DSP Products
Product Comparison Matrix

	Outputs					Inputs								DSP Features												Technology							Accessories								
		Amplified Channels			Line Outputs																													Extension Cards					Remote Controls			
	Number of DSP Channels	Watts @ 4Ω	Watts @ 2Ω	Max.*	Number	Max Voltage	HIGH-RES AUDIO	LINE INPUT	HIGH-RES INPUT	HIGH-LEVEL VOLTAGE	1:1 IOR	ADEP	CobraNet	OPTICAL INPUT	COAX INPUT	IEQ	ISA	ATM	VCP	SFX	AVB / AVB+	Sampling rate	Tuning Slots	ACO	DSP PC-TOOL	USB AUDIO INTERFACE	HD	AB	HD	GD	D	RPS	Remote Control CC-3	PLUG & PLAY		STAT STOP	made in Germany	BT HD (Bluetooth)	HD-AUDIO USB-INTERFACE	AUX IN	OPTICAL IN	ANALOG IN	DIRECTOR Display Remote Control	URC Universal Remote Control	WIFI CONTROL Wireless Remote Control	CONDUCTOR one touch Remote Control
HELIX DSP ULTRA	12	-	-	-	12	8	✓	8x	8x	4V - 32V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	32 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX DSP PRO MK3	10	-	-	-	10	8	✓	8x	8x	4V - 32V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	32 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX DSP PRO MK2	10	-	-	-	10	8	✓	8x	8x	5V - 20V		.1	✓	✓	✓	Stereo		✓			✓	32 Bit	96 kHz	2		V.4						✓	optional			✓	✓	✓	✓	✓	✓		✓	✓		
HELIX DSP.3S	8	-	-	-	8	6	✓	6x	6x	5V - 11V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	24 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
HELIX DSP.3	8	-	-	-	8	6	✓	6x	6x	5V - 11V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	32 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
HELIX DSP MINI MK2	6	-	-	-	6	6	✓	4x	4x	5V - 11V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	24 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX DSP MINI	6	-	-	-	6	4	✓	4x	4x	5V - 11V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	24 Bit	96 kHz	10	✓	V.5						✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX P SIX DSP ULTIMATE	12	6 x 120	2 x 120 / 4Ω 4 x 230 / 2Ω	2 x 145 4 x 285	4	3	✓	6x	6x	4V - 32V		.3	✓	✓	✓	Individual	✓	✓	✓	✓	✓	24 Bit	96 kHz	10	✓	V.5		✓		✓		✓	optional			✓	✓	✓	✓			✓	✓**	✓	✓**	✓
HELIX P SIX DSP MK2	8	6 x 120	2 x 120 / 4Ω 4 x 230 / 2Ω	2 x 140 4 x 260	2	3	✓	6x	6x	5V - 20V		.2	✓	✓		Stereo		✓			✓	24 Bit	96 kHz	2		V.4		✓				✓	optional			✓	✓	✓	✓	✓	✓		✓	✓		
HELIX V TWELVE DSP MK2	14	12 x 75	12 x 120	12 x 160	2	3		6x	12x	4V - 32V	✓	.3	✓	✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5				✓		✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX V TWELVE DSP	14	12 x 75	12 x 120	12 x 160	2	3		6x	12x	4V - 32V	✓	.3	✓	✓		Individual	✓	✓	✓	✓	✓	32 Bit	48 kHz	10	✓	V.5				✓		✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX V EIGHT DSP MK2	10	8 x 75	8 x 120	8 x 160	2	3		6x	8x	4V - 32V	✓	.3	✓	✓		Individual	✓	✓	✓	✓	✓	32 Bit	48 kHz	10	✓	V.5				✓		✓	optional			✓	✓	✓	✓				✓	✓	✓	✓
HELIX V EIGHT DSP	10	8 x 75	8 x 120	8 x 160	2	3		6x	6x	5V - 20V		.2	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4				✓		✓	optional			✓	✓	✓	✓	✓	✓		✓	✓		
HELIX M SIX DSP	10	6 x 100 or 3 x 200	6 x 100	6 x 130	4	6		6x	6x	5V - 20V		.3		✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5					✓		optional			✓							✓	✓	✓	✓
HELIX M FOUR DSP	10	4 x 100 or 2 x 200	4 x 100	4 x 135	6	6		6x	6x	5V - 20V		.3		✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5					✓		optional			✓							✓	✓	✓	✓
MATCH UP 10DSP	11	8 x 65 + 2 x 90	8 x 65 / 4Ω + 2 x 130	8 x 80 + 2 x 160	1	3			8x	A-P: 4 - 16V G-H: 4 - 16V or 8 - 32V		.3	✓	✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5				✓		✓	optional	✓	✓	✓	✓				✓		✓	✓	✓	✓
MATCH UP 10DSP with MEC ANALOG IN	11	8 x 65 + 2 x 90	8 x 65 / 4Ω + 2 x 130	8 x 80 + 2 x 160	1	3		2x	10x	A-P: 4 - 16V G-H: 4 - 16V or 8 - 32V	✓	.3		✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5				✓		✓	optional	✓	✓	✓	✓						✓	✓	✓	✓
MATCH UP 8DSP	9	6 x 65 + 2 x 90	6 x 65 / 4Ω + 2 x 130	6 x 80 + 2 x 160	1	3			6x	2.8V - 11V		.3	✓	✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5				✓		✓	optional	✓	✓	✓	✓				✓		✓	✓	✓	✓
MATCH UP 7BMW	8	5 x 65 + 2 x 90	5 x 65 / 4Ω + 2 x 130	5 x 80 + 2 x 160	1	3			4x	2V - 8.3V		.3	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4			✓			✓	optional	✓	✓	✓	✓				✓		✓	✓		
MATCH UP 7DSP	8	5 x 65 + 2 x 90	5 x 65 / 4Ω + 2 x 130	5 x 80 + 2 x 160	1	3			4x	5V - 11V		.3	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4			✓			✓	optional	✓	✓	✓	✓				✓		✓	✓		
MATCH UP 7DSP with MEC ANALOG IN	8	5 x 65 + 2 x 90	5 x 65 / 4Ω + 2 x 130	5 x 80 + 2 x 160	1	3		2x	6x	5V - 11V		.3	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4			✓			✓	optional	✓	✓	✓	✓						✓	✓	✓	✓
MATCH M 5.4DSP	9	4 x 60 + 1 x 90	4 x 60 / 4Ω + 1 x 130	4 x 75 + 1 x 160	4	3			4x	5V - 11V		.3	✓	✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5					✓		optional	✓	✓	✓	✓						✓	✓	✓	✓
MATCH M 5DSP MK2	7	4 x 60 + 1 x 90	4 x 60 / 4Ω + 1 x 130	4 x 75 + 1 x 160	2	3			4x	11,2V		.3	✓	✓		Individual	✓	✓	✓	✓	✓	24 Bit	48 kHz	10	✓	V.5			✓			✓	optional	✓	✓	✓	✓						✓	✓	✓	✓
MATCH PP 86DSP	9	8 x 55	8 x 70	8 x 90	1	3			6x	5V - 11V		.2	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4	✓		✓			✓	optional	✓	✓	✓	✓	✓					✓	✓		
MATCH PP 62DSP	8	4 x 35 + 4 x 20	4 x 45 + 4 x 40	4 x 50 + 4 x 45	2	3			4x	5V - 11V		.2	✓	✓		Stereo		✓			✓	24 Bit	48 kHz	2		V.4		✓				✓	optional	✓	✓	✓	✓	✓					✓	✓		

* In typical multi-channel applications (2- / 3-way system + rear + subwoofer),- measured at lowest supported impedance
** Only in applications with 12 V supply voltage