SPEKTRUM
Innovative Spread Spectrum Technology

Transmitter Comparison Chart

Transmitter Transmitter model number	DXe (SPM1000) (SPMR1000)	DX6i (SPM6630) (SPMR6630)	DX6G2 (SPM6700) (SPMR6700)	DX6G3 (SPM6750) (SPMR6750)	DX7G2 (SPM7000) (SPMR7000)	DX8G2 (SPM8000) (SPMR8000)	DX9/ DX9 Black (SPM9900) (SPMR9900)	DX18G1 (SPM18000)	DX18G2 DX18Stealth (SPM18100) (SPM18200)	DX20 (SPM2000)
Channel Count	4 to 9	6	6	6	7	8	9	18	18	20
Channels @ 2048 Resolution	0	0 (6@1024)	6	6	6	6	9	12	12	12
Model Memory	Unlimited●	10	250	250	250	250	250	250	250	250
Gimbal	**bushing**	**bushing**	**4 bearing**	**4 bearing**	**4 bearing**	**4 bearing**	**4 bearing**	**4 bearing**	**4 bearing**	**4 bearing aluminum**
Adjustable stick tension	Yes	Yes◆	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable throttle ratchet/smooth	Yes	Yes◆	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable stick height	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modes	1, 2, 3, 4●	1, 2	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4
Wireless trainer link	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Wired trainer link	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Telemetry	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Digital trim	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SD card support	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modulation										
DSMX 22ms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DSMX 11ms	No	No	Yes *	Yes *	Yes *	Yes	Yes	Yes	Yes	Yes
DSM2 22ms	No	Yes**	Yes **	Yes **	Yes **	Yes	Yes **	Yes **	Yes **	Yes**
DSM2 11ms	No	No	Yes **	Yes **	Yes **	Yes	Yes **	Yes **	Yes **	Yes**
X-plus support	No	No	No	No	No	No	No	Yes	Yes	Yes
Antenna										
Adjustable	No	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Single fixed	Yes	n/a	Yes	n/a	n/a	Yes	n/a	n/a	n/a	n/a
Diversity (2 fixed)	n/a	n/a	n/a	Yes	No	Yes	Yes	Yes	Yes	Yes
Battery										
Included battery	4 x AA	4 x AA	4 x AA	4 x AA	2000mAh Lithium Ion	2000mAh Lithium Ion	2000mAh Lithium Ion	2600mAh LiPo	2600mAh LiPo	4000mAh LiPo
Included battery model number	n/a	n/a	n/a	n/a	SPMA9602	SPMA9602	SPMB2000LPTX	SPMB2600LPTX	SPMB2600LPTX	SPMB4000LPTX
Charger power supply included	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Internal charger for lithium battery packs	No	n/a	Included in optional 2000mAh Li pack (SPMA9602)	Included in optional 2000mAh Li pack (SPMA9602)	Yes	Yes	Yes	Yes	Yes	Yes
Battery chemistries supported***	A,N, LI, LP	A, N	A, N, LI, LP	A, N, LI, LP	A, N, LI, LP	A, N, LI, LP	A, N, LI, LP	N, LI, LP	N, LI, LP	N, LI, LP
Switches										
Push button/momentary ****	2	1◆◆	1	1	1	1	1	1	1	1
2 position toggle	3	7	4	4	2	2	2	2	2	2
3 position toggle	3	0	3	3	5	5	6	6	6	6
Digital Trimmers	0	0	0	0	0	0	2	2	2	2
Sliders										
Number	0	0	0	0	0	0	2	2	2	2
Position	n/a	0	n/a	n/a	n/a	n/a	Back	Side	Side	Side
Rotary knob										
Number	n/a	0	0	0	1	1	1	1	1	1
Position	n/a	n/a	n/a	n/a	Front Right	Front Right	Top Right	Top Right	Top Right	Top Right
LCD display										
Resolution	n/a	n/a Mono	192x96 Mono	192x96 Mono	192x96 Mono	192x96 Mono	192x96 Mono	192x96 Mono	192x96 Mono	192x96 Mono
Backlight	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
General software										
Multi-engine feature	No	No	No	No	No	No	No	No	No	Yes (Acro only)
User-upgradeable firmware by SD	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Model cross-compatibility	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Programmable rates & expo	No●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Model to SD card save/load	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ModelMatch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cross trim support	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active gyro & governor trim	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Sequencer	No	0	0	0	0	0	2	5	5	5
SAFE/AS3X Support w/Panic Button	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Servo Setup										
Reverse	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sub trim	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Travel Adjust	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Servo balancing	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable servo speed	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Absolute travel adjustment	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Servo monitor shortcut from main screen	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Pro Trim	No	No	No	No	No	No	No	No	No	Yes
Model types										
Airplane	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sailplane	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Helicopter	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Rotor	No	No	Yes w/update	Yes	Yes w/update	Yes	Yes	Yes w/update	Yes w/update	Yes
Alerts										
Tone alerts	No	Limited	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voice alerts	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Vibration alerts	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Flight modes										
Airplane	3	n/a	3	3	3	3	5	5	5	5
Sailplane	0	n/a	5	5	5	10	10	10	10	10
Helicopter	0	n/a	4	4	4	4	5	5	5	5
Mulit-Rotor	n/a	n/a	5	5	5	5	5	5	5	5
Mixing										
Number of curve points	0	0	7	7	7	7	7	7	7	7
Preset mixes	0	0	3	3	3	3	3	3	3	3
Flap delay with Elevator compensation	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Programmable mixes	0	2	5	5	8	10	10	16	16	16
Curve-able Mixes (smooth)	0	0	5	5	8	8	8	8	8	8
Normal only	0	0	0	0	0	0	2	8	8	8
Mix rate increment	0	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	0.50%	0.50%
Origin mixing	No	No	No	No	No	No	No	No	Yes	Yes
Timers										
Timers	0	1	2	2	2	2	2	2	2	2
Throttle start	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch start	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Airplane wing types										
Single aileron	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flaperon	Yes●	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single aileron, single flap	Yes●	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Elevon	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Elevon-B	Yes●	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron + single flap	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single aileron + dual flap	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron + dual flap	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Quad aileron (biplane configuration)	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Six aileron (large 3D configuration)	No	No	No	No	No	No	No	Yes	Yes	Yes
Airplane tail types										
Normal	Yes●	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
V-tail A	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
V-tail B	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual elevator	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual rudder	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual rudder + dual elevator	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
1 Canard servos with Elevon	No	No	No	No	No	No	No	No	Yes	Yes
2 Canard servos with Elevon	No	No	No	No	No	No	No	No	Yes	Yes
Sailplane wing types										
Single aileron	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron + single flap	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual aileron + dual flap	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quad aileron + dual flap	n/a	n/a	No	No	No	Yes	Yes	Yes	Yes	Yes
Sailplane tail types										
Normal	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
V-tail A	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
V-tail B	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sailplane specific features										
Sailplane camber system	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sailplane camber preset	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Motor throttle switch assign	n/a	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Helicopter swashplate types										
Normal	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3-servo 120°	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3-servo 135°	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3-servo 140°	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3-servo 90°	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4-servo 90°	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2-servo 180°	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Rotor Aircraft Types										
Camera: None, 1-Axis, 2-Axis, 3-Axis	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Helicopter specific features										
5-point throttle curve	n/a	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
7-point throttle curve	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5-point pitch curve	n/a	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
7-point pitch curve	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7-point tail curve	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Swashplate timing	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cyclic-to-throttle mix	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Swashplate timing mix	n/a	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Differential										
Airplane: Aileron, Elevon, & V-tail	No	Aileron Only	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sailplane: Aileron, Elevon, & V-tail	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch customization										
Assignable switches	No	No	All	All	All	All	All	All	All	All
Digital switch setup	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Analog switch setup	No	No	No	No	No	No	No	Yes	Yes	Yes

NOTES:
(◆) – Requires removing the back of the transmitter
(◆◆) DX6i button for throttle cut only/Trainer activation on momentary switch
(*) – DSMX/11ms not available in EU, but is available in US
(**) – DSM2 not available in EU, but is available in US
(***) – Chemistries A=Alkaline, N = NiMH, LI = LiIon, LP = LiPo
(****) – Trainer button can be used as momentary input, as well as CLEAR and BACK in some situations
(●) - Via Mobile Application

www.spektrumrc.com

©2016 Horizon Hobby, LLC. DSM2, DSMX and the Horizon Hobby logo are registered trademarks of Horizon Hobby, LLC. The Spektrum trademark is used with permission of Bachmann Industries, Inc. 49890.3

HORIZON HOBBY