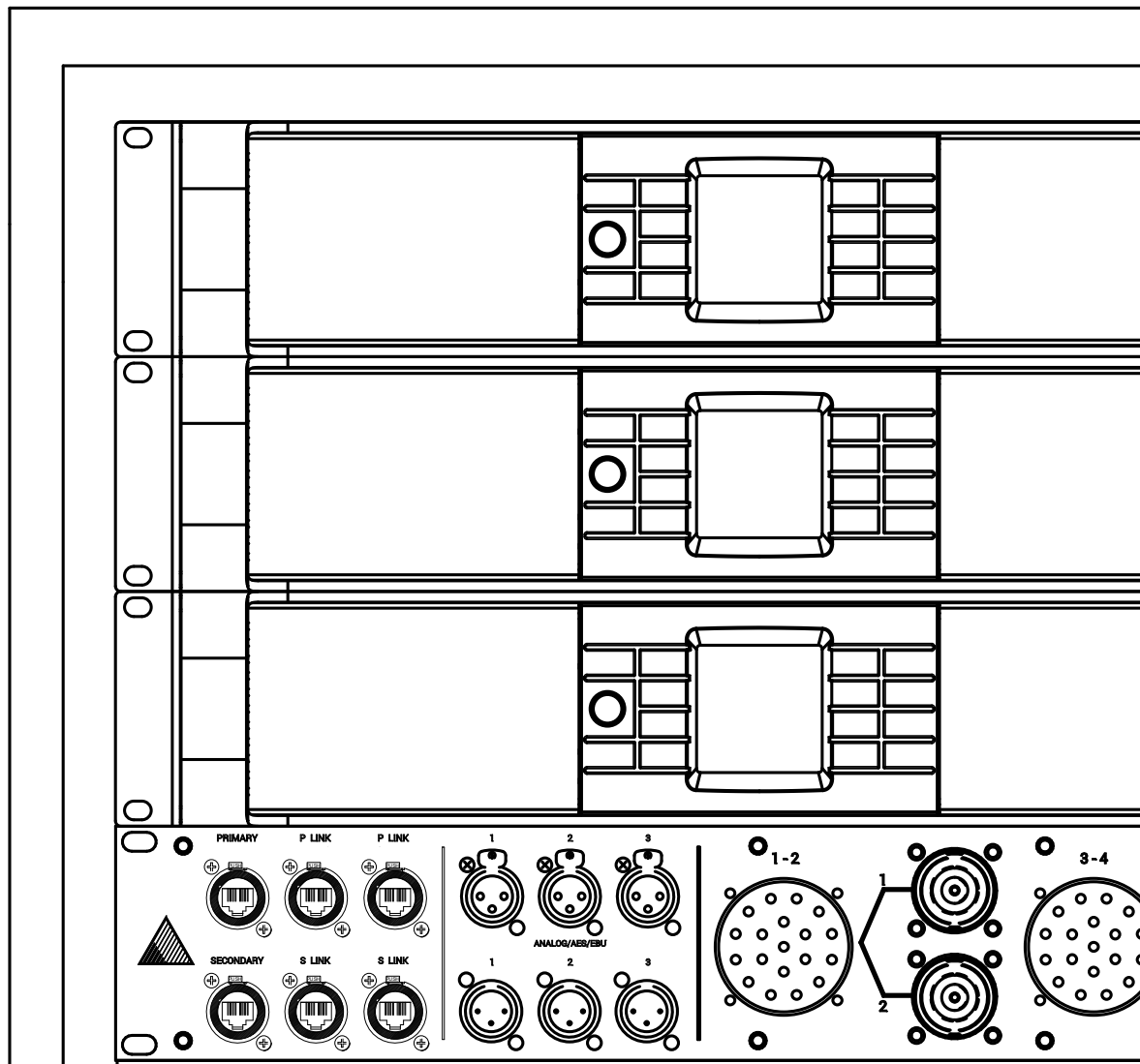


Amplification Chart

V5.2

Distribution Date
July 7th, 2021



Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

- The following charts presume amplifiers running on 208 / 230 V for maximum performance. Lower mains voltage can reduce available headroom.
- Maximum recommended speaker cable length per circuit 100 ft / 30 m, with minimum AWG 11 / 4 mm² wires. Extended length or reduced section can reduce performance.

Family	Product	Channels Used	PLM20K44 / D200:4		PLM12K44 / D120:4	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
E-Series	E15	4	3	3	N/A	N/A
	E12	4	3	3	N/A	N/A
	E219	2	2	3*	N/A	N/A
	E119	1	2	6*	N/A	N/A
S-Series	S10 / S10n	2	4	8	4	8
	S119	1	2	8	2	4
	S7	2	4	8	4	8
	S118	1	4	16	4	12
	S10p	2	4	8	4	8
	S7p (Bi-Amped)	2	4	8	4	8
	S7p (Passive)	1	3	12	3	12
IS-Series	IS10 / IS10n	2	4	8	4	8
	IS119	1	2	8	2	4
	IS7	2	6	12	6	12
	IS118	1	4	16	4	12
	IS10p	2	4	8	4	8
	IS7p	2	4	8	4	8
	IS7px	1	3	12	3	12
	IS219	1	1	3*	N/A	N/A
M-Series	M15A	2	3	6	3	6
	M15P	1	3	12	3	10
	M12A	2	3	6	3	6
	M12P	1	3	12	3	10
	M215	2	2	4	2	4
	M212	2	2	4	2	4

* The use of eight SD19 drivers per amp requires 208 / 230 V mains voltage operation. Depending on source material it may reduce headroom and will increase thermal load. It is not recommended for sustained maximum output applications. Please contact Adamson support in case of any questions.

Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

Family	Product	Channels Used	PLM20K44 / D200:4		PLM12K44 / D120:4	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
Point Series	P8P	1	4	16	4	16
	P12A	2	3	6	3	6
	P12P	1	3	12	3	10
	P15A	2	3	6	3	6
	P15P	1	3	12	3	10
	P115P + P8P	1	1	4	1	4
	P115A	1	4	16	3	12
	P215	1	2	8	2	6
	A218	1	2	6	2	4
Point Concentric Series	PC5	1	2	8	2	8
	PC6	1	3	12	3	12
	PC8	1	2	8	2	8
	PC10	1	2	8	2	8
	PC12	1	2	8	2	8
Legacy Products	E218	2	3	6	N/A	N/A
	Y18	4	2	2	2	2
	Y10 / Y10K	4	4	4	4	4
	T21	2	1	2	N/A	N/A
	SX18A	3	4	4	4	4
	SX18P	2	4	8	4	8
	MTX / MTXW	2	8	16	8	12
	MTB	1	2	8	2	6
	SPK / SPKW	3	4	4	4	4
SPB	1	2	6	2	5	

Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

Family	Product	Channels Used	D80:4		PLM 5K44		D40:4	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
E-Series	E15	4	N/A	N/A	N/A	N/A	N/A	N/A
	E12	4	N/A	N/A	N/A	N/A	N/A	N/A
	E219	2	N/A	N/A	N/A	N/A	N/A	N/A
	E119	1	N/A	N/A	N/A	N/A	N/A	N/A
S-Series	S10 / S10n	2	4	5	N/A	N/A	N/A	N/A
	S119	1	1	3	N/A	N/A	N/A	N/A
	S7	2	4	6	2	4	2	3
	S118	1	2	8	1	4	1	4
	S10p	2	4	5	1	2	1	2
	S7p (Bi-Amped)	2	4	6	2	4	2	3
	S7p (Passive)	1	3	8	1	4	1	4
IS-Series	IS10 / IS10n	2	4	5	1	2	1	2
	IS119	1	1	3	N/A	N/A	N/A	N/A
	IS7	2	6	8	2**	4**	2**	4**
	IS118	1	2	8	1	4	1	4
	IS10p	2	3	4	1	2	1	2
	IS7p	2	4	8	2	4	2	3
	IS7px	1	3	8	1	4	1	4
	IS219	1	N/A	N/A	N/A	N/A	N/A	N/A
M-Series	M15A	2	3	6	1	2	1	2
	M15P	1	3	6	1	4	1	3
	M12A	2	3	6	1	2	1	2
	M12P	1	3	6	1	4	1	3
	M215	2	2	3	N/A	N/A	N/A	N/A
	M212	2	2	3	N/A	N/A	N/A	N/A

** LF headroom reduced by 2 dB. Only recommended for fill applications.

Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

Family	Product	Channels Used	D80:4		PLM 5K44		D40:4	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
Point Series	P8P	1	4	14	2	8	2	6
	P12A	2	3	6	1	2	1	2
	P12P	1	2	8	1	4	1	3
	P15A	2	3	6	1	2	1	2
	P15P	1	2	8	1	4	1	3
	P115P + P8P	1	1	4	1	4	1	3
	P115A	1	3	8	1	4	1	4
	P215	1	2	4	N/A	N/A	N/A	N/A
	A218	1	2	3	N/A	N/A	N/A	N/A
Point Concentric Series	PC5	1	2	8	2	8	2	8
	PC6	1	3	12	3	12	3	12
	PC8	1	2	8	1	4	1	4
	PC10	1	2	8	1	4	1	4
	PC12	1	2	8	1	4	1	4
Legacy Products	E218	2	N/A	N/A	N/A	N/A	N/A	N/A
	Y18	4	1	1	N/A	N/A	N/A	N/A
	Y10 / Y10K	4	2	2	N/A	N/A	N/A	N/A
	T21	2	N/A	N/A	N/A	N/A	N/A	N/A
	SX18A	3	3	3	2	2	1	1
	SX18P	2	3	4	1	2	1	2
	MTX / MTXW	2	8	12	3	6	3	6
	MTB	1	2	4	N/A	N/A	N/A	N/A
	SPK / SPKW	3	4	4	2	2	2	2
	SPB	1	2	3	N/A	N/A	N/A	N/A

Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

Family	Product	Channels Used	PLM 10000Q		PLM 20000Q		IPD 2400	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
E-Series	E15	4	N/A	N/A	3	3	N/A	N/A
	E12	4	N/A	N/A	3	3	N/A	N/A
	E219	2	N/A	N/A	2	3*	N/A	N/A
	E119	1	N/A	N/A	2	6*	N/A	N/A
S-Series	S10 / S10n	2	3	6***	4	8***	N/A	N/A
	S119	1	1	4	2	8	N/A	N/A
	S7	2	3	6***	4	8***	N/A	N/A
	S118	1	3	12	4	16	N/A	N/A
	S10p	2	3	6	4	8	N/A	N/A
	S7p (BiAmp)	2	3	6	4	8	N/A	N/A
	S7p (Passive)	1	3	10	3	12	N/A	N/A
IS-Series	IS10	2	3	6***	4	8***	N/A	N/A
	IS119	1	1	4	2	8	N/A	N/A
	IS7	2	N/A	N/A	6	12***	N/A	N/A
	IS118	1	3	12	2	8	N/A	N/A
	IS10p	2	3	6	4	8	N/A	N/A
	IS7p	2	3	6	4	8	N/A	N/A
	IS7px	1	3	10	3	12	N/A	N/A
	IS219	1	N/A	N/A	1	3*	N/A	N/A
M-Series	M15A	2	2	4	3	6	N/A	N/A
	M15P	1	2	8	3	12	N/A	N/A
	M12A	2	2	4	3	6	N/A	N/A
	M12P	1	2	8	3	12	N/A	N/A
	M215	2	1	2	2	4	N/A	N/A
	M212	2	1	2	2	4	N/A	N/A

* The use of eight SD19 drivers per amp requires 208 / 230 V mains voltage operation. Depending on source material it may reduce headroom and will increase the thermal load. It is not recommended for sustained maximum output applications. Please contact Adamson support in case of any questions.

*** Only one processing module available. All cabinets are driven from the same input signal.

Adamson Amplification Chart V5.2



Maximum Cabinet Count per Amplifier

Family	Product	Channels Used	PLM 10000Q		PLM 20000Q		IPD 2400	
			# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp
Point Series	P8P	1	4	16	4	16	1	2
	P12A	2	3	6	3	6	1	1
	P12P	1	3	10	3	12	1	2
	P15A	2	3	6	3	6	1	1
	P15P	1	3	10	3	12	1	2
	P115P + P8P	1	1	4	1	4	1	2
	P115A	1	3	12	4	16	1	2
	P215	1	1	4	2	8	N/A	N/A
	A218	1	1	4	2	6	N/A	N/A
Point Concentric Series	PC5	1	2	8	2	8	1	2
	PC6	1	3	12	3	12	2	4
	PC8	1	2	8	2	8	1	2
	PC10	1	2	8	2	8	1	2
	PC12	1	2	8	2	8	1	2
Legacy Products	E218	2	N/A	N/A	3	6	N/A	N/A
	Y18	4	2	2	2	2	N/A	N/A
	Y10 / Y10K	4	4	4	4	4	N/A	N/A
	T21	2	N/A	N/A	1	2	N/A	N/A
	SX18A	3	3	3	4	4	N/A	N/A
	SX18P	2	3	6	4	8	N/A	N/A
	MTX / MTXW	2	6	12	8	16	N/A	N/A
	MTB	1	1	4	2	8	N/A	N/A
	SPK / SPKW	3	4	4	4	4	N/A	N/A
	SPB	1	1	4	2	8	N/A	N/A

Adamson Amplification Chart V5.2



Version History

V5.2

- Added Version History
- Corrected IS219 channels used and # per circuit
- PLM5k44 and D40:4 support for (I)S118, (I)S7, (I)S7p and (I)S10p
- Corrected number of (I)S118 per D40

V5.1

- Minor layout changes
- Added title page including version number and release date
- Moved E218 to the legacy section
- Updated note for SD19 drivers

V5.0

- Minor layout changes
- Added S7p, S10p and IS219
- Moved Metrix and Spektrix to the legacy section
- Changed note for SD19 drivers
- Changed naming of retired section to legacy section

V1.0

- First version of this document replacing all other places information on amplifier capacity was published before

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