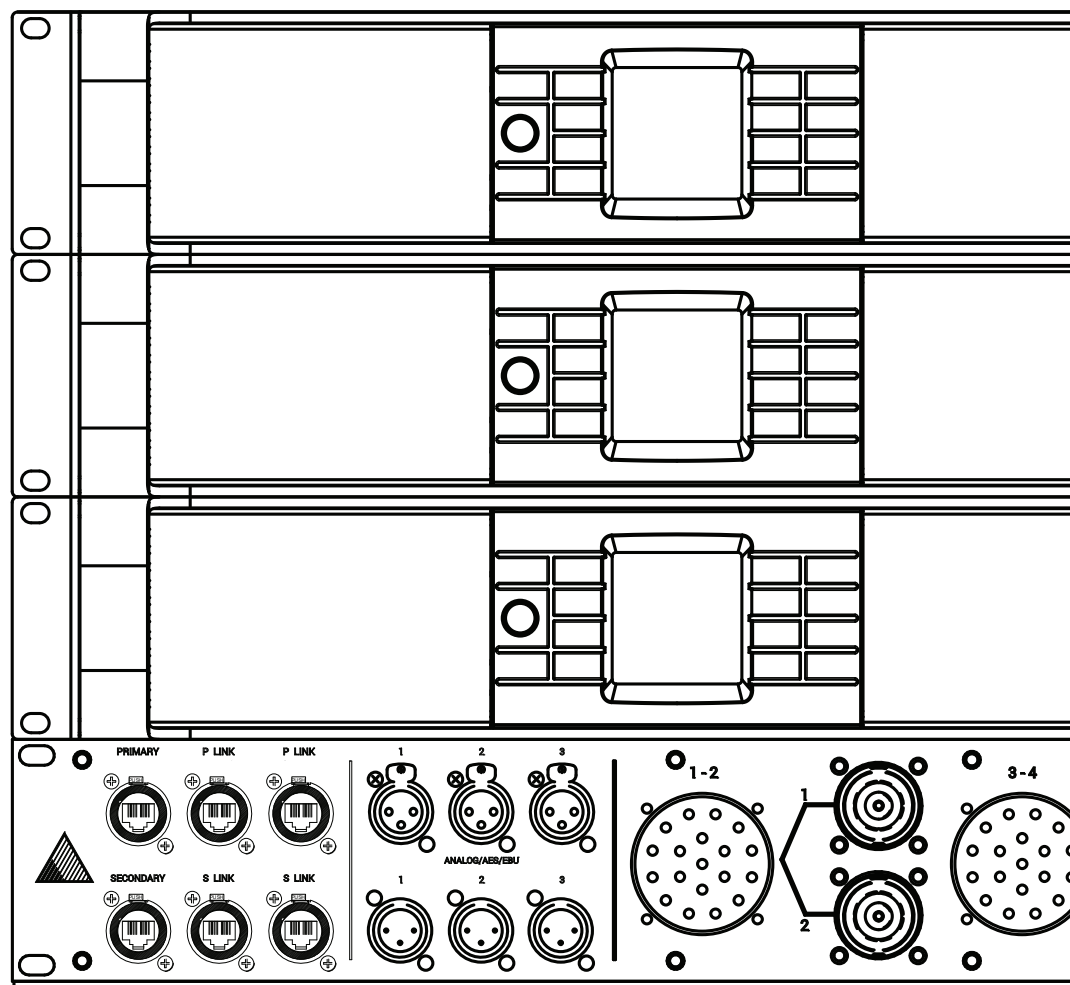


# Amplification Chart

## V6.0

Distribution Date  
November 15, 2024





# Adamson Amplification Chart

## 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 mm<sup>2</sup> wires. Extended length or reduced section can reduce performance.

	Product	Channels Used	PLM20K44 D200:4		PLM12K44 D120:4		PLM8K44 D80:4		PLM5K44		D40:4		IPD2400 IPX2400		PLM 20000Q		PLM 10000Q	
			# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit
E-Series	E15	4	3	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	3	N/A	N/A
	E12	4	3	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	3	N/A	N/A
	E219	2	2	3*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	3*	N/A	N/A
	E119	1	2	6*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	6*	N/A	N/A
S-Series	S10 / S10n	2	4	8	4	8	4	5	N/A	N/A	N/A	N/A	N/A	N/A	4	8**	3	6**
	S119	1	2	8	2	4	1	3	N/A	N/A	N/A	N/A	N/A	N/A	2	8	1	4
	S7	2	4	8	4	8	4	6	1	2	1	2	N/A	N/A	4	8**	3	6**
	S118	1	4	16	4	12	2	8	1	4	1	4	N/A	N/A	4	16	3	12
	S10p	2	4	8	4	8	4	5	1	2	1	2	N/A	N/A	4	8	3	6
	S7p (Bi-Amped)	2	4	8	4	8	4	6	1	2	1	2	N/A	N/A	4	8	3	6
	S7p (Passive)	1	3	12	3	12	3	6	1	4	1	4	N/A	N/A	3	12	3	10
Monitor Series	M15A	2	3	6	3	6	3	6	1	2	1	2	N/A	N/A	3	6	2	4
	M15P	1	3	12	3	10	3	6	1	4	1	3	N/A	N/A	3	12	2	8
	M12A	2	3	6	3	6	3	6	1	2	1	2	N/A	N/A	3	6	2	4
	M12P	1	3	12	3	10	3	6	1	4	1	3	N/A	N/A	3	12	2	8
	M215	2	2	4	2	4	2	3	N/A	N/A	N/A	N/A	N/A	N/A	2	4	1	2
	M212	2	2	4	2	4	2	3	N/A	N/A	N/A	N/A	N/A	N/A	2	4	1	2

\* 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.

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

\*\*\* PC5 is not supported with IPX 2400.



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			# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit
IS-Series	IS10 / IS10n	2	4	8	4	8	4	5	1	2	1	2	N/A	N/A	4	8**	3	6**
	IS119	1	2	8	2	4	1	3	N/A	N/A	N/A	N/A	N/A	N/A	2	8	1	4
	IS7	2	6	12	6	12	6	8	2	4	2	4	N/A	N/A	6	12**	N/A	N/A
	IS118	1	4	16	4	12	2	8	1	4	1	4	N/A	N/A	2	8	3	12
	IS10p	2	4	8	4	8	4	5	1	2	1	2	N/A	N/A	4	8	3	6
	IS7p	2	4	8	4	8	4	6	1	2	1	2	N/A	N/A	4	8	3	6
	IS7px	1	3	12	3	12	3	6	1	4	1	4	N/A	N/A	3	12	3	10
	IS7c	1	8	32	8	20	8	13	2	8	2	6	N/A	N/A	8	32	5	18
	IS5c	1	8	32	8	32	8	32	5	20	4	16	3	6	8	32	8	32
	IS213	1	1	4	1	4	1	2	N/A	N/A	N/A	N/A	N/A	N/A	1	4	N/A	N/A
	IS219	1	1	3*	1	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	3*	N/A	N/A
Point Series	P8P	1	4	16	4	16	4	14	2	8	2	6	1	2	4	16	4	16
	P115P + P8P	1	1	4	1	4	1	4	1	4	1	3	1	2	1	4	1	4
	P115A	1	4	16	3	12	3	8	1	4	1	4	1	2	4	16	3	12
	P215	1	2	8	2	6	2	4	N/A	N/A	N/A	N/A	N/A	N/A	2	8	1	4
	PC5	1	2	8	2	8	2	8	2	8	2	8	1***	2***	2	8	2	8
	PC8	1	2	8	2	8	2	8	1	4	1	4	1	2	2	8	2	8
Monitor Series	M15A	2	3	6	3	6	3	6	1	2	1	2	N/A	N/A	3	6	2	4
	M15P	1	3	12	3	10	3	6	1	4	1	3	N/A	N/A	3	12	2	8
	M12A	2	3	6	3	6	3	6	1	2	1	2	N/A	N/A	3	6	2	4
	M12P	1	3	12	3	10	3	6	1	4	1	3	N/A	N/A	3	12	2	8
	M215	2	2	4	2	4	2	3	N/A	N/A	N/A	N/A	N/A	N/A	2	4	1	2
	M212	2	2	4	2	4	2	3	N/A	N/A	N/A	N/A	N/A	N/A	2	4	1	2

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		# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit	# Per Amp	# Per Circuit
Legacy Products	P12A	2	3 6	3 6	3 6	3 6	1 2	1 2	1 2	1 1	3 6	3 6	3 6	3 6	3 6	3 6	3 6
	P12P	1	3 12	3 10	2 8	1 4	1 3	1 2	3 10	3 12	3 10	3 12	3 10	3 12	3 10	3 12	3 10
	P15A	2	3 6	3 6	3 6	1 2	1 2	1 1	3 6	3 6	3 6	3 6	3 6	3 6	3 6	3 6	3 6
	P15P	1	3 12	3 10	2 8	1 4	1 3	1 2	3 10	3 12	3 10	3 12	3 10	3 12	3 10	3 12	3 10
	PC6	1	3 12	3 12	3 12	3 12	3 12	2 4	3 12	2 4	3 12	3 12	2 4	3 12	3 12	3 12	3 12
	PC10	1	2 8	2 8	2 8	1 4	1 4	1 2	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8
	PC12	1	2 8	2 8	2 8	1 4	1 4	1 2	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8
	A218	1	2 6	2 4	2 3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	2 6	1 4	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	E218	2	3 6	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	3 6	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	Y18	4	2 2	2 2	1 1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	2 2	2 2	2 2	2 2	2 2	2 2
	Y10 / Y10K	4	4 4	4 4	2 2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	4 4	4 4	4 4	4 4	4 4	4 4
	T21	2	1 2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	1 2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	SX18A	3	4 4	4 4	3 3	2 2	1 1	N/A N/A	4 4	3 3	2 2	4 4	4 4	4 4	4 4	4 4	4 4
	SX18P	2	4 8	4 8	3 4	1 2	N/A N/A	4 8	3 4	1 2	N/A N/A	4 8	4 8	4 8	4 8	4 8	4 8
	MTX / MTXW	2	8 16	8 12	8 12	3 6	3 6	N/A N/A	8 16	8 12	8 12	8 16	8 12	8 16	8 12	8 16	8 12
	MTB	1	2 8	2 6	2 4	N/A N/A	N/A N/A	N/A N/A	2 8	2 6	2 4	N/A N/A	2 8	2 6	2 4	N/A N/A	N/A N/A
	SPK / SPKW	3	4 4	4 4	4 4	2 2	2 2	N/A N/A	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4
	SPB	1	2 6	2 5	2 3	N/A N/A	N/A N/A	N/A N/A	2 6	2 5	2 3	N/A N/A	2 6	2 5	2 3	N/A N/A	N/A N/A

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# Adamson Amplification Chart



## Version History

### V6.0

- New Layout
- Added PLM+8k44
- Excluded PC5 for IPX.
- Changed maximum IS213 per circuit to 1.
- Changed maximum of S7, IS7p and S7p per circuit on PLM5k44 and D40 to 1.
- Corrected some inconsistent ratings between IS-Series and S-Series for D80 / PLM+ 8k44.

### V5.4

- Added IS7c

### V5.3

- Added IS5c
- Added IS213
- Adjusted the name of IPD to IPD / IPX
- Added channels used and # per circuit for IS219 on PLM+ 12k44

### 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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