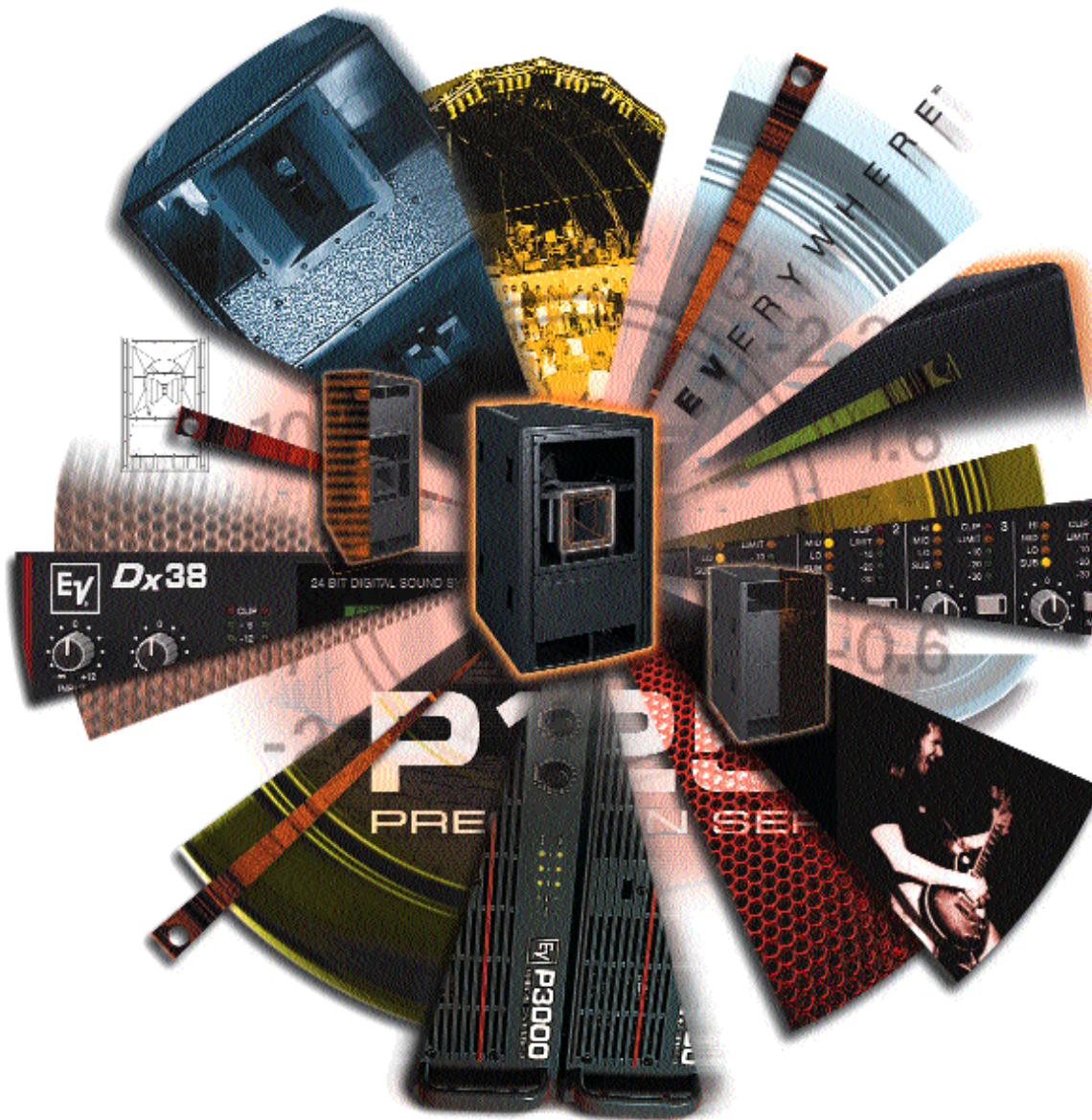




X-Array Xi Series

System Applications

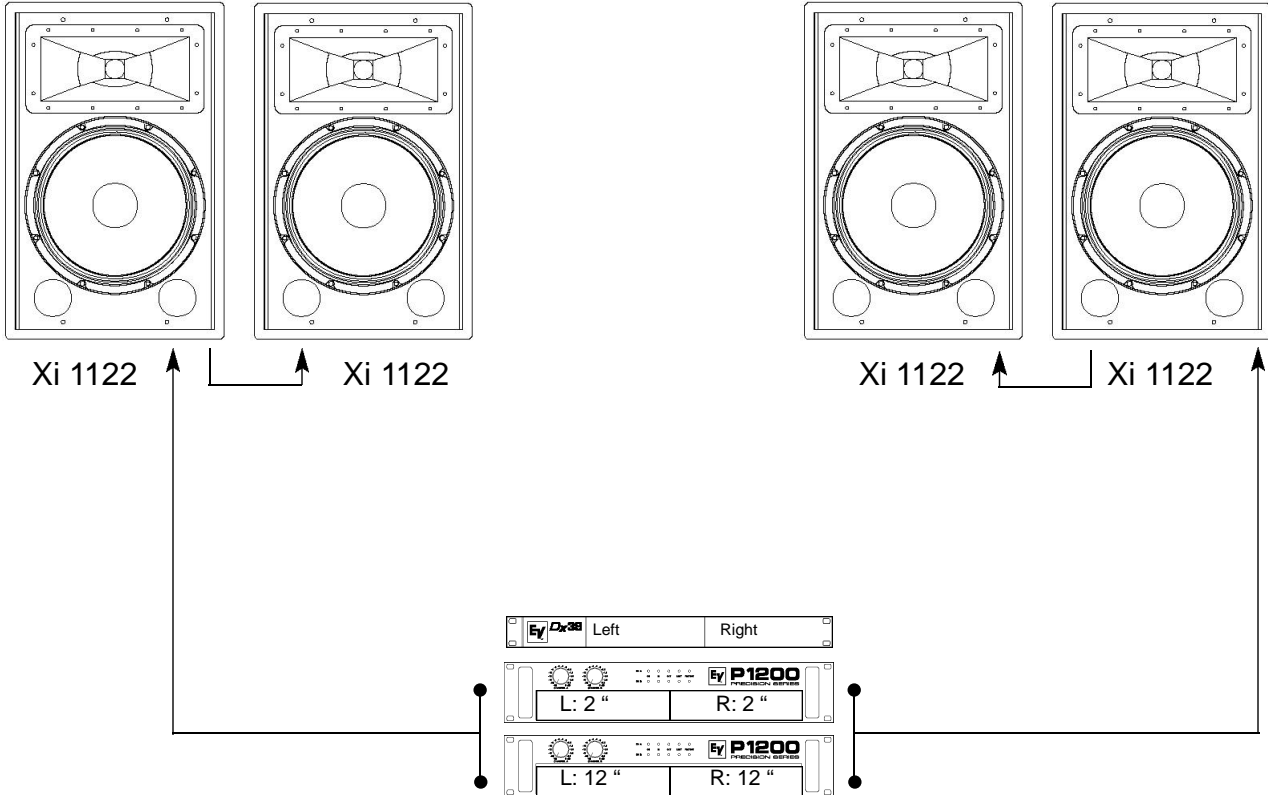


EVERYWHERE™



1.1 2-Way Stereo

Industrial Presentations, Side-Fill, Near-Fill



Equipment		Capacity	
Cabinets:	4 x Xi 1122/85	Horizontal coverage:	2 x 120°-150°
Amps:	2 x P 1200	Average distance:	20-25 meters
Cabeling:	2 x NL4 long, 2 x NL4 short/long	Total amp. power:	1,600 Watts cont.
Dx38:	1		

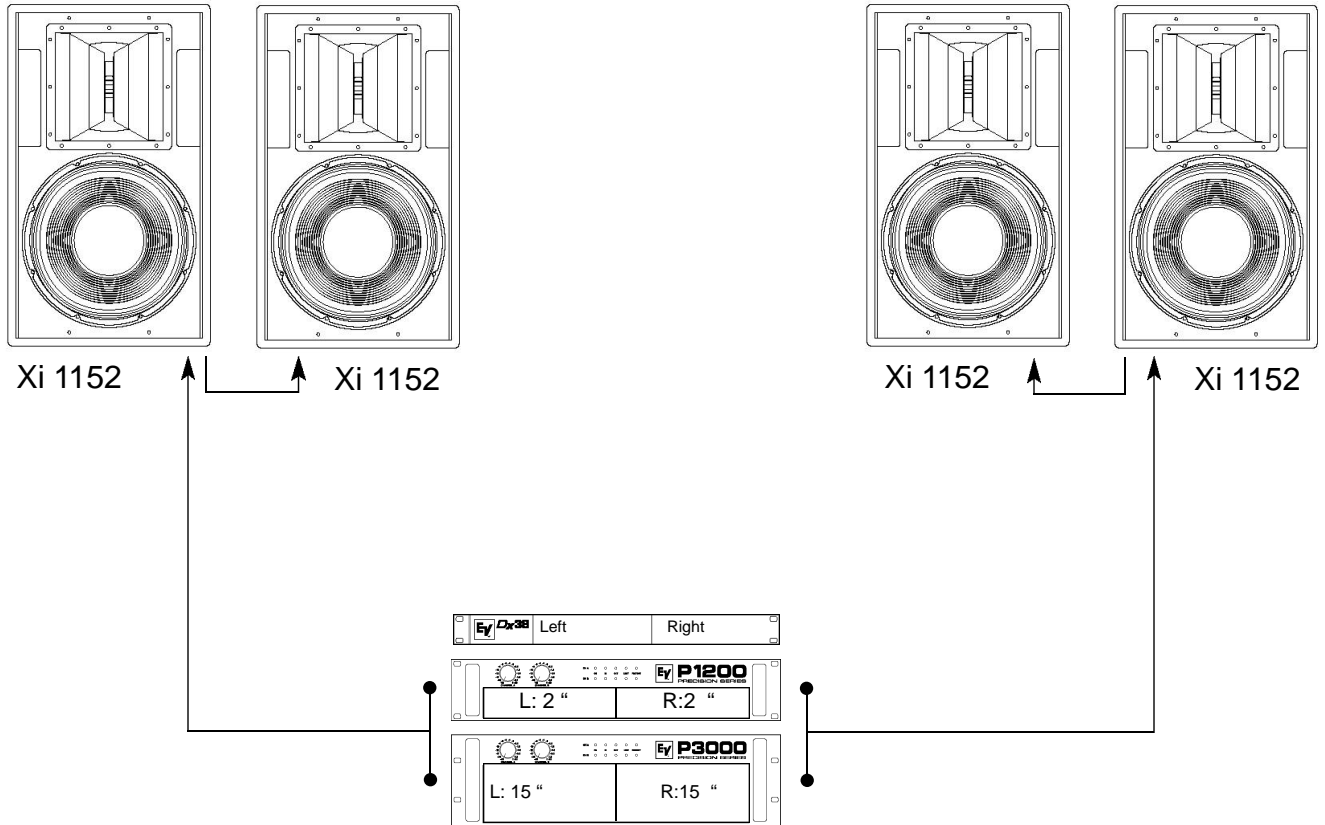
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#35

Comments	Options
For medium SPL's as stand alone. In higher SPL applications as supplement.	P2000 may be used for 12" alternatively.

1.2 2-Way Stereo

Theatre, Industrial Presentations, Delay Line, Side-Fill, Near-Fill



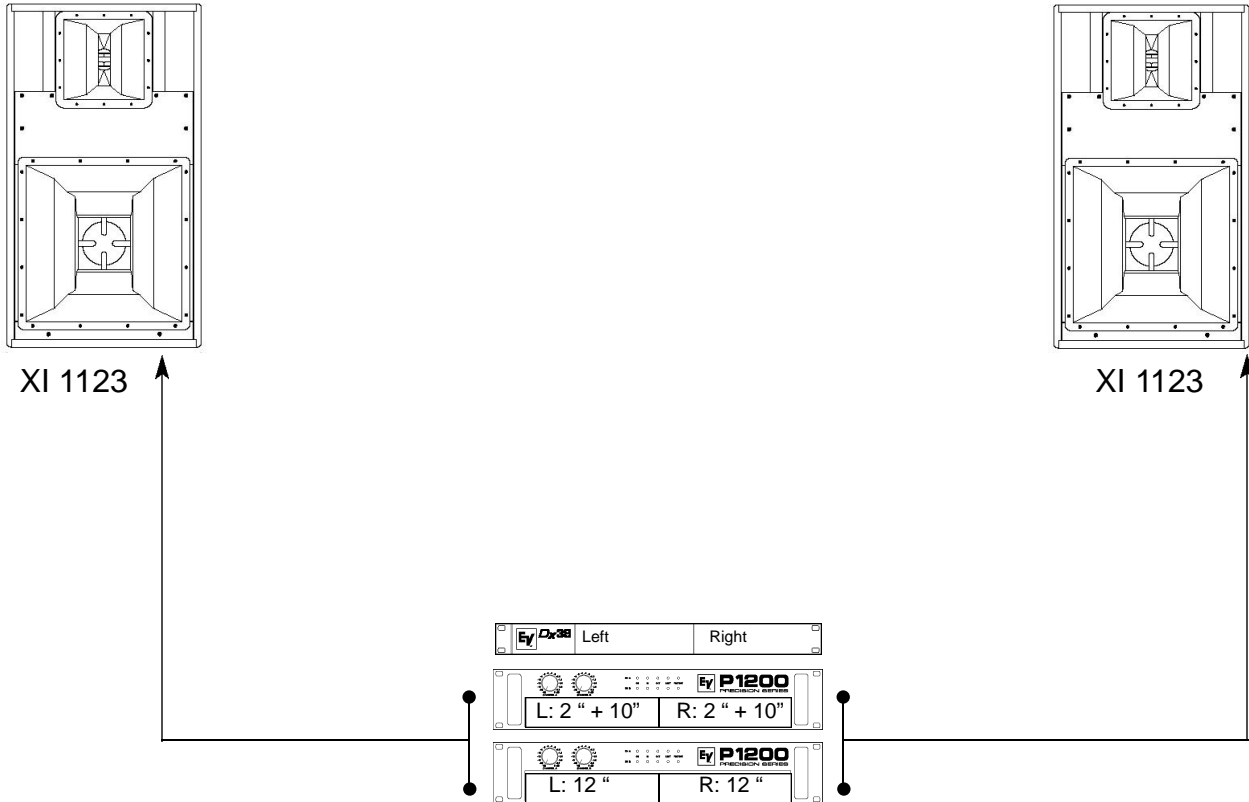
Equipment		Capacity	
Cabinets:	4 x Xi 1152 (64 or 94)	Horizontal coverage:	2 x 120°-150°, *2 x 150°
Amps:	1 x P 1200, 1 x P 3000	Average distance:	20-30 meters, *20-25 meters
Cabeling:	2 x NL4 long, 2 x NL4 short/long	Total amp. power:	3,000 Watts cont.
Dx38:	1		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#37 (1152/64), #39(1152/94)	

Comments	Options
For medium SPL's as stand alone. In higher SPL applications as supplement.	P2000 may be used through out (deduct ~3 dB on HF input level). P3000 may be used through out (deduct ~6 dB on HF input level).

1.3 2-Way Stereo

Theatre, Industrial Presentations, Delay Line, Side-Fill



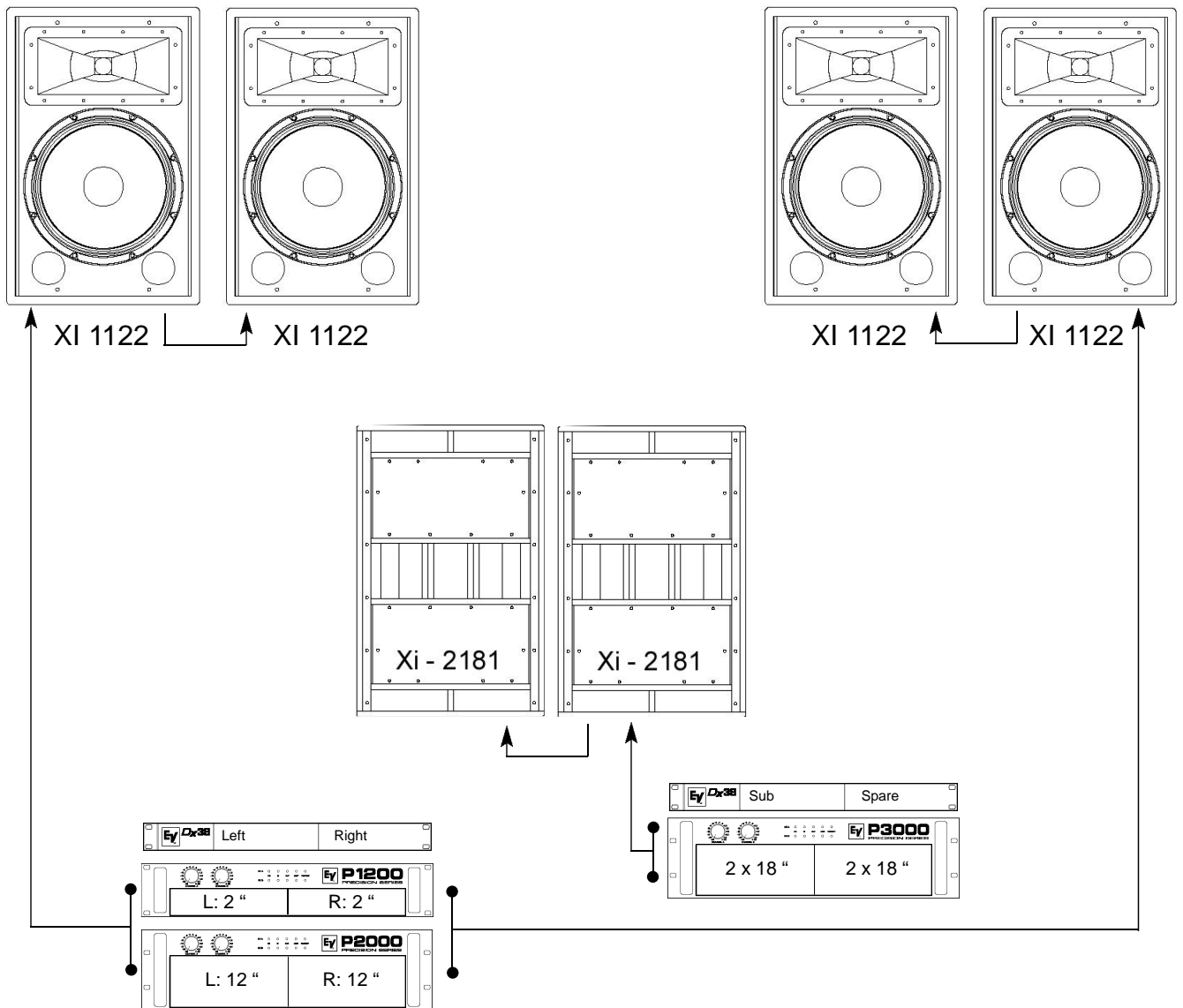
Equipment		Capacity	
Cabinets:	2 x Xi 1123/106	Horizontal coverage:	2 x 100°
Amps:	2 x P 1200	Average distance:	25-30 meters
Cabeling:	2 x NL8 long	Total amp. power:	1,000 Watts
Dx38:	1		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#47	

Comments	Options
Preset #47 is overlapped mode for maximum vertical directivity. For max. SPL use 250 Hz X-Over setting.	MF and HF horns could be rotated for vertical use.

2.1 2-Way Stereo+Sub

Disco, Club, Theatre



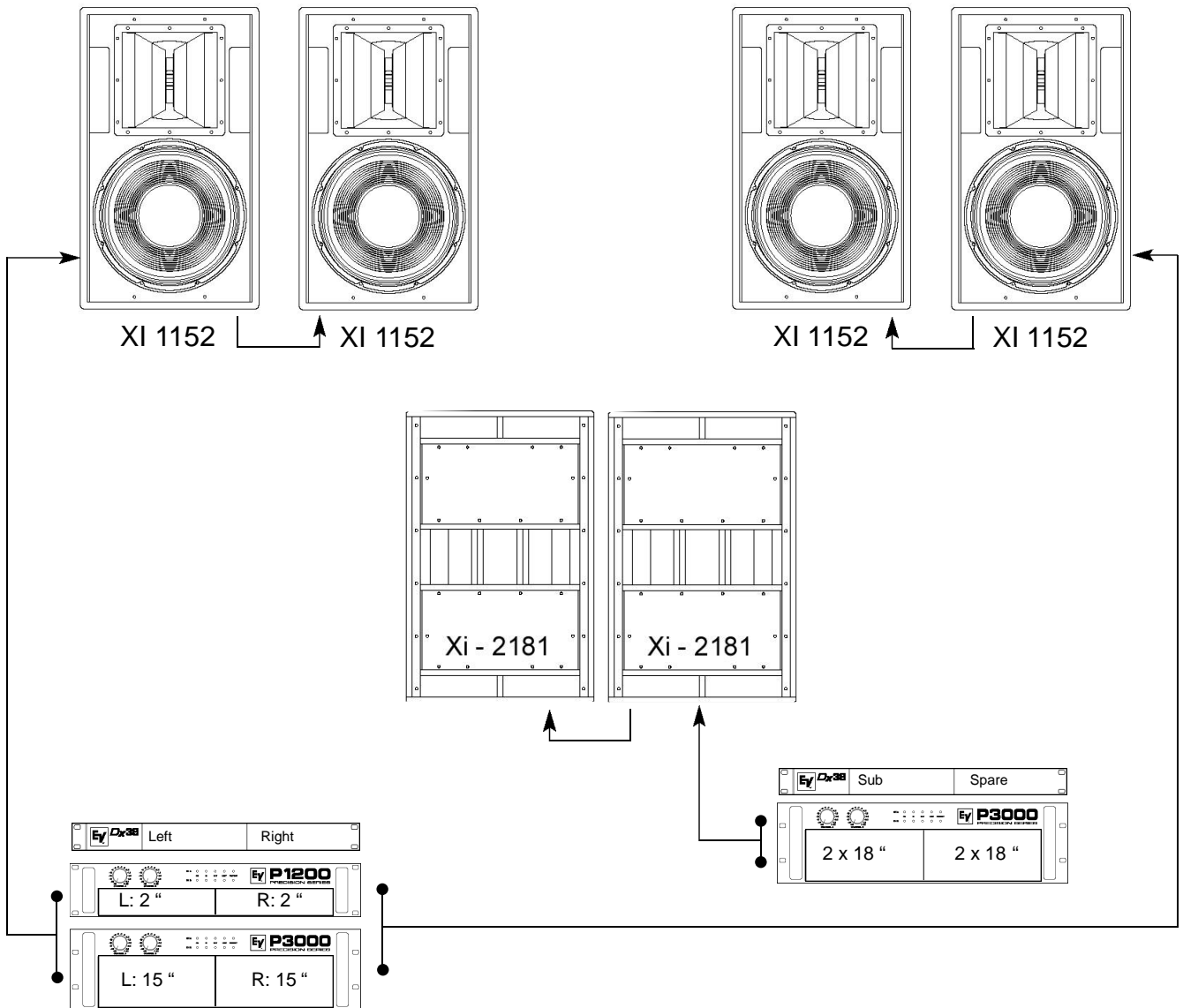
Equipment		Capacity	
Cabinets:	4 x Xi 1122, 2 x Xi 2181	Horizontal coverage:	2 x 120°-150°, 4 X 80°
Amps:	1 x P 1200, 1 xP 2000, 1x P 3000	Average distance:	15-20 meters
Cabeling:	4 x NL4, 2 x NL8	Total amp. power:	4,300 Watts
Dx38:	2		

Dx 38 configuration							* OS V1.05. might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#35 (HP on 1&3 to 80Hz)	
#2 Sub		Sub				#42 (adjust Level on Out1)	

Comments	Options
For dance floor applications use 1 Xi 1122 per corner. Try to keep subwoofers side-to-side whenever possible. If no separate subfeed is available use sum L+R.	P3000 may be used through out alternatively. 3rd Xi 2181 may be added.

2.2 2-Way Stereo+Sub

Disco, Theatre, Club, Band



Equipment	Capacity
Cabinets: 4 x Xi 1152 (64 or 94), 2 x Xi 2181	Horizontal coverage: 2 x 100°-120°, 4 x 60°, *4 x 90°
Amps: 1 x P 1200, 1 x P 3000	Average distance: 15-20 meters
Cabeling:	Total amp. power: 5,400 Watts (cont.)
Dx38: 2	

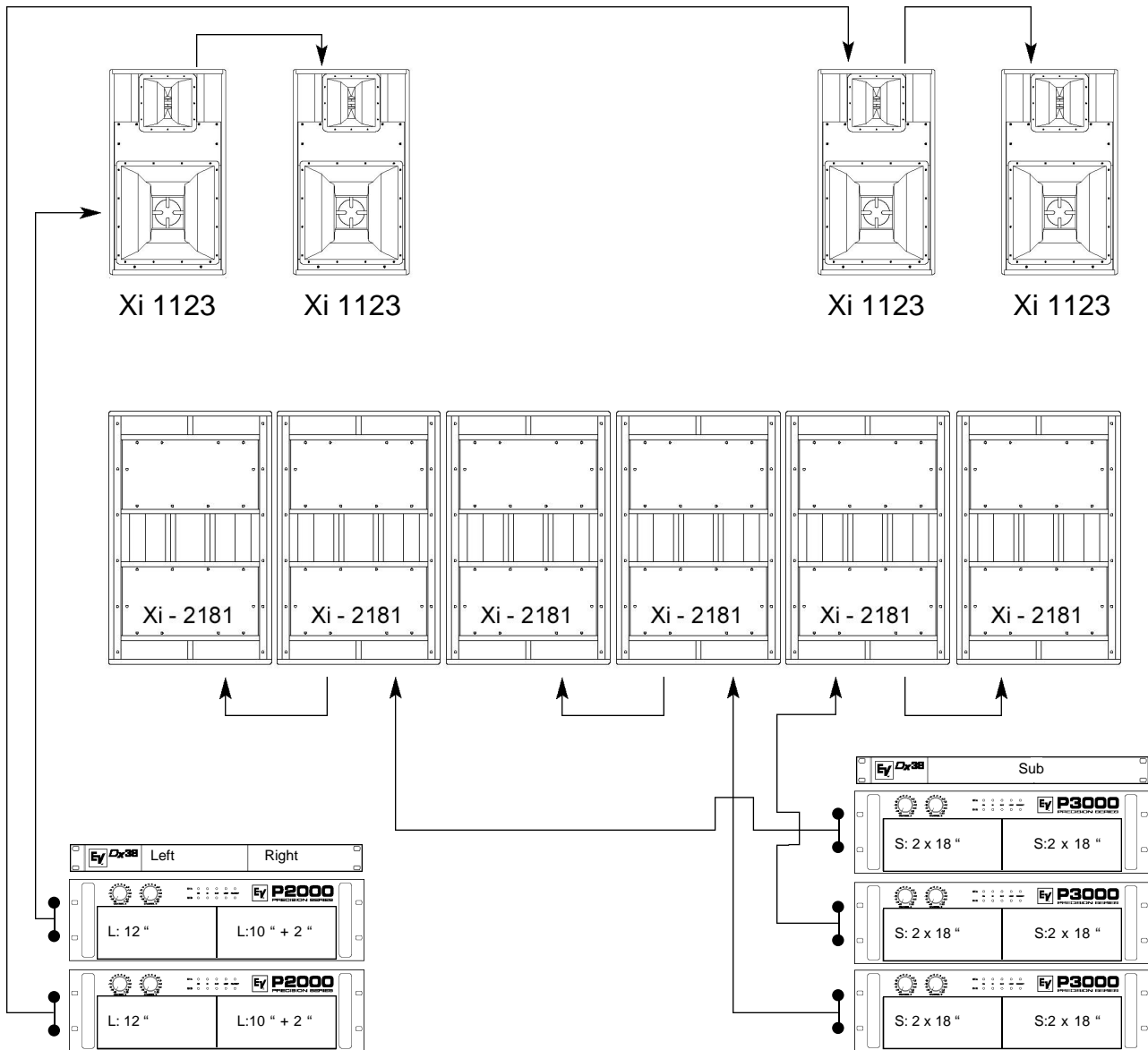
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#37 (1152/64), #39 (1152/94) ¹
#2 Sub		Sub				#42 (adjust Level on Out1)

Comments	Options
Data for Xi 1152/64, ¹ for Xi 1152/94. For dance floor use 1 Xi 1152 per corner. If no separate feed is available for sub use sum L+R. For 3-way stereo see 3.1	P3000 may be used through out. 3rd Xi 2181 may be added.

2.3 2-Way Stereo+Sub

Dance Floor (250 m²)



Equipment		Capacity	
Cabinets:	4 x Xi 1123, 6 x Xi 2181	Horizontal coverage:	4 x 100°
Amps:	2 x P 2000, 3 x P3000	Average distance:	20 meters
Cabeling:		Total amp. power:	9,800 Watts (cont.)
Dx38:	2		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Main Right	Lo L	Hi L	Lo R	Hi R	#47	
#2 Sub		Sub				#42 (adjust Level on Out1)	

Comments	Options
If no seperate sub signal available, use Sum L+R.	MF and HF horns could be rotated for vertical use.

2.4 2-Way LCR+Sub

Small Theatre



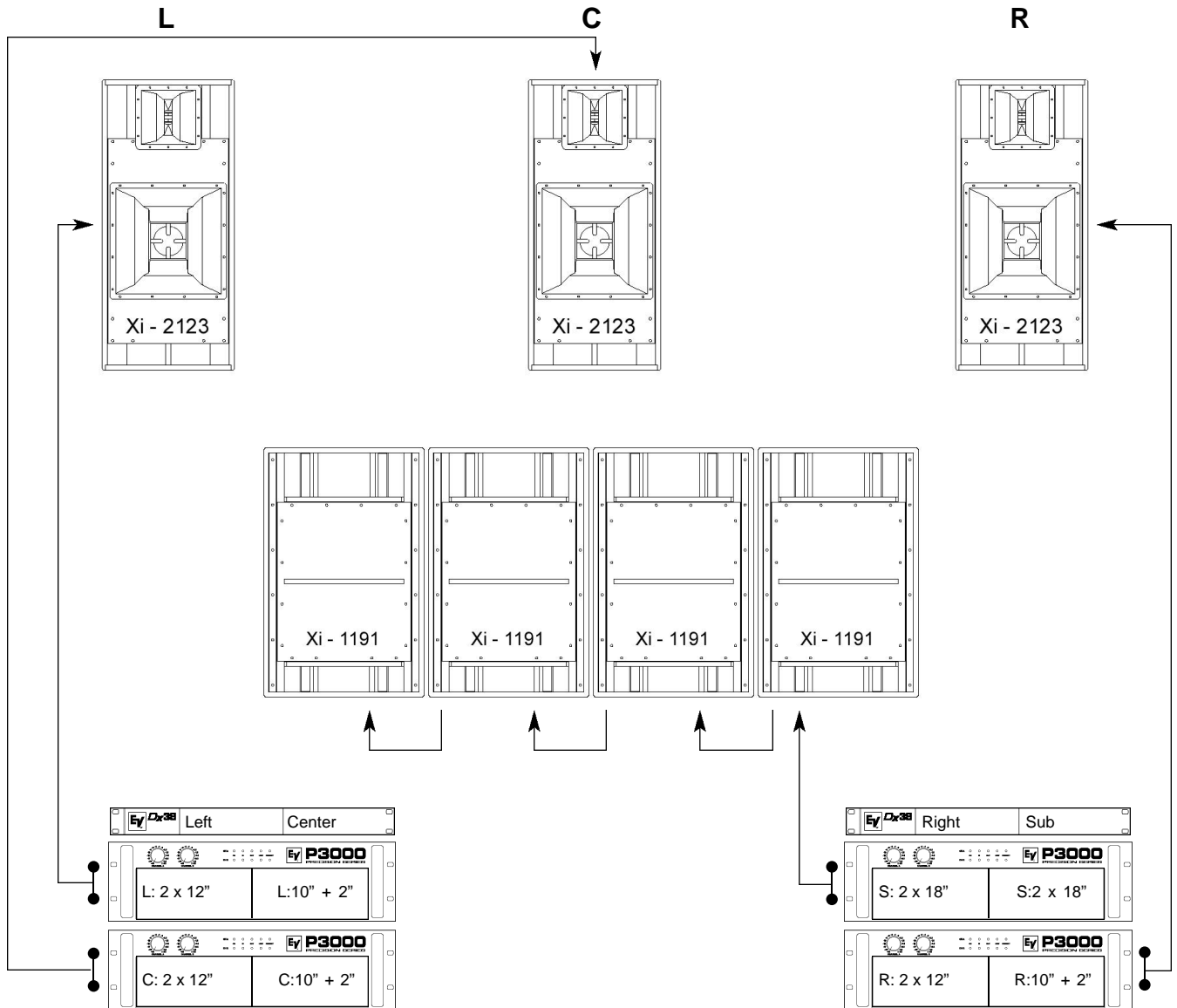
Equipment	Capacity
Cabinets: 3 x Xi 1123, 2 x Xi 1191 Amps: 4 x P 2000 Cabeling: 2 Dx38: 2	Horizontal coverage: 3 x 100° Average distance: 20-35 meters Total amp. power: 4,400 Watts

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Center	Lo L	Hi L	Lo C	Hi C	#47	
#2 Main Right	Sub	Lo R	Hi R	Sub		#47(Out1&2), #48 (route Out4 to In2)	

Comments	Options
Preset #47 is overlapped mode for maximum vertical directivity. For max. SPL use 250 Hz X-Over setting.	MF and HF horns could be rotated for vertical use.

2.5 2-Way LCR+Sub

Small to medium venue, wide • Industrial Presentations



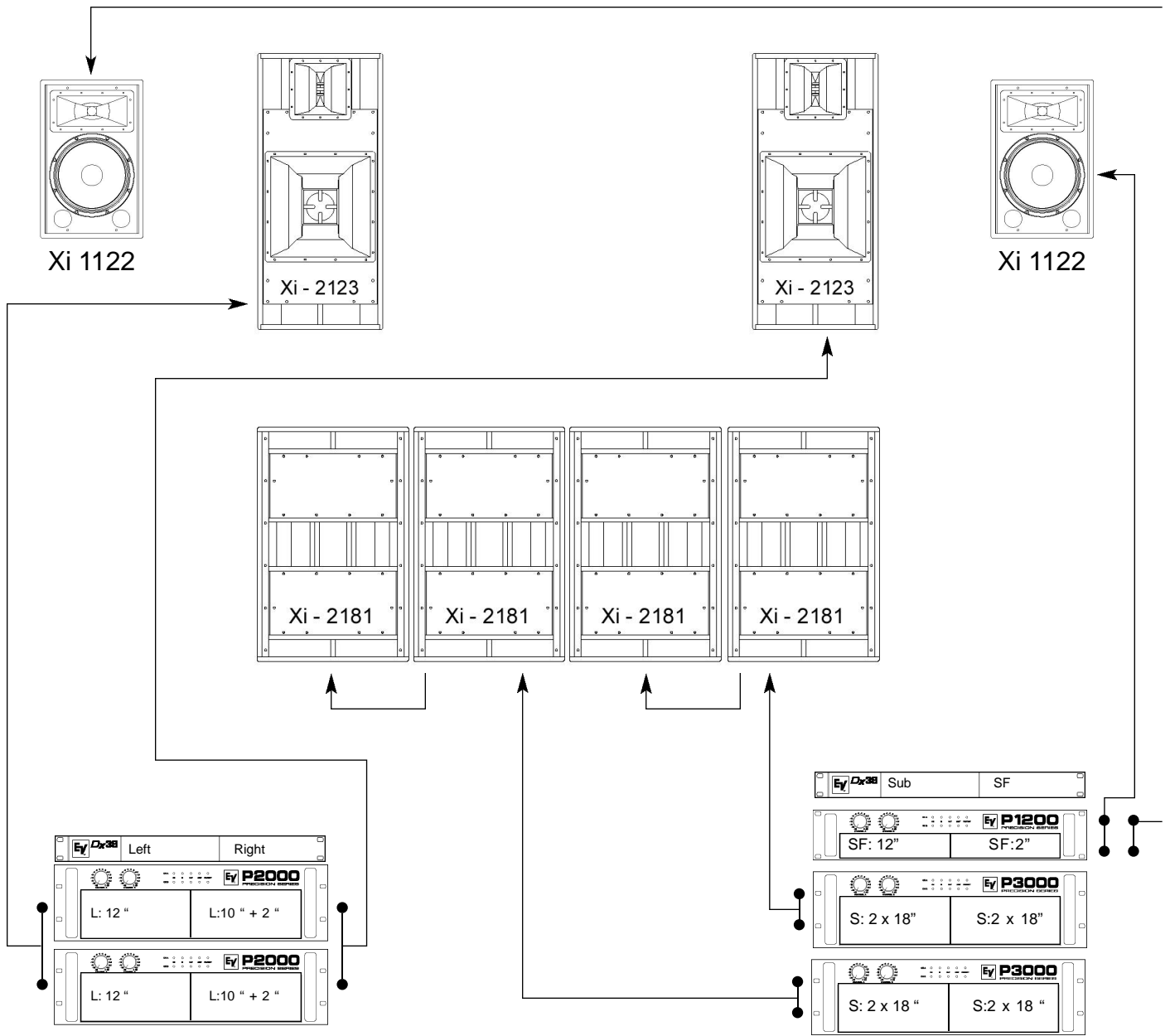
Equipment	Capacity
Cabinets: 3 x Xi 2123, 4 x Xi 1191 Amps: 4 x P 3000 Cabeling: 3 x NL8 long, 3 x NL8 short Dx38: 2	Horizontal coverage: 3 x 100° Average distance: 20-25 meters Total amp. power: 6,300 Watts

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Center	Lo L	Hi L	Lo C	Hi C	#49	
#2 Main Right	Sub	Lo R	Hi R		Sub	#49(Out1&2), #50 (route Out4 to In2)	

Comments	Options
Preset #49 is overlapped mode for maximum vertical directivity. For max. SPL use 250 Hz X-Over setting.	MF and HF horns could be rotated for vertical use. Xi 2123 could be triamped. P2000 may be used for Xi 2123.

2.6 2-Way Stereo+Sub+Side-Fill

Very wide venue, Top 40 Bands



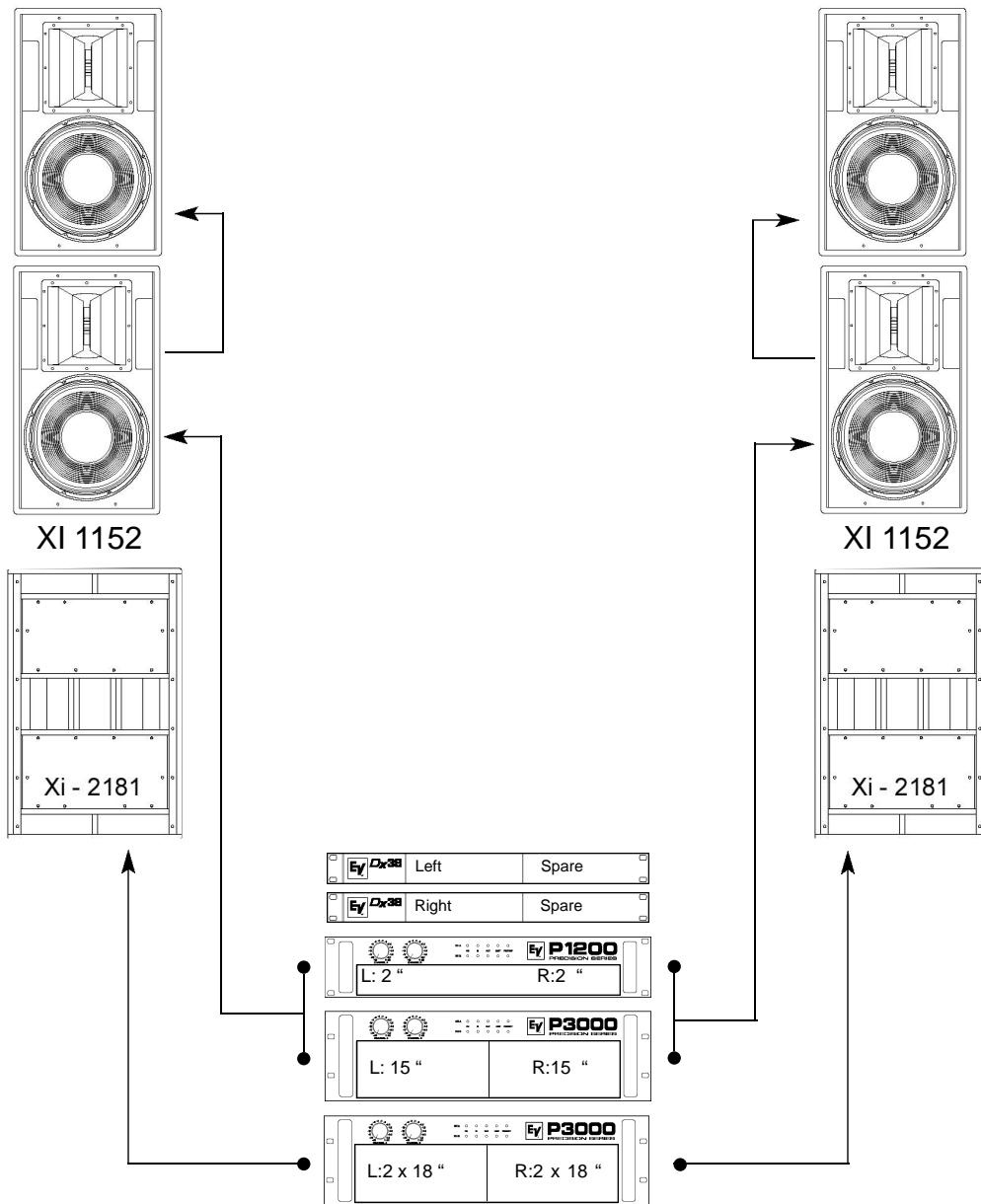
Equipment	Capacity
Cabinets: 2 x Xi 2123, 2 x Xi 1122, 4 x Xi 2181 Amps: 1 x P1200, 2 x P2000, 3 x P3000 Cabeling: 3 x NL8 long, 7 x NL8 short Dx38: 2	Horizontal coverage: 2 x 100° + 2 x 85° Average distance: 25-30 + 20-25 meters Total amp. power: 7,650 Watts

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left	Center	Lo L	Hi L	Lo C	Hi C	#49	
#2 Sub	Side	Sub		Lo Si	Hi Si	#42(Out1), #35 (Out 3&4)	

Comments	Options
Preset #49 is overlapped mode for maximum vertical directivity. For max. SPL use 250 Hz X-Over setting.	Xi 2123 could be driven 3-way (+ P1200 + Dx38)

3.1 3-Way Stereo

Clubs/Smaller Venues



Equipment		Capacity	
Cabinets:	4 x Xi 1152/64, 2 x Xi 2181	Horizontal coverage:	2 x 60°-120°
Amps:	1 x P 1200, 2 x P3000	Average distance:	20-25 meters
Cabeling:		Total amp. power:	5,500 Watts
Dx38:	2		

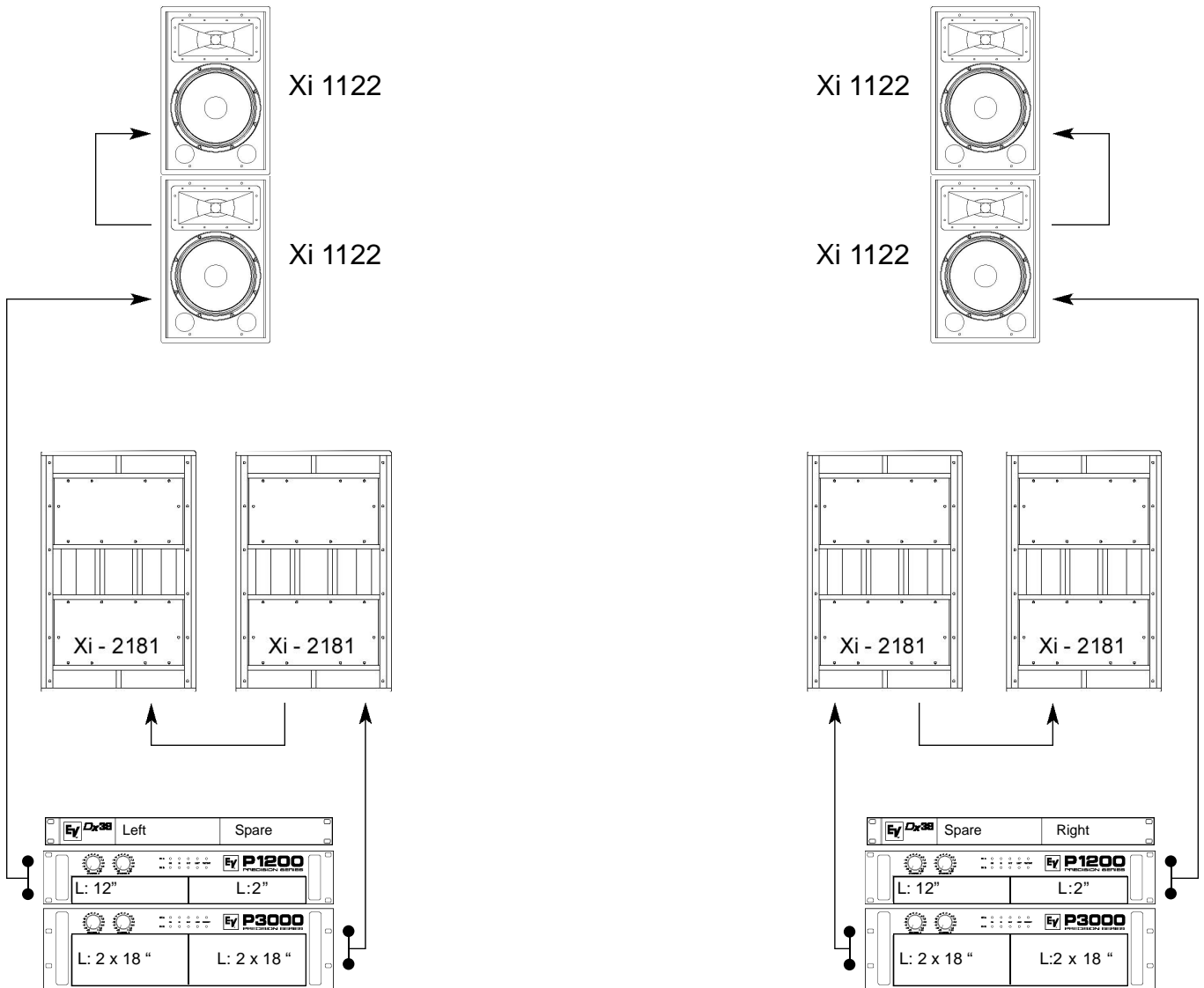
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left		Lo L	Mid L	Hi L		#38 (change Out1 to 2181-see#42)
#2 Main Right		Lo R	Mid R	Hi R		#38 (change Out1 to 2181-see#42)

Comments	Options
Xi 1152 could be positioned for dedicated horizontal angles.	

3.2 3-Way Stereo

Clubs, Smaller Venues, Top 40 Bands



Equipment		Capacity	
Cabinets:	4 x Xi 1122, 4 x Xi 2181	Horizontal coverage:	2 x 100°-160°
Amps:	4 x P 3000	Average distance:	20-25 meters
Cabeling:	2 x NL4 long/short, 2 x NL8 long/short	Total amp. power:	6,400 Watts (cont.)
Dx38:	2		

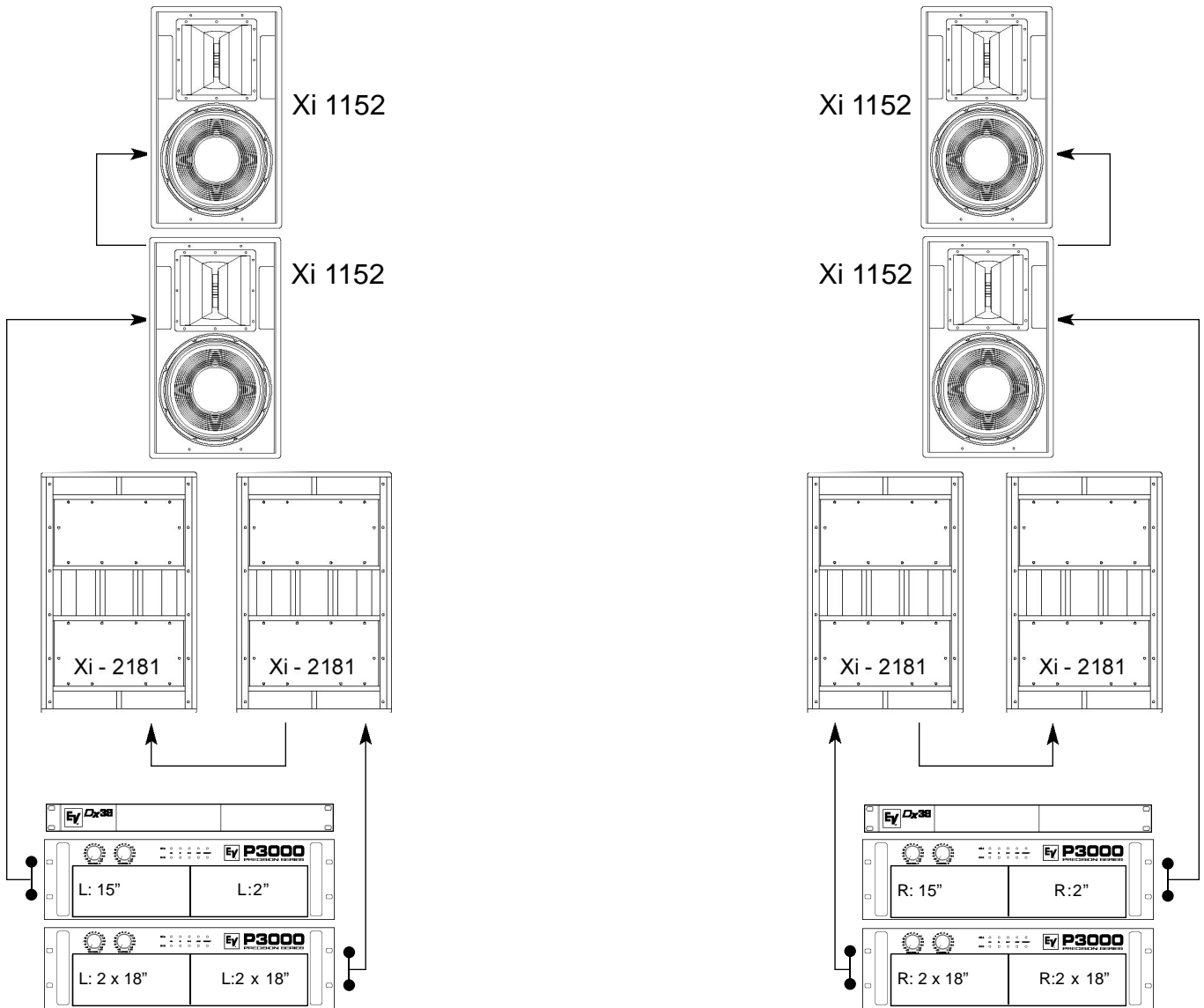
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38	In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1	Main Left		Lo L	Mid L	Hi L		#36 (change Out1 to 2181-see#42)
#2	Main Right		Lo R	Mid R	Hi R		#36 (change Out1 to 2181-see#42)

Comments	Options
Xi 1122 could be positioned for dedicated horizontal angles	P3000 can be used through out.

3.3 3-Way Stereo

Clubs, Smaller Venues, Top 40 Bands



Equipment		Capacity	
Cabinets:	4 x Xi 1152/64, 4 x Xi 2181	Horizontal coverage:	2 x 100°-120°
Amps:	4 x P 3000	Average distance:	20-25 meters
Cabeling:	2 x NL4 long/short, 2 x NL8 long/short	Total amp. power:	7,900 Watts
Dx38:	2		

Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left		Lo L	Mid L	Hi L		#38 (change Out1 to 2181-see#42)
#2 Main Right		Lo R	Mid R	Hi R		#38 (change Out1 to 2181-see#42)

Comments	Options
Xi 1152 could be positioned for dedicated horizontal angles	P3000 can be used through out.

3.4 3-Way Stereo

Clubs, Top 40 Bands



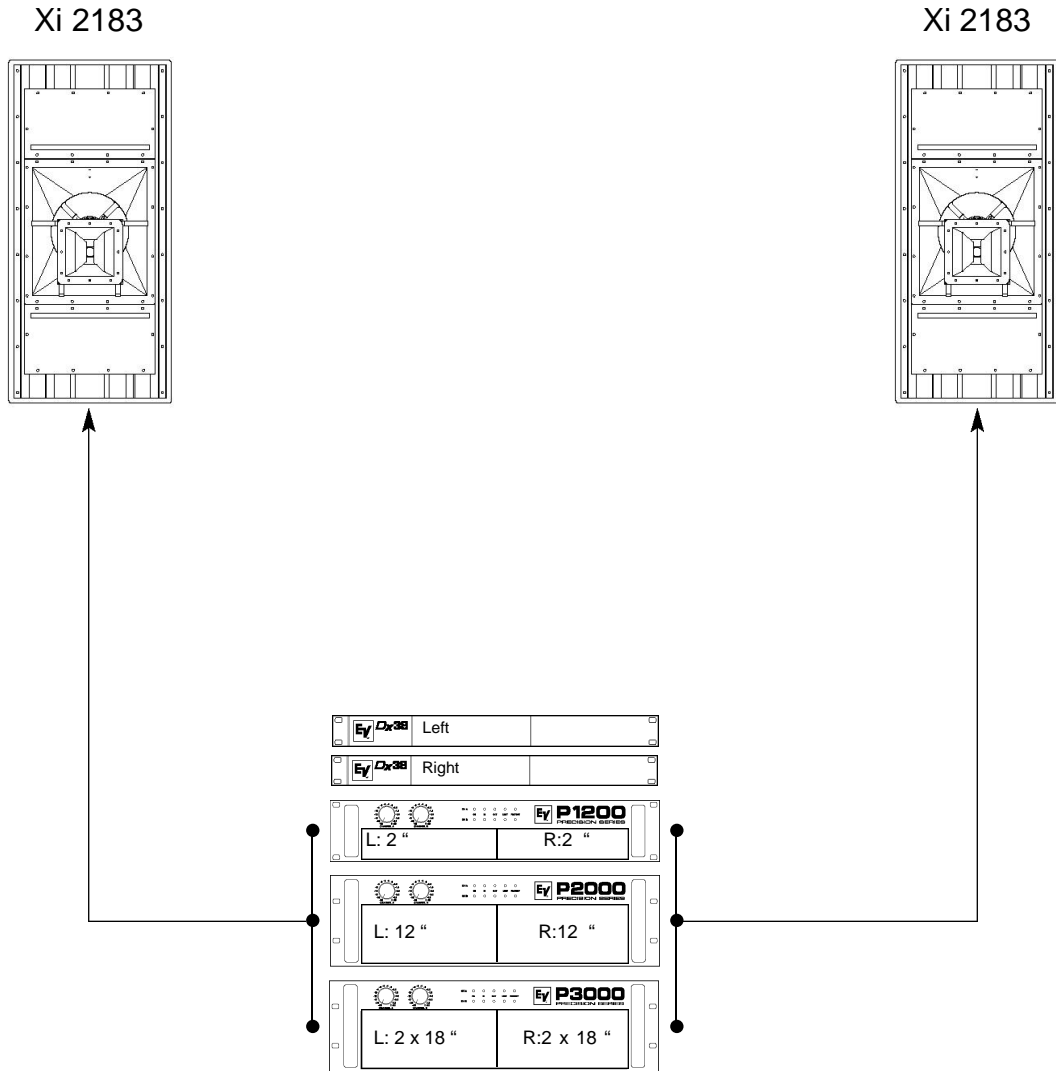
Equipment		Capacity	
Cabinets:	2 x Xi 2123, 4 x Xi 2181	Horizontal coverage:	2 x 100°
Amps:	2 x P2000, 2 x P3000	Average distance:	25 meters
Cabeling:	4 x NL8 long	Total amp. power:	7,000 Watts
Dx38:	2		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38	In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1	Main Left		Mid L	Hi L		Lo L	#49(Out1&2) #42(Out4, 2181)
#2	Main Right		Mid R	Hi R		Lo R	#49(Out1&2) #42(Out4, 2181)

Comments	Options
Preset #49 is overlapped mode for maximum vertical directivity. For max. SPL use 250 Hz X-Over setting.	Xi 2123 could be rotated by 90° if height ist limited. Spare Input on Dx38 could be used for separate mono feed. System could be upgraded to 4-way Stereo. (Xi 2123 triamp mode – needs additional P1200).

3.5 3-Way Stereo

Large Hall Main PA System



Equipment		Capacity	
Cabinets:	2 x Xi 2183	Horizontal coverage:	2 x 60°
Amps:	1 x P1200, 1 x P2000, 1 x P3000	Average distance:	35 meters
Cabeling:		Total amp. power:	3,500 Watts
Dx38:	2		

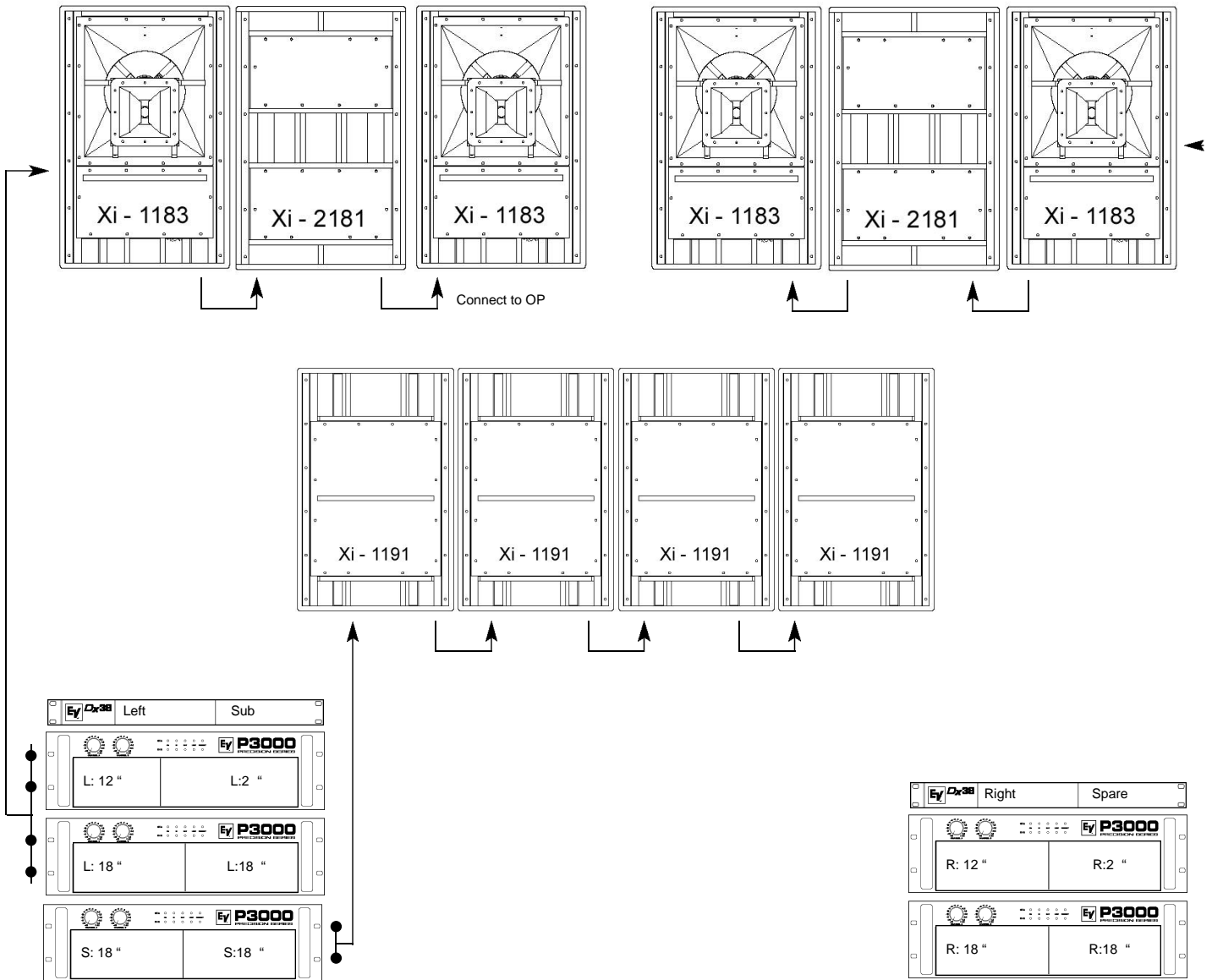
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left		Lo L	Mid L	Hi L		#41
#2 Main Right		Lo R	Mid R	Hi R		#41

Comments	Options
	For more low end Xi 1191 may be added.

4.1 3-Way Stereo+Sub

Small to medium Venue, wide • Concert Sound



Equipment	Capacity
Cabinets: 4 x Xi 1183, 2 x Xi 2181, 4 x Xi 1191 Amps: 5 x P 3000 Cabeling: 3 x NL8 long, 7 x NL8 short Dx38: 2	Horizontal coverage: 2 x 120°-130° Average distance: 30 - 35 meters Total amp. power: 10.200 Watts

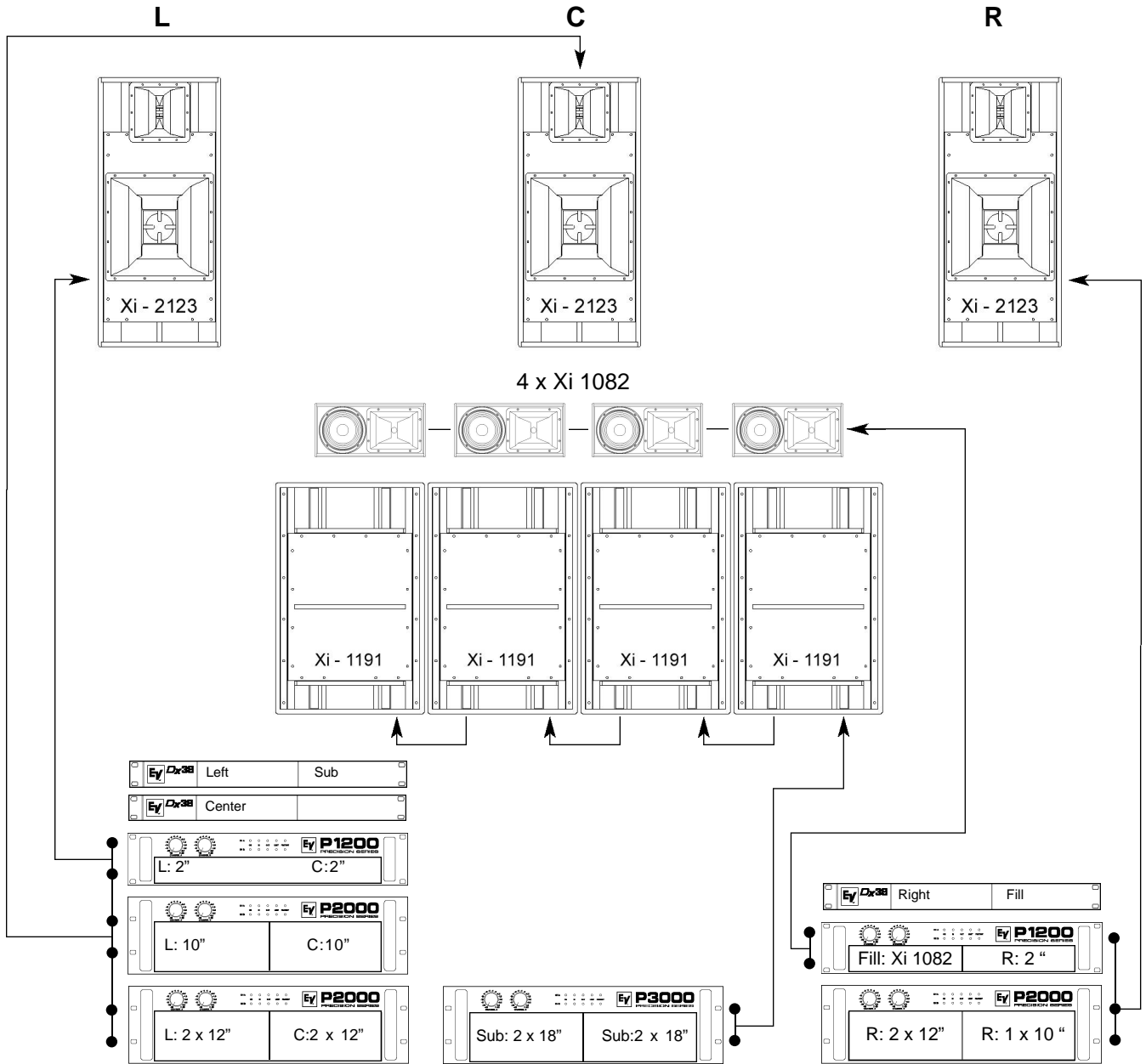
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left	Sub	Sub	Lo L	Mid L	Hi L	#50 (Out1, route to In2), #42 (Out2: HP from 80Hz to 50Hz)
#2 Main Right			Lo R	Mid R	Hi R	#42 (Out2: HP from 80Hz to 50Hz)

Comments	Options

4.2 3-Way LCR+Sub

Medium Venue, wide • Musical/Theatre



Equipment		Capacity	
Cabinets:	3 x Xi 2123, 4 x Xi 1191, 4x Xi 1082	Horizontal coverage:	3 x 100°
Amps:	2 x P 1200, 3 x P2000, 1 x P3000	Average distance:	20 - 25 meters
Cabeling:	5 x NL8 long, 6 x NL8 short	Total amp. power:	6,300 Watts
Dx38:	3		

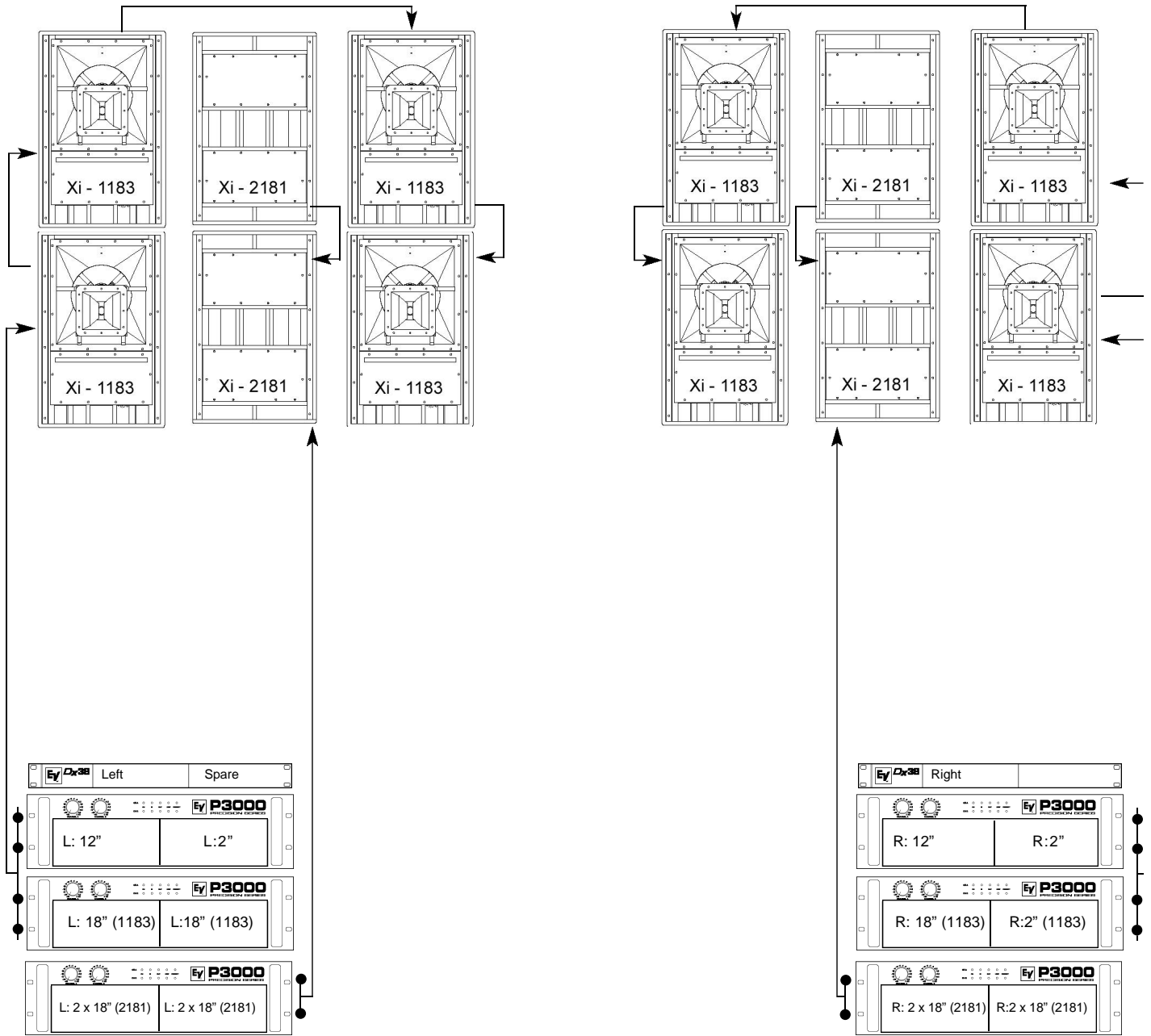
Dx38 configuration * OS V1.05, might change w/o prior notice

Dx38	In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1	Main Left	Sub	Lo L	Mid L	Hi L	Sub	#50 (route Out4 to In2)
#2	Center		Lo C	Mid C	Hi C		#50
#3	Right	Fill	Lo R	Mid R	Hi R	Fill	#50 (route Out4 to In2, clear Out4 filters)

Comments	Options
	MF and HF horns could be rotated for vertical use. 2 Xi 2181 could be used alternatively.

5.1 4-Way Stereo

Medium to Large Venue • Concert Sound



Equipment		Capacity	
Cabinets:	8 x Xi 1183, 4 x Xi 2181	Horizontal coverage:	2 x 120°-130°
Amps:	6 x P 3000	Average distance:	40 - 50 meters
Cabeling:	4 x NL8 long, 8 x NL8 short	Total amp. power:	14,400 Watts
Dx38:	2		

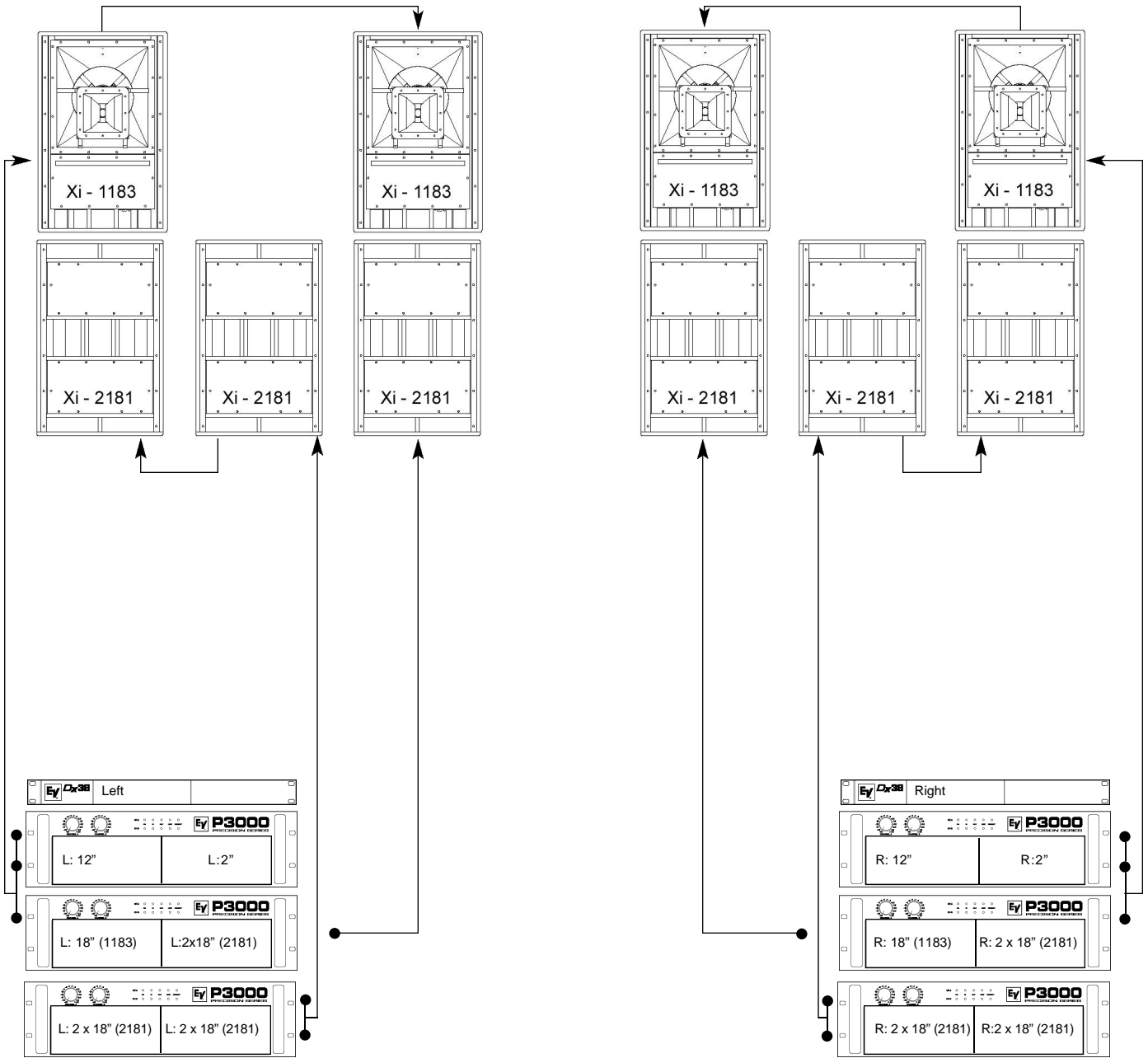
Dx 38 configuration * OS V1.05, might change w/o prior notice

Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *
#1 Main Left		Sub L	Lo L	Mid L	Hi L	#42
#2 Main Right		Sub R	Lo R	Mid R	Hi R	#42

Comments	Options
	Spare IP or Dx38 could be used for separate mono feed from console.

5.2 4-Way Stereo

Medium to Large Venue • Rock'n Roll



Equipment		Capacity	
Cabinets:	4 x Xi 1183, 6 x Xi 2181	Horizontal coverage:	2 x 120°-130°
Amps:	6 x P 3000	Average distance:	30 - 35 meters
Cabeling:	6 x NL8 long, 4 x NL8 short	Total amp. power:	11,400 Watts (cont.)
Dx38:	2		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left		Sub L	Lo L	Mid L	Hi L	#42	
#2 Main Right		Sub R	Lo R	Mid R	Hi R	#42	

Comments	Options
Very "punch" orientated set-up. For longer narrow venues stack Xi 1183.	If Sub signal is used mono (Sum L+R or separate feed) remaining Input and Output Dx38 could be used for Fullrange Delay Lines.

6.1 4-Way Stereo + Sub

Medium to Large Venue • Concert, narrow



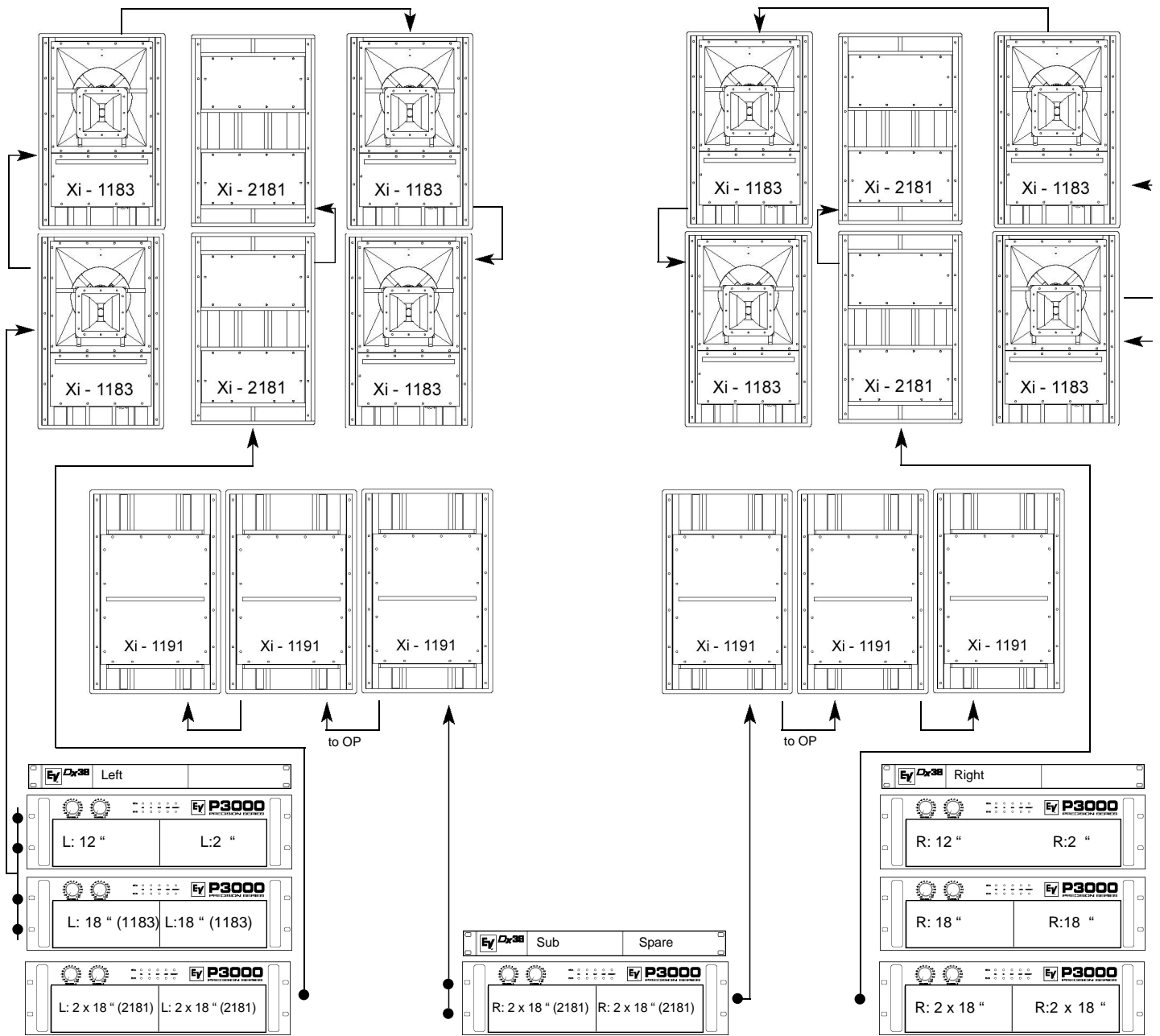
Equipment	Capacity
Cabinets: 4 x Xi 1183, 4 x Xi 2181, 6 x Xi 1191 Amps: 7 x P 3000 Cabeling: 6 x NL8 long, 12 x NL8 short Dx38: 3	Horizontal coverage: 2 x 120°-130° Average distance: 30-40 meters Total amp. power: 13,400 Watts

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1	Main Left	Sub L	Lo L	Mid L	Hi L	#42	
#2	Main Right	Sub R	Lo R	Mid R	Hi R	#42	
#3	Sub Mono	Sub M				#36	

Comments	Options
If Low channel is operated in mono, the Sub signal could be handle through the 2nd Dx38 – the 3rd ist not needed.	

6.2 4-Way Stereo + Sub

Medium to Large Venue • Concert, wide



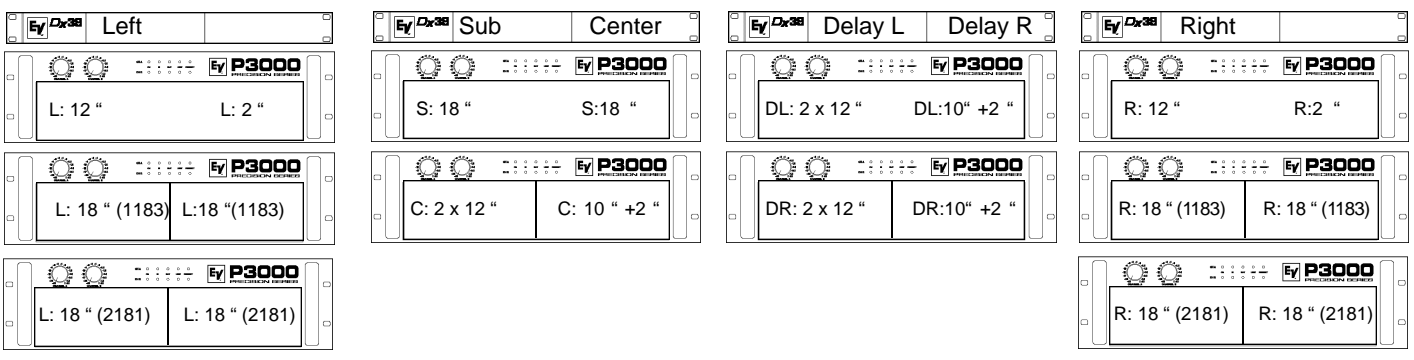
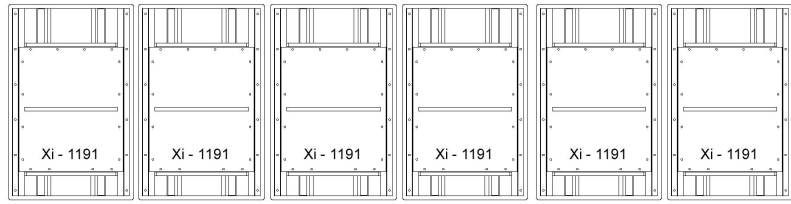
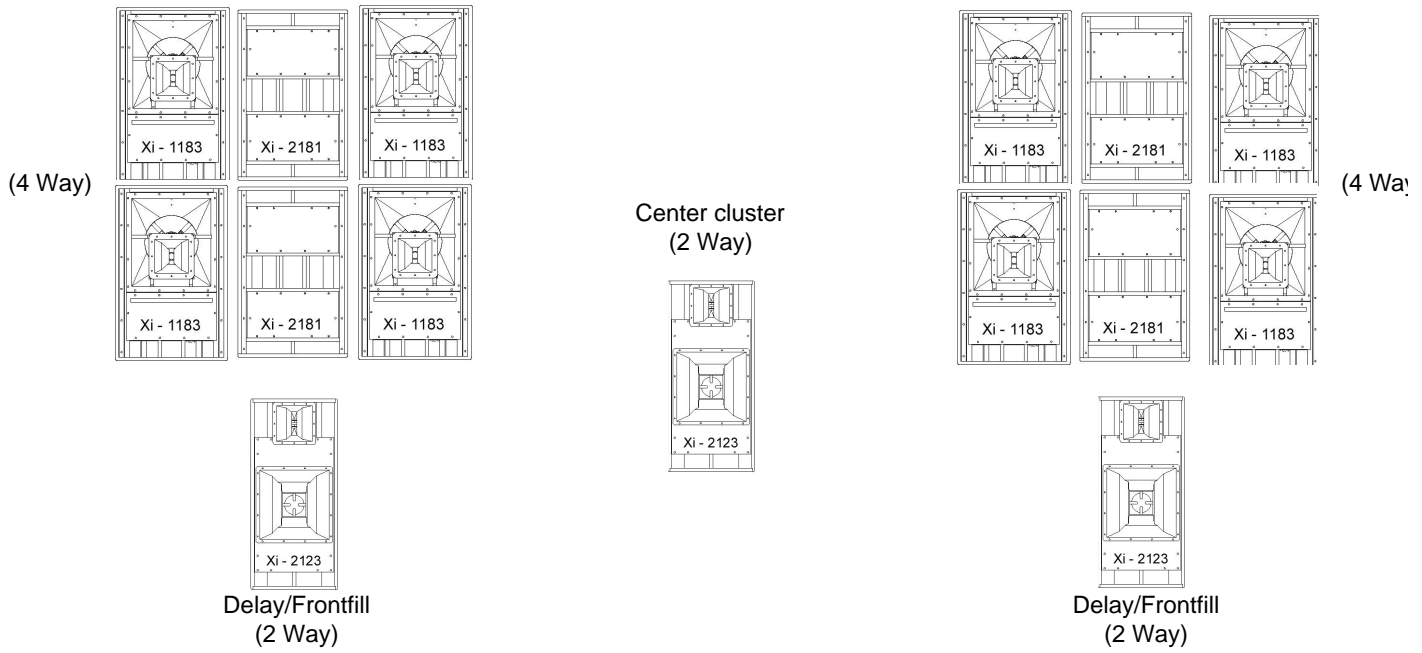
Equipment		Capacity	
Cabinets:	8 x XI 1183, 4 x XI 2181, 6 x XI 1191	Horizontal coverage:	2 x 120°-130°
Amps:	7 x P 3000	Average distance:	30 - 40 meters
Cabeling:	6 x NL8 long, 12 x NL8 short	Total amp. power:	17,000 Watts
Dx38:	3		

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Preset *	
#1 Main Left		Sub L	Lo L	Mid L	Hi L	#42	
#2 Main Right		Sub R	Lo R	Mid R	Hi R	#42	
#3 Sub Mono		Sub M				#36	

Comments	Options

71 4-Way Stereo+Sub+Center+Delay

Large Venue • Concert incl. Fills



Equipment	Capacity
Cabinets: 8 x Xi 1183, 4 x Xi 2181, 6 x Xi 1191 3 x Xi 2123 Amps: 10 x P 3000 Cabeling: Dx38: 4	Horizontal coverage: 2 x 120°-130°, 3 x 100° Average distance: 60 meters Total amp. power: 21,000 Watts

Dx 38 configuration							* OS V1.05, might change w/o prior notice
Dx38 In 1	In 2	Out 1	Out 2	Out 3	Out 4	Out 5	Preset *
#1 Main Left		Sub L	Lo L	Mid L	Hi L		#42
#2 Sub Mono	Center	Sub M		Lo C	Hi C		#49 (Out 3&4), #36 (Out1)
#3 Delay L	Delay R						#49
#4 Main Right		Sub R	Lo R	Mid R	Hi R		#42

Comments	Options
Preset #49 is overlapped mode for maximum vertical directivity. For max. SPL change to 250 Hz X-Over setting.	

8.0 Specifications

X-Array™ Xi-Series

Full-Range Three-Way Systems

Specifications	Xi 1123/106F	Xi 2123/106F	Xi 1183/64F	Xi 2183/64F
Frequency Response	60 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz	45 Hz - 20 kHz
Power Handling				
Long-term (LF/MF/HF, LF/HF)	300/300/75 W, 300/300 W	600/300/75, 600/300 W	600/300/75 W	1,200/300/75 W
Sensitivity (1W/1m)				
Triamp (LF/MF/HF)	98.0/109.0/111.7 dB	101.4/109.0/111.7 dB	93.5/107.0/112.0 dB	98.0/107.0/112.0 dB
Biamp (LF/FR)	101.4/106.7 dB	101.4/106.7 dB	N/A	N/A
Nominal Coverage Angle	100° x 60°	100° x 60°	60° x 40°	60° x 40°
Crossover Frequencies	250/550 Hz, 1,760 Hz	250/550 Hz, 1,760 Hz	125, 1,760 Hz	125 Hz, 1,760 Hz
Impedance				
LF-FR/MF/HF:	12/16/16	6/16/16	8/16/16	4/16/16
Connectors	2 Neutrik NL8MPR	2 Neutrik NL8MPR	2 Neutrik NL8MPR	2 Neutrik NL8MPR
Size				
Height	801 mm	1,007 mm	914 mm	1,233 mm
Width, Front	455 mm	455 mm	586 mm	586 mm
Width, Back	317 mm	317 mm	354 mm	354 mm
Depth	463 mm	463 mm	759 mm	759 mm
Net weight	56.8 kg	70.3 kg	93.0 kg	113.4 kg

„F“ indicates the flying Version (L-Track)

Full-Range Two-Way Systems

Low-Frequency and Subwoofer Systems

Special Purpose Systems

Specifications	Xi 1122/85F	Xi 1152/64F-94F	Xi 1191(F)	Xi 2181(F)	Xi 1082 Under Balcony
Frequency Response	60 Hz - 20 kHz	50 Hz - 20 kHz	37 - 160 Hz	37-200 Hz	50 Hz - 20 kHz
Power Handling					
Long-term (LF/HF - FR)	300/75 W	600/75 W	600 W	1,200 W	175 W
Sensitivity (1W/1m)					
Biamp (LF/HF)	99.0/110.0 dB	98.0/113.0 dB	94 dB	98.5 dB	90.0 dB
Nominal Coverage Angle	80° x 55°	60° x 40°/90° x 40°	300° x 270°	240° x 300°	90° x 40°
Crossover Frequencies	1,500 Hz	1,500 Hz	125 Hz	80-125 Hz	3,500 Hz (passive)
Impedance					
LF-FR/MF/HF:	8/NA/16	8/NA/16	8/NA/NA	2 @ 8NA/NA /	8/NA/NA
Connectors	2 Neutrik NL4MPR	2 Neutrik NL4MPR	2 Neutrik NL8MPR	2 Neutrik NL8MPR	Barrier Strip
Size					
Height	584 mm	759 mm	914 mm	914 mm	488 mm
Width, Front	375 mm	450 mm	586 mm	586 mm	235 mm
Width, Back	199 mm	248 mm	354 mm	354 mm	150 mm
Depth	356 mm	143 mm	759 mm	759 mm	285 mm
Net weight	31.3 kg	40.8 kg	68.0 kg	79.9 kg	13.3 kg

„F“ indicates the flying Version (L-Track)

P-Series™ Amplifiers

Specifications	P1200	P2000	P3000
Maximum Output (1 kHz /THD = 1%) @ 8 / @ 4 / @ 8 bridged	2 x 370 W / 2 x 550 W / 1 x 11000 W	2 x 560 W / 2 x 900 W / 1 x 1800 W	2 x 850 W / 2 x 1,400 W / 1 x 2,800 W
Maximum Output (20 Hz-20 kHz /THD 0.1%) @ 8 / @ 4 / @ 8 bridged	2 x 350 W / 2 x 500 W / 1 x 1000 W	2 x 500 W / 2 x 800 W / 1 x 1600 W	2 x 750 W / 2 x 1,200 W / 1 x 2,400 W
Slew Rate	>30 V/ms	>35 V/ms	>40 V/ms
IMD (SMPTE), 60 Hz, 7 kHz	<0.01%	<0.01%	<0.01%
Frequency Response	10 Hz - 30 kHz (-1 dB)	10 Hz - 30 kHz (-1 dB)	10 Hz - 30 kHz (-1 dB)
Damping Factor	>300 (internal, 1kHz)	>300 (internal, 1kHz)	>300 (any mode)
Protection	against over-temperature, overload, shorted outputs, RF-Interference and DC faults, excessive phase shift, excessive output voltage, excessive back EMF, in-rush current limiter, start-up/shutdown transients, infrasonic signals low AC line voltage, nonlinear signal limiter.		
Cooling	low noise 3-stage fans	low noise 3-stage fans	low noise 3-stage fans
Size			
Height	88.1 mm	132.5 mm	132.5 mm
Width	483 mm	483 mm	483 mm
Depth	426 mm	426 mm	426 mm
Net weight	17.0 kg	27.0 kg	28.0 kg

DX38 Digital Sound System Processor

Specifications	
Inputs	2 x 2 XLRIN balanced (female / male)
Outputs	4 XLROUT balanced
A/D Converter	24 bit, Sigma-Delta, 128x Oversampling, linear phase
D/A Converter	24 bit, Sigma-Delta, 128x Oversampling
Data Format	48 bit Processing
Dynamic Range	>115 dB
Network Filter	6, 12, 18, 2 dB/Oct. slope; Butterworth, Bessel, Linkwitz-Reiley
EQs	26 Parametric Equaliser
Maximum Delay Time	2.7 sec
Size (W x H x D)	483 mm x 43.6 mm x 374 mm (19", 1 U)
Net weight	5.0 kg



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