## JBL Line Array Calculator II Copyright © 2010-2013 JBL Professional by HARMAN

Single Point Suspend: N  Atta  Top Frame to Box #1: 2  Box #1 to Box #2: 2  Box #2 to Box #3: 2  Box #3 to Box #4: 3  Box #4 to Box #5: 2  Box #5 to Box #6: 2  Box #6 to Box #7: 3	Top Frame Ty Ext. Bar Attachme Bottom Frame Ty Top Box Sight An Bottom Box Sight An Box Box Box Box Box Box Box Box	ent: 1 //pe: V25-PB (EB) gle: 1.1° gle: -58.9°  #1: VTX V25-CS #2: VTX V25-CS VTX V25-CS	Total Array Size: Total Array Depth: Front Point Load at Trim: Rear Point Load at Trim: Total Weight: Attachment Span: Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachment 1110 987654	1181 lbs 1672 lbs 2853 lbs 4.0 ft 55.0 ft 37.4 ft
Front/Single Attach Point: 1 ear/Bottom Attachment Point: 1 Reverse Top Frame: N Single Point Suspend: N  Atta  Top Frame to Box #1: 2 Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Top Frame Ty Ext. Bar Attachme Bottom Frame Ty Top Box Sight An Bottom Box Sight An Box Box Box Box Box Box Box Box	#1: VTX V25-CS VTX V25-CS VTX V25-CS	Front Point Load at Trim: Rear Point Load at Trim: Total Weight: Attachment Span: Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachment 1110 987654	1181 lbs 1672 lbs 2853 lbs 4.0 ft 55.0 ft 37.4 ft
Front/Single Attach Point: 1 ear/Bottom Attachment Point: 1 Reverse Top Frame: N Single Point Suspend: N  Atta  Top Frame to Box #1: 2 Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Top Frame Ty Ext. Bar Attachme Bottom Frame Ty Top Box Sight An Bottom Box Sight An Box Box Box Box Box Box Box Box	#1: VTX V25-CS VTX V25-CS VTX V25-CS	Rear Point Load at Trim: Total Weight: Attachment Span: Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachment 1110 987654	1672 lbs 2853 lbs 4.0 ft 55.0 ft 37.4 ft
rear/Bottom Attachment Point:  Reverse Top Frame:  Single Point Suspend:  N  Atta  Top Frame to Box #1:  Box #1 to Box #2:  Box #2 to Box #3:  Box #3 to Box #4:  Box #4 to Box #5:  Box #5 to Box #6:  Box #6 to Box #7:	Ext. Bar Attachmond Bottom Frame Ty Top Box Sight An Bottom Box Sight An Box Box Box Box Box Box Box Box Box	#1: VTX V25-CS VTX V25-CS VTX V25-CS	Total Weight: Attachment Span: Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachment 1110 9 8 7 6 5 4 1	2853 lbs 4.0 ft 55.0 ft 37.4 ft
rear/Bottom Attachment Point:  Reverse Top Frame:  Single Point Suspend:  N  Atta  Top Frame to Box #1:  Box #1 to Box #2:  Box #2 to Box #3:  Box #3 to Box #4:  Box #4 to Box #5:  Box #5 to Box #6:  Box #6 to Box #7:	Bottom Frame Ty Top Box Sight An Bottom Box Sight An Box	/pe: V25-PB (EB)  gle: 1.1°  gle: -58.9°  #1: VTX V25-CS  #2: VTX V25-CS  VTX V25-CS	Total Weight: Attachment Span: Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachment 1110 9 8 7 6 5 4 1	2853 lbs 4.0 ft 55.0 ft 37.4 ft
Reverse Top Frame: N Single Point Suspend: N  Atta  Top Frame to Box #1: 2 Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Top Box Sight An Bottom Box Sight An achment Points: Upper Pin 2 Box 2 Box 2 Box 3 Box 2 Box 3 Box 5 Box 6 Box 8 Box 8 Box 9 Box	gle: 1.1° gle: -58.9°  #1: VTX V25-CS #2: VTX V25-CS VTX V25-CS	Attachment Span:  Highest Point Elevation:  Elevation to Bottom of Array:  Top Frame Attachment  1110  9 8 7 6 5 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4.0 ft  55.0 ft  37.4 ft  ent Location
Single Point Suspend: N  Atta  Top Frame to Box #1: 2  Box #1 to Box #2: 2  Box #2 to Box #3: 2  Box #3 to Box #4: 3  Box #4 to Box #5: 2  Box #5 to Box #6: 2  Box #6 to Box #7: 3	Bottom Box Sight An achment Points:  Upper Pin 2 Box 2	#1: VTX V25-CS VTX V25-CS VTX V25-CS	Highest Point Elevation: Elevation to Bottom of Array:  Top Frame Attachments  1110 9 8 7 6 5 4 3	55.0 ft 37.4 ft ent Location
Atta  Top Frame to Box #1: 2  Box #1 to Box #2: 2  Box #2 to Box #3: 2  Box #3 to Box #4: 3  Box #4 to Box #5: 2  Box #5 to Box #6: 2  Box #6 to Box #7: 3	Box	#1: VTX V25-CS #2: VTX V25-CS VTX V25-CS	Top Frame Attachmo	37.4 ft
Top Frame to Box #1: 2 Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Upper Pin  2 Box 2 Box 2 Box 3 Box Box Box	#2: VTX V25-CS #3: VTX V25-CS	Top Frame Attachme 1110 9 8 7 6 5 4 3	ent Location
Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Box 2 Box 2 Box 3 Box Box Box Box Box Box	#2: VTX V25-CS #3: VTX V25-CS	1110 987654	
Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	2 Box 2 Box 3 Box Box	#2: VTX V25-CS #3: VTX V25-CS	1110 987654	
Box #1 to Box #2: 2 Box #2 to Box #3: 2 Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	2 Box 2 Box 3 Box Box	#3: VTX V25-CS	(*************************************	3 2 1
Box #3 to Box #4: 3 Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Box Box			
Box #4 to Box #5: 2 Box #5 to Box #6: 2 Box #6 to Box #7: 3	Box	#4: VTX V25-CS	<b>     </b>	• • •
Box #5 to Box #6: 2 Box #6 to Box #7: 3			(*) ·····	
Box #6 to Box #7: 3		#5: VTX V25-CS		
	<sup>2</sup> ∣ Box	#6: VTX V25-CS	<u> </u>	<u> </u>
- "-· - "o	Вох	#7: VTX V25-CS		
Box #7 to Box #8:   2	2 Box	#8: VTX V25-CS		
Box #8 to Box #9: 3	Box	#9: VTX V25-CS		
Box #9 to Box #10: 4	4 Box #	<b>#10:</b> VTX V25-CS		
Box #10 to Box #11: 7	7 Box #	<b>#11:</b> VTX V25-CS		
Box #11 to Box #12:	10 <b>Box</b> #	<b>#12:</b> VTX V25-CS		
Box #12 to Box #13:	10 <b>Box</b> #	<b>#13:</b> VTX V25-CS		
Box #13 to Box #14:	10 <b>Box</b> #	<b>#14:</b> VTX V25-CS		
Box #14 to Box #15:	Box #	<b>‡15</b> :		
Box #15 to Box #16:	Box #	<b>#16:</b>		$\longrightarrow$
Box #16 to Box #17:	Box #	<b>‡17:</b>		$\rightarrow$
Box #17 to Box #18:	Box #	<b>‡18</b> :		$\downarrow$
Box #18 to Box #19:	Box #	<b>#19</b> :		
Box #19 to Box #20:	Box #	<b>‡20</b> :	<b>1</b>	7
Box #20 to Box #21:	Box #	<b>‡21</b> :		
Box #21 to Box #22:	Box #	<b>‡22</b> :		
Box #22 to Box #23:	Box #	<b>‡23</b> :		
Box #23 to Box #24:	Box #	<b>‡24</b> :		
Last Box to Bottom Frame:				
* Pin rear hinge l	bar in top V25-CS cabinet at 2 degree po	sition		
Notes:				

Double - point suspension with even load distribution on array frame is recommended for minimized risk. ANSI Standard E1.8-2005 (LOUDSPEAKER ENCLOSURES INTENDED FOR OVERHEAD SUSPENSION), Section 5.3.4 specifies minimum 5:1 design factor. Consult a qualified rigger.