m x 50m.

A szempontok között fontos helyet kapott, hogy fesztivál szerű üzemre kell számolni, akár nemzetközi fellépőkkel. Valamint elképzelhető párhuzamos rendezvény, akár a Sportcsarnokban, vagy eső helyszínként kell készülni. Valamint kisebb formában is használható legyen.

A termékek a dB Technologies VIO szériából lettek összeállítva, melyek a nemzetközi ridereknek is és a magyarországi vezető produkcióknak is megfelelő.

FRONT hangrendszer:

Top

- 2 x 8 db VIO L1610,
- 16 db ACU-1 kártyával
- 2 db függesztőkerettel, DRK-210
- 2 db kiegészítő, hogy a VIO L208 alá függeszthető legyen. AF-VIO1
- 4 db Touring cart. DT-VIOL210L
- 4 db Transport cover. TC-VIOL210

Sub

- 5 x 2 db VIOS218 sub sugárzó
- 10 db ACU-1 kártyával
- 5 db Dolly. DO-VIOS218
- 5 db Cover. FC-VIOS2

FrontFill (független felhasználásra is alkalmas, cc 1000 főig)

- 2 db VIO X310
- 2 db ACU-1 kártyával
- 2 db függesztő elemmel. VB-3X10
- 2 db esővédő borítással az elektronikára. RC-X3

OutFill (a nagy rendszer alá függeszthető. Független rendszerként alkalmazható, akár a sportcsarnokban, vagy kisebb, de 1000 fő feletti létszám esetén)

- 2 x 6 db VIO L208
- 2 db függesztőkerettel. DRK-208
- 3 db Touring cart. DT-VIOL208
- 3 db Transport cover. TC-VIOL208

A fentiek kábelezése egyenlőre megválaszolandó kérdés.

Színpadi monitorok

- 6 db VIO W15
- 6 db függesztő keret. WB-VIOW15T
- 4 db VIO W10

Rendszerfelügyelet (a rendszerben foglalt összes elem monitorozható és menedzselhető, menthető)

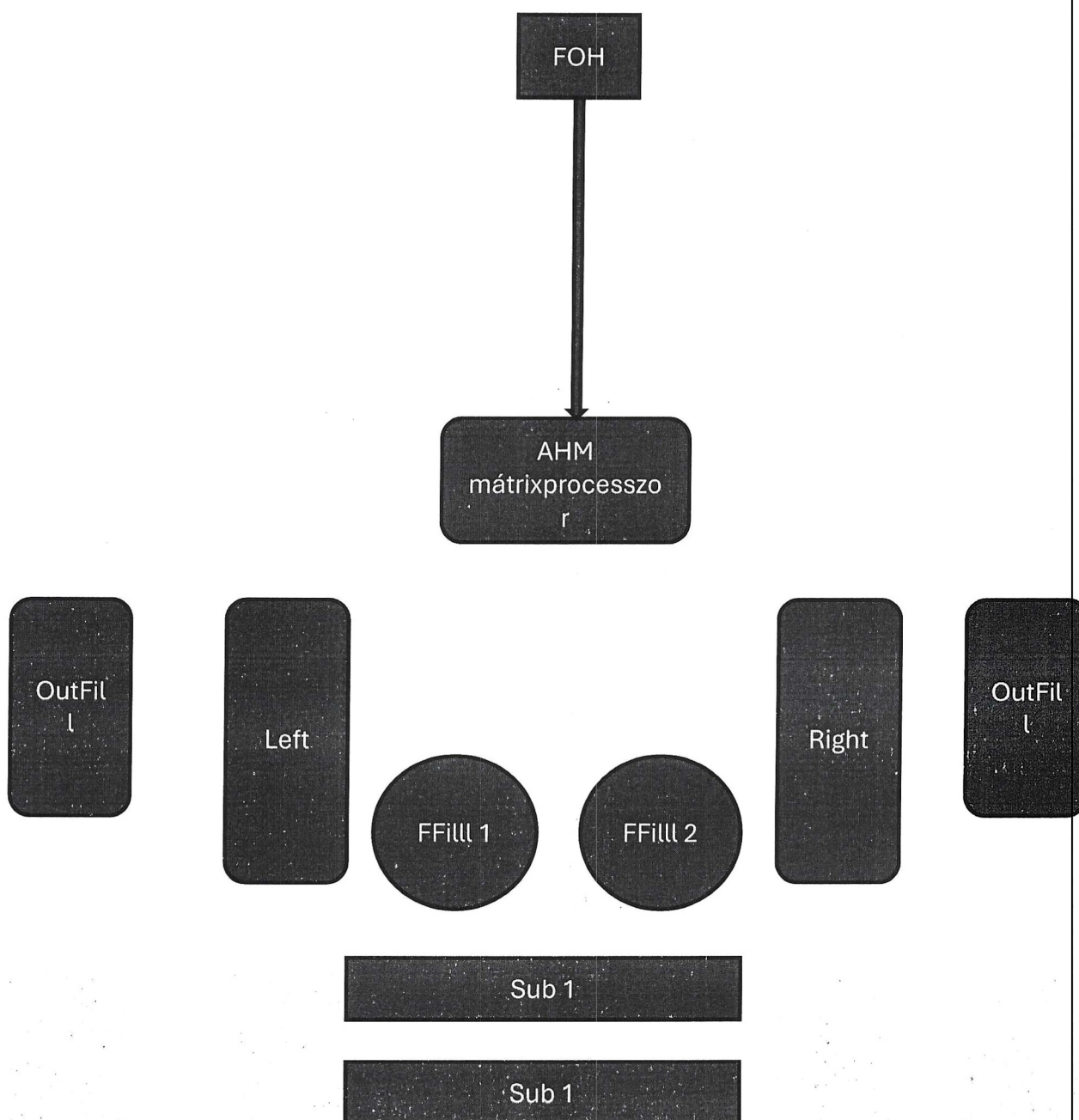
- 2 db Control 24A
- 1 db Control 8

A fenti eszközök rendszerbe foglalásához az A&H termékeket javaslom.

- 1 db A&H AHM64 mátrix processzor. Alkalmas a teljes hangtechnikai rendszer jelútjainak kezelésére. Vendég produkciók esetén is folytonos jelfolyam fenntartására. Ez a processzor keverőként is funkcionál. Kisebb technikai igényű produkciók tablet segítségével keverhetők. A vendég produkciók, különböző formátumú audió jeleit képes párhuzamosan fogadni és akár külön processzálni. Mindezt a folyamatos működés fenntartása mellett.
- 1 db A&H DX012
- 1 db DANTE64x64 kártya
- 1 db MADI kártya

- 1 db SLink kártya
- 1 db A&H SQ5 keverő
- 2 db DX168

Ezekon felül, beszéltünk egyéb hangtechnikai fejlesztésről (mikrofonok, kábelek...stb), de ezek még pontosításra várnak.

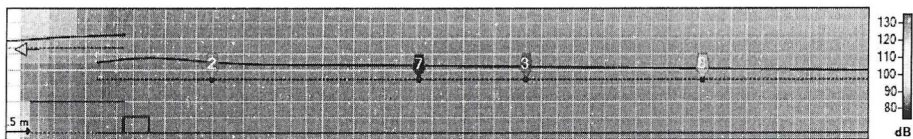
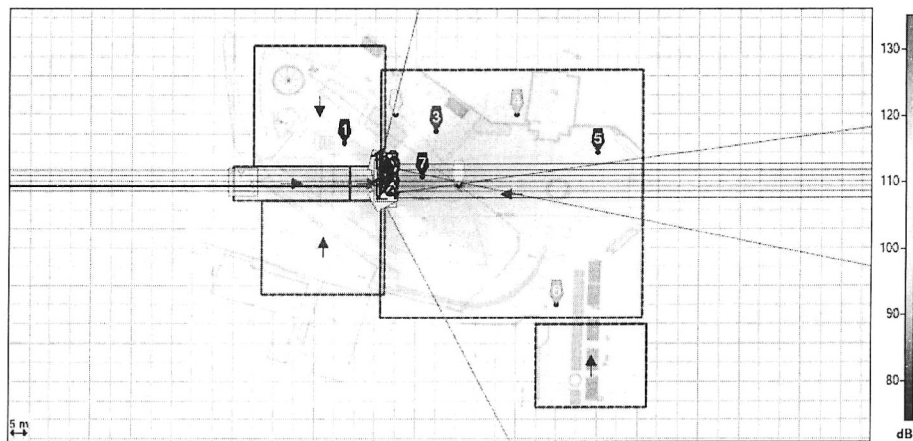


*[Handwritten signature]*



## 1 Project Information

Project Title:	New EASE Focus Project
Date:	Friday, June 27, 2025
Author:	
Temperature:	20.0°C
Pressure:	Standard (1010 hPa)
Humidity:	Standard (60%)
Mapping:	63 Hz (1/3 Octave) - No Weighting



Side View: Vio S218 2 1

*Handwritten signature*

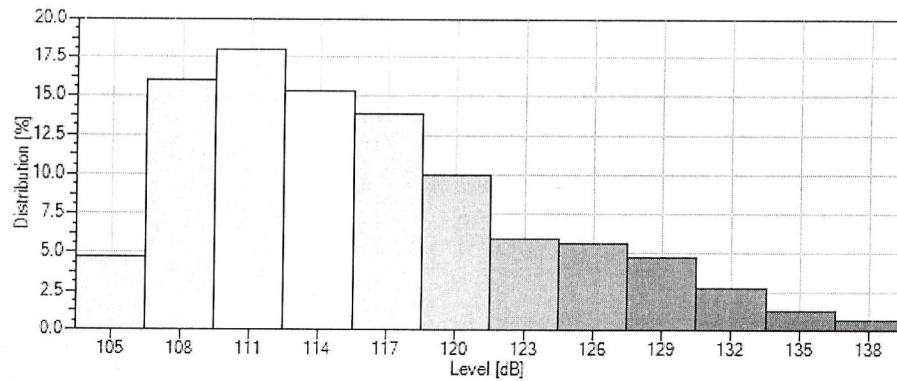


## 2 Sound Sources

	Label	Type	System	X [m]	Y [m]	Z [m]	Hor [°]	Ver [°]	Rot [°]
1	Vio L208	Line Array	Vio L208	36.20	6.48	6.00	75.9	-9.3	0.0
2	Vio L208 1	Line Array	Vio L208	36.50	-2.32	6.00	-61.7	-6.8	0.0
3	Vio S218	Loudspeaker	Vio S218	38.00	1.84	0.00	0.0	0.0	0.0
4	Vio S218 1	Loudspeaker	Vio S218	37.19	1.82	0.55	180.0	0.0	0.0
5	Vio S218 1 1	Loudspeaker	Vio S218	37.20	0.60	0.55	180.0	0.0	0.0
6	Vio S218 1 1	Loudspeaker	Vio S218	37.20	3.12	0.55	180.0	0.0	0.0
7	Vio S218 1 1	Loudspeaker	Vio S218	37.20	-0.69	0.55	180.0	0.0	0.0
8	Vio S218 1 1	Loudspeaker	Vio S218	37.20	4.47	0.55	180.0	0.0	0.0
9	Vio S218 2	Loudspeaker	Vio S218	38.00	3.11	0.00	0.0	0.0	0.0
10	Vio S218 2 1	Loudspeaker	Vio S218	38.00	4.47	0.00	0.0	0.0	0.0
11	Vio S218 2 1	Loudspeaker	Vio S218	38.00	0.60	0.00	0.0	0.0	0.0
12	Vio S218 2 1	Loudspeaker	Vio S218	38.00	-0.69	0.00	0.0	0.0	0.0
13	Vio Series	Line Array	Vio Series	37.79	6.00	6.00	0.0	-3.7	0.0
14	Vio Series 1	Line Array	Vio Series	37.79	-2.20	6.00	0.0	-3.7	0.0
15	Vio X310	Loudspeaker	Vio X310	37.00	5.44	1.90	-11.6	0.0	0.0
16	Vio X310 1	Loudspeaker	Vio X310	37.00	-1.49	1.90	7.9	0.0	0.0

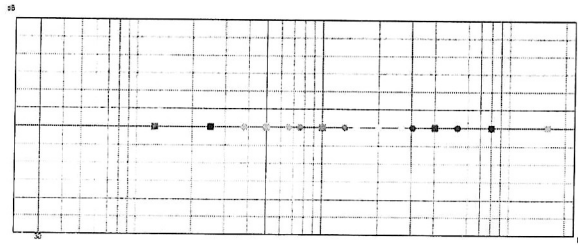
## 3 Distribution

Average: 116.0 dB  $\pm$  7.6  
 Average - Std. Dev.: 108.4 dB  
 Average + Std. Dev.: 123.6 dB



## 4 Global Filter

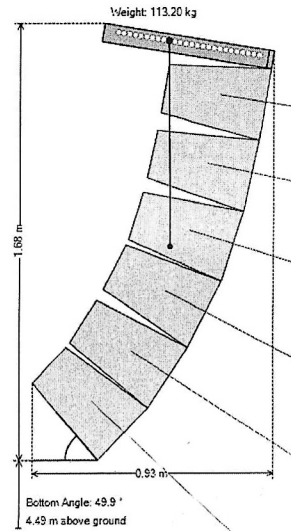
Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal



	Filter Type	Frequency	Gain / Slope	Q Factor
No Active Filters				

## 5 Sound Source - Vio L208

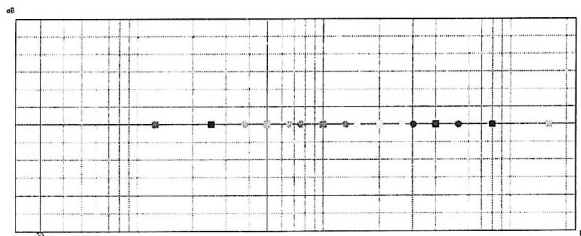
System: Vio L208  
 Company: dBTechnologies  
 Label: Vio L208  
 Position: X=36.20 m  
           Y=6.48 m  
           Z=6.00 m  
 Orientation: Hor=75.9°  
               Ver=-9.3°  
 Weight: 113.20 kg  
 Setup: DRK-208  
 Box Count: 6  
 Pinpoint Mode: Best Pinpoint  
 Pinpoint Number: 17  
 Remaining Vertical Angle: 0.5°  
 Bottom Angle: 49.9°  
 Above Ground: 4.49 m



	Box Type (Frame)	Gain	Rigging Angle	Aiming Angle
Box 1	VIO L208	0.0 dB	0	-9.3°
Box 2	VIO L208	0.0 dB	3	-12.3°
Box 3	VIO L208	0.0 dB	5	-17.3°
Box 4	VIO L208	0.0 dB	10	-27.3°
Box 5	VIO L208	0.0 dB	6	-33.3°
Box 6	VIO L208	0.0 dB	10	-43.3°

	Box Type (Frame)	Input Configuration	Input Types
Box 1	VIO L208	VIO L208	Preset: A3
Box 2	VIO L208	VIO L208	Preset: A3
Box 3	VIO L208	VIO L208	Preset: A3
Box 4	VIO L208	VIO L208	Preset: A3
Box 5	VIO L208	VIO L208	Preset: A2
Box 6	VIO L208	VIO L208	Preset: A2

Filter Status: Active  
 Gain: 0.0 dB  
 Delay: 0.000 ms  
 Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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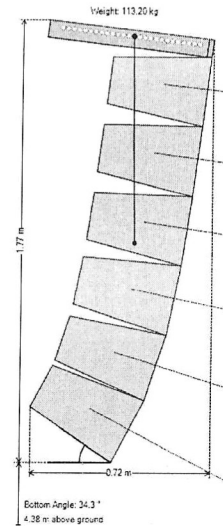


Status  
No messages



## 6 Sound Source - Vio L208 1

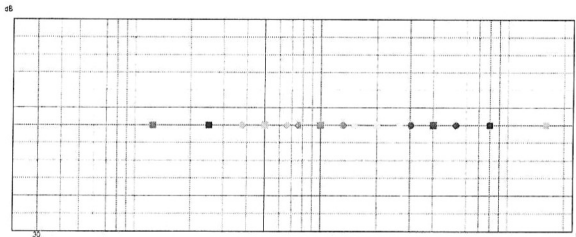
System: Vio L208  
 Company: dBTechnologies  
 Label: Vio L208 1  
 Position: X=36.50 m  
           Y=-2.32 m  
           Z=6.00 m  
 Orientation: Hor=-61.7°  
               Ver=-6.8°  
 Weight: 113.20 kg  
 Setup: DRK-208  
 Box Count: 6  
 Pinpoint Mode: Best Pinpoint  
 Pinpoint Number: 13  
 Remaining Vertical Angle: 0.7°  
 Bottom Angle: 34.3 °  
 Above Ground: 4.38 m



	Box Type (Frame)	Gain	Rigging Angle	Aiming Angle
Box 1	VIO L208	0.0 dB	0	-6.8°
Box 2	VIO L208	0.0 dB	1	-7.8°
Box 3	VIO L208	0.0 dB	1	-8.8°
Box 4	VIO L208	0.0 dB	3	-11.8°
Box 5	VIO L208	0.0 dB	6	-17.8°
Box 6	VIO L208	0.0 dB	10	-27.8°

	Box Type (Frame)	Input Configuration	Input Types
Box 1	VIO L208	VIO L208	Preset: A3
Box 2	VIO L208	VIO L208	Preset: A3
Box 3	VIO L208	VIO L208	Preset: A3
Box 4	VIO L208	VIO L208	Preset: A3
Box 5	VIO L208	VIO L208	Preset: A2
Box 6	VIO L208	VIO L208	Preset: A2

Filter Status: Active  
 Gain: 0.0 dB  
 Delay: 0.000 ms  
 Polarity: Normal



Filter Type	Frequency	Gain / Slope	Q Factor
No Active Filters			

Status  
No messages



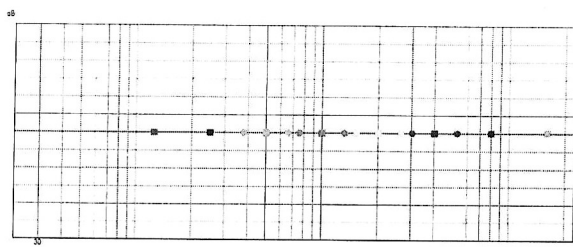


## 7 Sound Source - Vio S218

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218  
Position: X=38.00 m  
Y=1.84 m  
Z=0.00 m  
Orientation: Ver=0.0°  
Hor=0.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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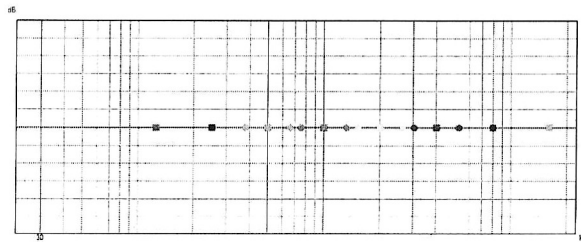
Status  
No messages

## 8 Sound Source - Vio S218 1

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 1  
Position: X=37.19 m  
Y=1.82 m  
Z=0.55 m  
Orientation: Ver=0.0°  
Hor=180.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 6.500 ms  
Polarity: Inverted



Filter Type	Frequency	Gain / Slope	Q Factor
No Active Filters			

Status  
No messages

## 9 Sound Source - Vio S218 1 1

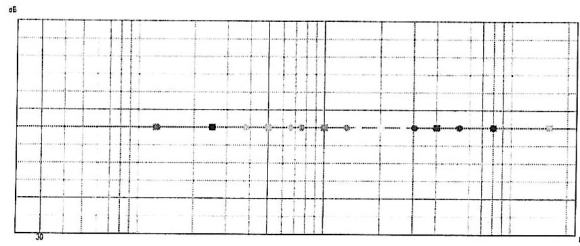
System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 1 1  
Position: X=37.20 m  
Y=0.60 m  
Z=0.55 m  
Orientation: Ver=0.0°  
Hor=180.0°  
Rot=0.0°

Box Type  
VIO S218

Input Configuration  
VioS218

Input Types  
Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 9.500 ms  
Polarity: Inverted



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages

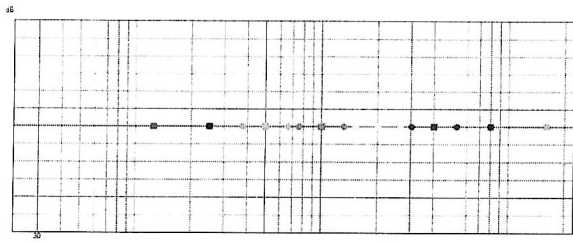


**10 Sound Source - Vio S218 1 1**

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 1 1  
Position: X=37.20 m  
Y=3.12 m  
Z=0.55 m  
Orientation: Ver=0.0°  
Hor=180.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 9.500 ms  
Polarity: Inverted



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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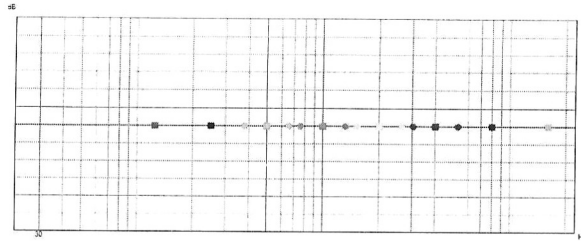
Status  
No messages

## 11 Sound Source - Vio S218 1 1

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 1 1  
Position: X=37.20 m  
Y=-0.69 m  
Z=0.55 m  
Orientation: Ver=0.0°  
Hor=180.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 9.500 ms  
Polarity: Inverted



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages



## 12 Sound Source - Vio S218 1 1

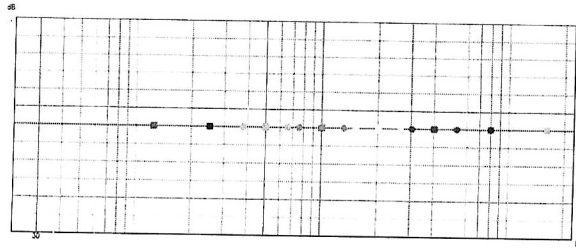
System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 1 1  
Position: X=37.20 m  
Y=4.47 m  
Z=0.55 m  
Orientation: Ver=0.0°  
Hor=180.0°  
Rot=0.0°

Box Type  
VIO S218

Input Configuration  
VioS218

Input Types  
Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 9.500 ms  
Polarity: Inverted



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
Status No messages				



### 13 Sound Source - Vio S218 2

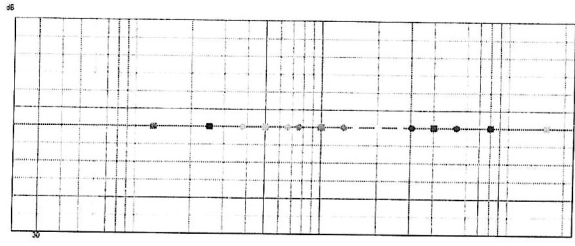
System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 2  
Position: X=38.00 m  
Y=3.11 m  
Z=0.00 m  
Orientation: Ver=0.0°  
Hor=0.0°  
Rot=0.0°

Box Type  
VIO S218

Input Configuration  
VioS218

Input Types  
Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 3.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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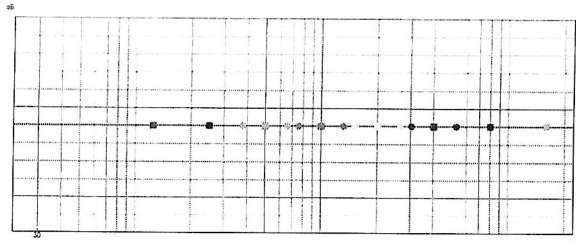
Status  
No messages

## 14 Sound Source - Vio S218 2 1

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 2 1  
Position: X=38.00 m  
Y=4.47 m  
Z=0.00 m  
Orientation: Ver=0.0°  
Hor=0.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 3.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages

## 15 Sound Source - Vio S218 2 1

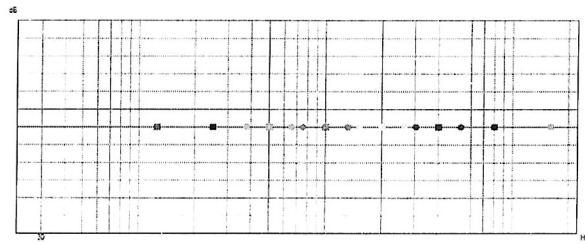
System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 2 1  
Position: X=38.00 m  
Y=0.60 m  
Z=0.00 m  
Orientation: Ver=0.0°  
Hor=0.0°  
Rot=0.0°

Box Type  
VIO S218

Input Configuration  
VioS218

Input Types  
Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 3.000 ms  
Polarity: Normal



No Active Filters

Filter Type

Frequency

Gain / Slope

Q Factor

Status

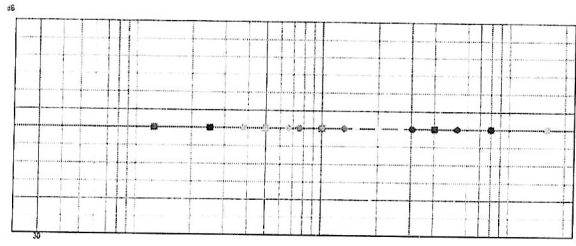
No messages

**16 Sound Source - Vio S218 2 1**

System: Vio S218  
Company: dBTechnologies  
Label: Vio S218 2 1  
Position: X=38.00 m  
Y=-0.69 m  
Z=0.00 m  
Orientation: Ver=0.0°  
Hor=0.0°  
Rot=0.0°

Box Type	Input Configuration	Input Types
VIO S218	VioS218	Preset: 60

Filter Status: Active  
Gain: 0.0 dB  
Delay: 3.000 ms  
Polarity: Normal

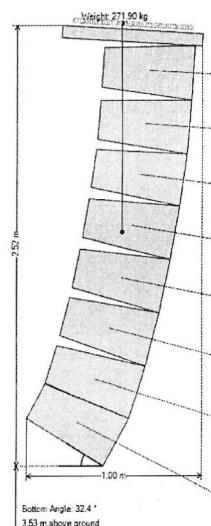


No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages

## 17 Sound Source - Vio Series

System: Vio Series  
 Company: dBTechnologies  
 Label: Vio Series  
 Position: X=37.79 m  
 Y=6.00 m  
 Z=6.00 m  
 Orientation: Hor=0.0°  
 Ver=-3.7°  
 Weight: 271.90 kg  
 Setup: DRK-210 FF  
 Box Count: 8  
 Pinpoint Mode: Best Pinpoint  
 Pinpoint Number: 15-16F  
 Remaining Vertical Angle: 0.2°  
 Bottom Angle: 32.4°  
 Above Ground: 3.53 m

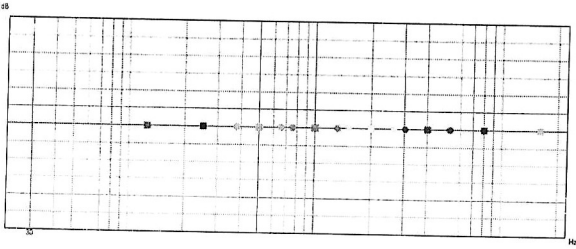


	Box Type (Frame)	Gain	Rigging Angle	Aiming Angle
Box 1	VIO 1610	0.0 dB	0	-3.7°
Box 2	VIO 1610	0.0 dB	1	-3.7°
Box 3	VIO 1610	0.0 dB	3	-4.7°
Box 4	VIO 1610	0.0 dB	2	-7.7°
Box 5	VIO 1610	0.0 dB	2	-9.7°
Box 6	VIO 1610	0.0 dB	3	-11.7°
Box 7	VIO 1610	0.0 dB	3	-14.7°
Box 8	VIO 1610	0.0 dB	10	-17.7°

	Box Type (Frame)	Input Configuration	Input Types
Box 1	VIO 1610	VIO L1610	Preset: B5
Box 2	VIO 1610	VIO L1610	Preset: B4
Box 3	VIO 1610	VIO L1610	Preset: B4
Box 4	VIO 1610	VIO L1610	Preset: B3
Box 5	VIO 1610	VIO L1610	Preset: B3
Box 6	VIO 1610	VIO L1610	Preset: B3
Box 7	VIO 1610	VIO L1610	Preset: B2
Box 8	VIO 1610	VIO L1610	Preset: B2



Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal

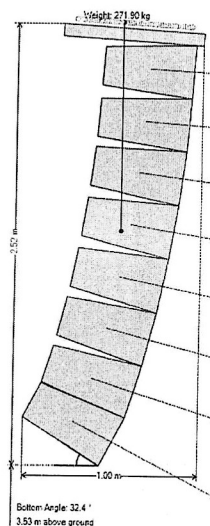


No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages

## 18 Sound Source - Vio Series 1

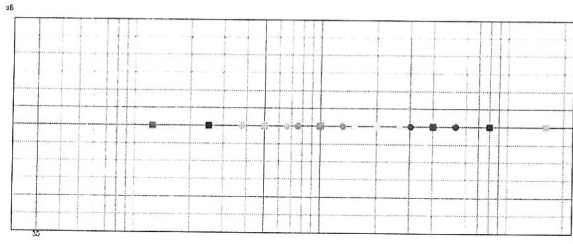
System: Vio Series  
 Company: dBTechnologies  
 Label: Vio Series 1  
 Position: X=37.79 m  
           Y=-2.20 m  
           Z=6.00 m  
 Orientation: Hor=0.0°  
               Ver=-3.7°  
 Weight: 271.90 kg  
 Setup: DRK-210 FF  
 Box Count: 8  
 Pinpoint Mode: Best Pinpoint  
 Pinpoint Number: 15-16F  
 Remaining Vertical Angle: 0.2°  
 Bottom Angle: 32.4°  
 Above Ground: 3.53 m



	Box Type (Frame)	Gain	Rigging Angle	Aiming Angle
Box 1	VIO 1610	0.0 dB	0	-3.7°
Box 2	VIO 1610	0.0 dB	1	-3.7°
Box 3	VIO 1610	0.0 dB	3	-4.7°
Box 4	VIO 1610	0.0 dB	2	-7.7°
Box 5	VIO 1610	0.0 dB	2	-9.7°
Box 6	VIO 1610	0.0 dB	3	-11.7°
Box 7	VIO 1610	0.0 dB	3	-14.7°
Box 8	VIO 1610	0.0 dB	10	-17.7°

	Box Type (Frame)	Input Configuration	Input Types
Box 1	VIO 1610	VIO L1610	Preset: B5
Box 2	VIO 1610	VIO L1610	Preset: B4
Box 3	VIO 1610	VIO L1610	Preset: B4
Box 4	VIO 1610	VIO L1610	Preset: B3
Box 5	VIO 1610	VIO L1610	Preset: B3
Box 6	VIO 1610	VIO L1610	Preset: B3
Box 7	VIO 1610	VIO L1610	Preset: B2
Box 8	VIO 1610	VIO L1610	Preset: B2

Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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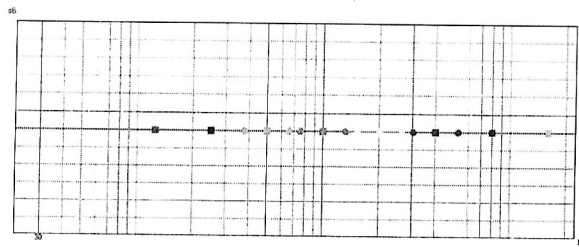
Status  
No messages

*W*

## 19 Sound Source - Vio X310

System: Vio X310  
Company: dBTechnologies  
Label: Vio X310  
Position: X=37.00 m  
Y=5.44 m  
Z=1.90 m  
Orientation: Ver=0.0°  
Hor=-11.6°  
Rot=0.0°

Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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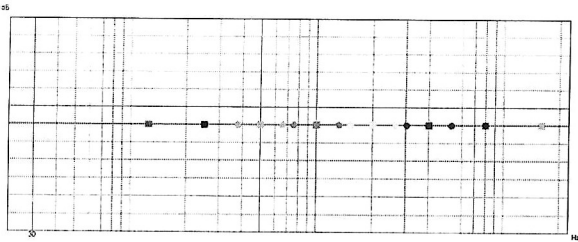
Status  
No messages



20 Sound Source - Vio X310 1

System: Vio X310  
Company: dBTechnologies  
Label: Vio X310 1  
Position: X=37.00 m  
Y=-1.49 m  
Z=1.90 m  
Orientation: Ver=0.0°  
Hor=7.9°  
Rot=0.0°

Filter Status: Active  
Gain: 0.0 dB  
Delay: 0.000 ms  
Polarity: Normal



No Active Filters	Filter Type	Frequency	Gain / Slope	Q Factor
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Status  
No messages

*Handwritten signature*



## 21 Audience Zone - Audience Zone

Label: Audience Zone  
Shape: Rectangle

Label	Length	Ear Height
Audience Area 1	64.81 m	1.70 m (Standing)

---

Audience Area 1

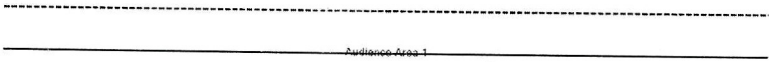
---



22 Audience Zone - Audience Zone 1

Label: Audience Zone 1  
Shape: Rectangle

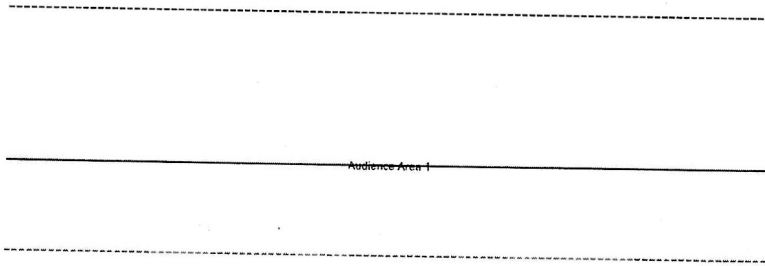
Label	Length	Ear Height
Audience Area 1	21.72 m	1.20 m (Sitting)



## 23 Audience Zone - Audience Zone 2

Label: Audience Zone 2  
Shape: Rectangle

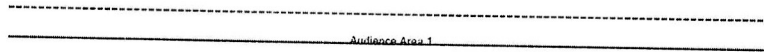
Label	Length	Ear Height
Audience Area 1	8.50 m	1.70 m (Standing)



## 24 Audience Zone - Audience Zone 3

Label: Audience Zone 3  
Shape: Rectangle

Label	Length	Ear Height
Audience Area 1	31.50 m	1.20 m (Sitting)

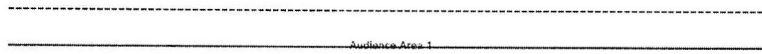


A handwritten signature or mark in blue ink, located in the bottom right corner of the page.

## 25 Audience Zone - Audience Zone 4

Label: Audience Zone 4  
Shape: Rectangle

Label	Length	Ear Height
Audience Area 1	24.67 m	1.20 m (Sitting)



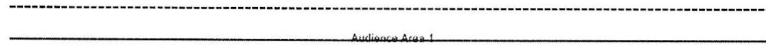
A handwritten blue mark, possibly a signature or initials, located at the bottom right of the page.



## 26 Audience Zone - Audience Zone 5

Label: Audience Zone 5  
Shape: Rectangle

Label	Length	Ear Height
Audience Area 1	28.71 m	1.20 m (Sitting)



A handwritten signature or mark in blue ink, located in the bottom right corner of the page.

## 27 Receivers

	X	Y	Z
Receiver 1	27.35 m	12.47 m	1.20 m
	40.00 m	20.00 m	1.70 m
Receiver 3	50.00 m	15.70 m	1.70 m
Receiver 4	70.00 m	20.00 m	1.70 m
Receiver 5	90.00 m	10.00 m	1.70 m
Receiver 6	80.00 m	-30.00 m	1.70 m
Receiver 7	46.58 m	3.66 m	1.70 m
	55.61 m	1.43 m	1.70 m

