

Divine 160 - DMX protocols

RGBW version

Version 1.3

Mode 1 Channel	Mode 2* Channel	Mode 3 Channel	Mode 4 Channel	Value	Function	Type of control
1	1	-	-	0-19	Special functions Reserved (0=default) To activate following functions , stop in DMX value for at least 3 sec. Corresponding menu items are temporarily overridden.	
				20-24	Display On	step
				25-29	Display Off	step
				30-39	RGBW colour mixing mode	step
				40-49	CMY colour mixing mode	step
				50-59	Colour calibration mode On	step
				60-69	Colour calibration mode Off	step
				70-89	Reserved	
				90-99	Dimmer curve: linear	step
				100-109	Dimmer curve: square law	step
				110-119	White count On	step
				120-129	White count Off	step
				130-255	Reserved	
2	-	1	1	0-255	Red – all zones Red LEDs saturation control (0-100%) (255=default)	proportional
3	-	2	2	0-255	Green – all zones Green LEDs saturation control (0-100%) (255=default)	proportional
4	-	3	3	0-255	Blue – all zones Blue LEDs saturation control (0-100%) (255=default)	proportional
5	-	4	4	0-255	White – all zones White LEDs saturation control (0-100%) (255=default)	proportional
-	2	-	-	0-255	Red - zone 1 Red LEDs saturation control (0-100%) (255=default)	proportional
-	3	-	-	0-255	Green - zone 1 Green LEDs saturation control (0-100%) (255=default)	proportional
-	4	-	-	0-255	Blue - zone 1 Blue LEDs saturation control (0-100%) (255=default)	proportional
-	5	-	-	0-255	White - zone 1 White LEDs saturation control (0-100%) (255=default)	proportional
-	6	-	-	0-255	Red zone 2 Red LEDs saturation control (0-100%) (255=default)	proportional
-	7	-	-	0-255	Green - zone 2 Green LEDs saturation control (0-100%) (255=default)	proportional
-	8	-	-	0-255	Blue - zone 2 Blue LEDs saturation control (0-100%) (255=default)	proportional
-	9	-	-	0-255	White - zone 2 White LEDs saturation control (0-100%) (255=default)	proportional
-	10	-	-	0-255	Red - zone 3 Red LEDs saturation control (0-100%) (255=default)	proportional

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-	11	-	-	0-255	Green - zone 3 Green LEDs saturation control (0-100%) (255=default)	proportional
-	12	-	-	0-255	Blue - zone 3 Blue LEDs saturation control (0-100%) (255=default)	proportional
-	13	-	-	0-255	White - zone 3 White LEDs saturation control (0-100%) (255=default)	proportional
-	14	-	-	0-255	Red - zone 4 Red LEDs saturation control (0-100%) (255=default)	proportional
-	15	-	-	0-255	Green - zone 4 Green LEDs saturation control (0-100%) (255=default)	proportional
-	16	-	-	0-255	Blue - zone 4 Blue LEDs saturation control (0-100%) (255=default)	proportional
-	17	-	-	0-255	White - zone 4 White LEDs saturation control (0-100%) (255=default)	proportional
6	18	-	-	0 1-255	CTO - all zones No function (0=default) Colour temperature correction	step proportional
7	19	-	-	0 1-2 3 4-5 6 7-9 10-12 13-15 16 17-55 56 57 - 95 96 97 - 134 135 136 - 174 175 176 -214 215 216 - 246 247 248-251 252-255	Virtual colour wheel -all zones No function (0=default) White 2700 K White 2700 K (tungsten emulation)** White 3200 K White 3200 K (tungsten emulation)** White 4200 K White 5600 K White 8000 K Blue (Blue=full, Red+Green+White=0) Red=0, Green→up,Blue =full, White=0 Light Blue (Red=0, Green=full, Blue =full, white=0) Red=0, Green=full, Blue→down, White=0 Green (Red=0, Green=full, Blue =0, White=0) Red→up, Green=full, Blue=0, White=0 Yellow (Red=full, Green=full, Blue=0,White=0) Red=full, Green→down, Blue=0, White=0 Red (Red=full, Green=0, Blue=0, White=0) Red=full, Green=0, Blue→up, White=0 Magenta (Red=full, Green=0, Blue=full, White=0) Red→down, Green=0, Blue=full, White=0 Blue (Red=0, Green=0, Blue=full, White=0) Rainbow effect(with fade time) from min.->max. speed Rainbow effect(without fade time)from min.->max.speed	step step step step step step step step step step step proportional step proportional step proportional step proportional step proportional step proportional step proportional step proportional
8	20	-	-	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	Shutter/ Strobe – all zones Shutter closed Shutter open (32=default) Strobe-effect from slow to fast Shutter open Opening pulses in sequences slow--> fast Closing pulses in sequences fast --> slow Shutter open Random strobe-effects from slow to fast Shutter open	step step proportional step proportional proportional step proportional step
9	21	5	-	0 - 255	Dimmer coarse – all zones Dimmer intensity from 0% to 100% (0=default)	proportional

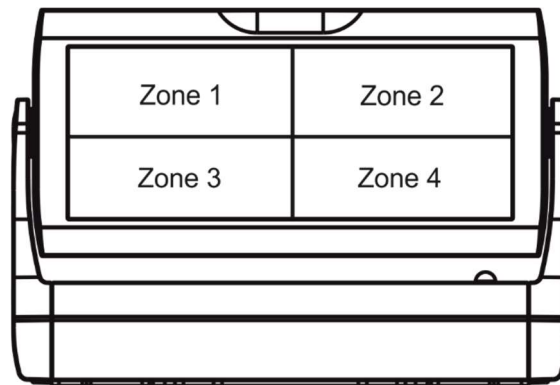
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10	22	-	-	0 - 255	Dimmer fine - all zones Dimmer intensity from min. → max. (0=default)	proportional
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*Default mode

**Halogen lamp effect during dimming

Zones:



SW version

Version 1.1

Mode 1 Channel	Mode 2* Channel	Mode 3 Channel	Mode 4 Channel	Value	Function	Type of control
1	1	-	-	0-19	Special functions Reserved (0=default) To activate following functions , stop in DMX value for at least 3 sec. Corresponding menu items are temporarily overridden.	step step step step
				20-24	Display On	
				25-29	Display Off	
				30-89	Reserved	
				90-99	Dimmer curve: linear	
				100-109	Dimmer curve: square law	
				110-255	Reserved	
2	-	1	1	0 - 255	Warm white - all zones Warm white LEDs saturation control (0-100%) (255=default)	proportional
3	-	2	2	0 - 255	Cool white - all zones Cool white LEDs saturation control (0-100%) (255=default)	proportional
-	2	-	-	0 - 255	Warm white - zone 1 Warm white LEDs saturation control (0-100%) (255=default)	proportional
-	3	-	-	0 - 255	Cool white - zone 1 Cool white LEDs saturation control (0-100%) (255=default)	proportional
-	4	-	-	0 - 255	Warm white - zone 2 Warm white LEDs saturation control (0-100%) (255=default)	proportional
-	5	-	-	0 - 255	Cool white - zone 2 Cool white LEDs saturation control (0-100%) (255=default)	proportional
-	6	-	-	0 - 255	Warm white - zone 3 Warm white LEDs saturation control (0-100%) (255=default)	proportional
-	7	-	-	0 - 255	Cool white - zone 3 Cool white LEDs saturation control (0-100%) (255=default)	proportional
-	8	-	-	0 - 255	Warm white - zone 4 Warm white LEDs saturation control (0-100%) (255=default)	proportional
-	9	-	-	0 - 255	Cool white - zone 4 Cool white LEDs saturation control (0-100%) (255=default)	proportional
4	10	-	-	0	Virtual colour wheel -all zones No function (0=default)	step step step step step step step step proportional
				1-2	White 2800 K	
				3-4	White 3200 K	
				5-6	White 3800 K	
				7-8	White 4200 K	
				9-10	White 4600 K	
				11-12	White 5000 K	
				13-14	White 5600 K	
				15-16	White 6300 K	
17-255	Warm white --> Cool white					
5	11	-		0-31	Shutter/ Strobe – all zones Shutter closed	step step proportional
				32-63	Shutter open (32=default)	
				64-95	Strobe-effect from slow to fast	

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				96-127 128-143 144-159 160-191 192-223 224-255	Shutter open Opening pulses in sequences slow--> fast Closing pulses in sequences fast --> slow Shutter open Random strobe-effects from slow to fast Shutter open	step proportional proportional step proportional step
6	12	3	-	0 - 255	Dimmer coarse – all zones Dimmer intensity from 0% to 100% (0=default)	proportional
7	13	-	-	0 - 255	Dimmer fine - all zones Dimmer intensity from min.—>max. (0=default)	proportional

*Default mode

Single colour version

Version 1.1

Mode 1 Channel	Mode 2* Channel	Mode 3 Channel	Value	Function	Type of control
1	1	-	0-19 20-24 25-29 30-89 90-99 100-109 110-255	Special functions Reserved (0=default) To activate following functions , stop in DMX value for at least 3 sec. Corresponding menu items are temporarily overridden. Display On Display Off Reserved Dimmer curve: linear Dimmer curve: square law Reserved	step step step step
-	2	-	0 - 255	Dimmer - zone 1 Dimmer intensity from 0% to 100% (255=default)	proportional
-	3	-	0 - 255	Dimmer - zone 2 Dimmer intensity from 0% to 100% (255=default)	proportional
-	4	-	0 - 255	Dimmer - zone 3 Dimmer intensity from 0% to 100% (255=default)	proportional
-	5	-	0 - 255	Dimmer - zone 4 Dimmer intensity from 0% to 100% (255=default)	proportional
2	6	-	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	Shutter/ Strobe – all zones Shutter closed Shutter open (32=default) Strobe-effect from slow to fast Shutter open Opening pulses in sequences slow--> fast Closing pulses in sequences fast --> slow Shutter open Random strobe-effects from slow to fast Shutter open	step step proportional step proportional proportional step proportional step
3	7	1	0 - 255	Dimmer coarse – all zones Dimmer intensity from 0% to 100% (0=default)	proportional
4	8	-	0 - 255	Dimmer fine - all zones Dimmer intensity from min. —>max. (0=default)	proportional

*Default mode