LD ADA 12K4 / LD ADA 8K4
PRESET OVERVIEW
DATA SHEET – LDADA12K4; LDADA8K4

LD systems

GENERAL INFORMATION

SYSTEM DELAY

ADA series amplifiers have a fixed latency of 2.5 ms. **LD Systems** PA presets add an additional 5 ms delay when driven by an ADA amplifier.
For low-latency applications, please use the dedicated low-latency / monitor presets. This will keep the delay at the amplifier's fixed latency.

MAXIMUM NUMBER OF LOUDSPEAKERS (OUTPUT / AMPLIFIER)

Loudspeaker Model	Maximum Number of Loudspeakers (Output / Amplifier)	
	ADA 8K4	ADA 12K4
Stinger 8 G3	4 / 4	
Stinger 10 G3	4 / 4	
Stinger 12 G3	4 / 4	
Stinger 15 G3	4 / 4	
(Two SPK @[1]) Stinger SUB 15 G3	(2 / 4) 1 / 4	
(Two SPK @[1]) Stinger SUB 18 G3	(2 / 4) 1 / 4	
Maila SAT X	4 / 2	
Maila 1-8 x SAT + SAT X	1 / 2	
Maila 1-8 x SAT + COL	1 / 2	
Maila SUB 15	1 / 4	2 / 4
Maila SUB 2x15	1 / 4[2]	1 / 4

[1]Parallel linking of 2 loudspeakers

[2]The product will not reach its maximum performance.

PRESET TABLES

FLAT

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
FLAT	1	PA	Default flat preset / no settings	-

STINGER 8 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
Flat	1	PA	FIR Filter based	-
Fullrange	1	PA	FIR Filter based	-
Satellite	1	PA	FIR Filter based	-

STINGER 10 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
Flat	1	PA	FIR Filter based	-
Fullrange	1	PA	FIR Filter based	-
Monitor – Low Latency	1	PA		-
Satellite	1	PA	FIR Filter based	-

STINGER 12 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
Flat	1	PA	FIR Filter based	-
Fullrange	1	PA	FIR Filter based	-
Monitor – Low Latency	1	PA		-
Satellite	1	PA	FIR Filter based	-

STINGER 15 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
Flat	1	PA	FIR Filter based	-
Fullrange	1	PA	FIR Filter based	-
Monitor – Low Latency	1	PA		-
Satellite	1	PA	FIR Filter based	-

STINGER 28 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
Flat	1	PA	FIR Filter based	-
Fullrange	1	PA	FIR Filter based	-
Satellite	1	PA	FIR Filter based	-

STINGER SUB 15 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
80 Hz	1	1X		-
100 Hz	1	1X		-
120 Hz	1	1X		-
Cardioid – 100 Hz	1	1X		Limiter adjusted
Monitor – Low Latency – 100 Hz	1	1X		-
Two SPK @ 80 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ 100 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ 120 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ C – 100 Hz	1	2X	Parallel linking of 2 loudspeakers	Limiter adjusted
Two SPK @ Low Latency – 100 Hz	1	2X	Parallel linking of 2 loudspeakers	-

STINGER SUB 18 G3

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
80 Hz	1	1X		-
100 Hz	1	1X		-
120 Hz	1	1X		-
Cardioid – 100 Hz	1	1X		Limiter adjusted
Monitor – Low Latency – 100 Hz	1	1X		-
Two SPK @ 80 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ 100 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ 120 Hz	1	2X	Parallel linking of 2 loudspeakers	-
Two SPK @ C – 100 Hz	1	2X	Parallel linking of 2 loudspeakers	Limiter adjusted
Two SPK @ Low Latency – 100 Hz	1	2X	Parallel linking of 2 loudspeakers	-

MAILA SAT + SAT X

Application	Amp-Chn.	Chn. Naming	Setup Parameter				Preset Notes	Changes to previous Version
			Height[1]	Distance[2]	Pickup[3]	Curving (top;bottom)		
1 × SAT + SAT X FLY	2	LF / HF	4 m	5 m	9	7°	FIR Filter based	-
				10 m	6			
				15 m	5			
1 × SAT + SAT X GND	2	LF / HF	1.5 m	5 ... 15 m	-	8°	FIR Filter based	-
2 × SAT + SAT X FLY	2	LF / HF	4 m	5 m	10	5°, 6°	FIR Filter based	-
				10 m	7			
				15 m	5			
				20 m	4			
2 × SAT + SAT X GND	2	LF / HF	1.5 m	5 ... 15 m	-	4°, 6°	FIR Filter based	-
3 × SAT + SAT X FLY	2	LF / HF	4.5 m	10 m	8	2°, 4°, 7°	FIR Filter based	-
				15 m	7			
				20 m	6			
				25 m	5			
3 × SAT + SAT X GND	2	LF / HF	1.5 m	10 ... 20 m	-	0°, 3°, 4°	FIR Filter based	-
4 × SAT + SAT X FLY	2	LF / HF	4.5 m	15 m	8	2°, 2°, 3°, 7°	FIR Filter based	-
				20 m	6			
				25 m	5			
				30 m	4			
5 × SAT + SAT X FLY	2	LF / HF	5 m	15 m	9	4°, 1°, 3°, 3°, 5°	FIR Filter based	-
				20 m	8			
				25 m	7			
				30 m	6			
				35 m	5			
6 × SAT + SAT X FLY	2	LF / HF	5 m	15 m	11	2°, 1°, 1°, 2°, 4°, 6°	FIR Filter based	-
				20 m	8			
				25 m	7			
				30 m	7			
				35 m	6			
7 × SAT + SAT X FLY	2	LF / HF	5.5 m	15 m	12	4°, 0°, 2°, 2°, 2°, 4°, 6°	FIR Filter based	-
				20 m	10			
				25 m	8			
				30 m	7			
				35 m	6			
8 × SAT + SAT X FLY	2	LF / HF	5.5 m	15 m	13	0°, 4°, 0°, 2°, 2°, 2°, 4°, 6°	FIR Filter based	-
				20 m	11			
				25 m	9			
				30 m	7			
				35 m	6			
SAT X	2	LF / HF	-	-	-	-	FIR Filter based	-

[1]Flown array: Rigging height including EasyMount+ / height of truss | Ground stack applications: lower edge of SAT array [2]Maximum distance that is covered by the array's radiation [3]Pickup-Point: Defined by MAILA EasyMount+

MAILA SAT + COL P

Application	Amp-Chn.	Chn. Naming	Setup Parameter				Preset Notes	Changes to previous Version
			Height[1]	Distance[2]	Pickup[3]	Curving (top;bottom)		
1 × SAT + COL FLY	2	LF / HF	4.5 m	5 m	13	8°	FIR Filter based	-
				10 m	8			
1 × SAT + COL GND	2	LF / HF	2 m	5 ... 10 m	-	3°	FIR Filter based	-
2 × SAT + COL FLY	2	LF / HF	4.5 m	5 m	11	8°, 8°	FIR Filter based	-
				10 m	7			
				15 m	6			
2 × SAT + COL GND	2	LF / HF	2 m	5 ... 15 m	-	3°, 1°	FIR Filter based	-
3 × SAT + COL FLY	2	LF / HF	5 m	10 m	9	8°, 4°, 8°	FIR Filter based	-
				15 m	7			
				20 m	5			
3 × SAT + COL GND	2	LF / HF	2 m	10 ... 20 m	-	0°, 3°, 1°	FIR Filter based	-
4 × SAT + COL FLY	2	LF / HF	5 m	10 m	9	8°, 2°, 4°, 6°	FIR Filter based	-
				15 m	7			
				20 m	6			
				25 m	4			
4 × SAT + COL GND	2	LF / HF	2 m	15 ... 25 m	-	1°, 1°, 2°, 1°	FIR Filter based	-
5 × SAT + COL FLY	2	LF / HF	2 m	10 m	13	8°, 1°, 4°, 5°, 7°	FIR Filter based	-
				15 m	9			
				20 m	8			
				25 m	6			
				30 m	5			
5× SAT + COL GND	2	LF / HF	2 m	20 m ... 30 m	-	1°, 1°, 0°, 2°, 1°	FIR Filter based	-
6 × SAT + COL FLY	2	LF / HF	5.5 m	15 m	10	8°, 1°, 2°, 3°, 4°, 5°	FIR Filter based	-
				20 m	8			
				25 m	7			
				30 m	5			
				35 m	4			
6× SAT + COL GND	2	LF / HF	2 m	25 m ... 35 m	-	2°, 0°, 1°, 0°, 2°, 1°	FIR Filter based	-
7 × SAT + COL FLY	2	LF / HF	6 m	15 m	13	8°, 2°, 2°, 2°, 3°, 5°, 6°	FIR Filter based	-
				20 m	9			
				25 m	8			
				30 m	6			
				35 m	5			
8 × SAT + COL FLY	2	LF / HF	6 m	15 m	13	8°, 1°, 1°, 2°, 2°, 3°, 3°, 7°	FIR Filter based	-
				20 m	10			
				25 m	9			
				30 m	7			
				35 m	6			

[1]Flown array: Rigging height including EasyMount+ / height of truss | Ground stack applications: lower edge of SAT array [2]Maximum distance that is covered by the array's radiation [3]Pickup-Point: Defined by MAILA EasyMount+

MAILA SUB 15 P

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
80 Hz	1	LF		Channel naming changed
100 Hz	1	LF		Channel naming changed
120 Hz	1	LF		Channel naming changed
Cardioid – 100 Hz	1	LF		Limiter adjusted Channel naming changed

MAILA SUB P

Application	Amp Ch.	Ch. Naming	Preset Notes	Changes to previous Version
80 Hz	1	LF		Channel naming changed
100 Hz	1	LF		Channel naming changed
120 Hz	1	LF		Channel naming changed
Cardioid – 100 Hz	1	LF		Limiter adjusted Channel naming changed