

# DMX CHANNEL FUNCTIONS AND VALUES

## 2-CH BASIC MODE

Magmatic Prisma Wash 25: DMX Channels / Functions (2 DMX Channels, Basic Mode)		
Supports Software Versions: <b>1.02</b>		
CHANNEL	VALUE	FUNCTION
1	000 - 255	Dimmer
2	000 - 255	Dimmer Fine

## 3-CH STANDARD MODE

Magmatic Prisma Wash 25: DMX Channels / Functions (3 DMX Channels, Standard Mode)		
Supports Software Versions: <b>1.02</b>		
CHANNEL	VALUE	FUNCTION
1	<b>Strobe</b>	
	000 - 031	Closed
	032 - 063	Open
	064 - 095	Strobe, Slow to Fast
	096 - 127	Open
	128 - 159	Pulse, Slow to Fast
	160 - 191	Open
	192 - 223	Random Strobe, Slow to Fast
	224 - 255	Open
2	000 - 255	Dimmer
3	000 - 255	Dimmer Fine

## 6-CH EXTENDED MODE

Magmatic Prisma Wash 25: DMX Channels / Functions (6 DMX Channels, Extended Mode)		
Supports Software Versions: <b>1.02</b>		
CHANNEL	VALUE	FUNCTION
1	<b>Strobe</b>	
	000 - 031	Closed
	032 - 063	Open
	064 - 095	Strobe, Slow to Fast
	096 - 127	Open
	128 - 159	Pulse, Slow to Fast
	160 - 191	Open
	192 - 223	Random Strobe, Slow to Fast
	224 - 255	Open
2	000 - 255	Dimmer
3	000 - 255	Dimmer Fine
4	<b>Dim Mode</b>	
	000 - 020	Standard
	021 - 040	Stage
	041 - 060	TV

*CONTINUED ON NEXT PAGE*

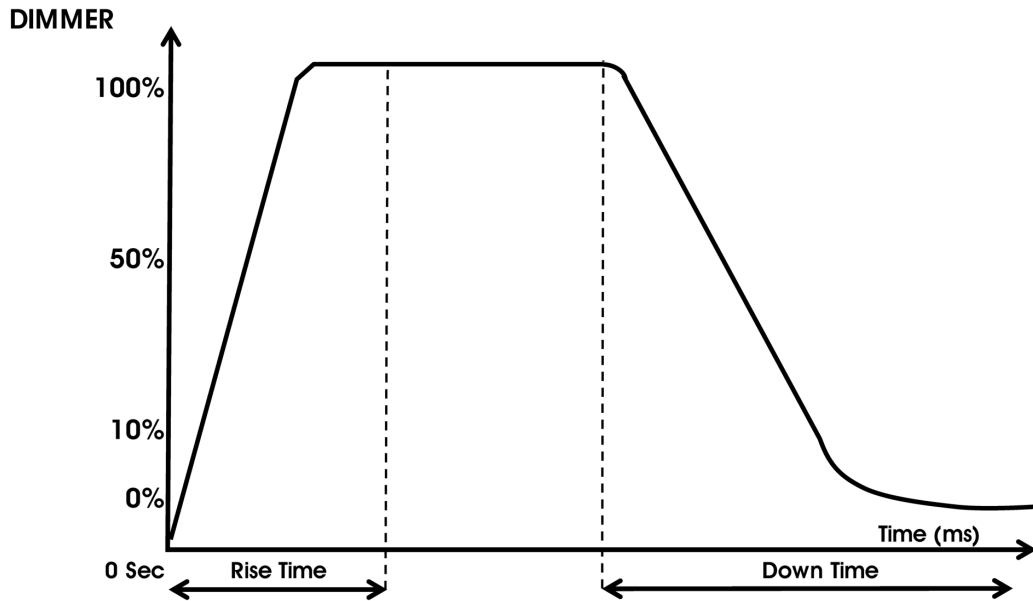
CHANNEL	VALUE	FUNCTION
4 (continued from prev page)	<b>Dim Mode</b> <i>(continued from prev page)</i>	
	061 - 080	Architectural
	081 - 100	Theatre
	101 - 120	Stage2
	<i>Dimmer Delay Time</i>	
	121	0.0 s
	122	0.1 s
	123	0.2 s
	124	0.3 s
	125	0.4 s
	126	0.5 s
	127	0.6 s
	128	0.7 s
	129	0.8 s
	130	0.9 s
	131	1.0 s
	132	1.5 s
	133	2.0 s
	134	3.0 s
	135	4.0 s
	136	5.0 s
	137	6.0 s
	138	7.0 s
139	8.0 s	
140	9.0 s	
141	10.0 s	
142 - 255	Default	
5	<b>Dimmer Curves</b>	
	000 - 020	Linear (default)
	021 - 040	Square
	041 - 060	Inverse Square
	061 - 080	S-Curve
	081 - 255	No Function
6	<b>LED Refresh Rates</b>	
	000 - 010	Default LED Refresh Rate (1200 Hz)
	011	900 Hz
	012	910 Hz
	013	920 Hz
	014	930 Hz
	015	940 Hz
	016	950 Hz
	017	960 Hz
	018	970 Hz
	019	980 Hz
	020	990 Hz
	021	1000 Hz
	022	1010 Hz
	023	1020 Hz
	024	1030 Hz
025	1040 Hz	
<i>CONTINUED ON NEXT PAGE</i>		

CHANNEL	VALUE	FUNCTION
6 (continued from prev page)	<b>LED Refresh Rates</b> <i>(continued from prev page)</i>	
	026	1050 Hz
	027	1060 Hz
	028	1070 Hz
	029	1080 Hz
	030	1090 Hz
	031	1100 Hz
	032	1110 Hz
	033	1120 Hz
	034	1130 Hz
	035	1140 Hz
	036	1150 Hz
	037	1160 Hz
	038	1170 Hz
	039	1180 Hz
	040	1190 Hz
	041	1210 Hz
	042	1220 Hz
	043	1230 Hz
	044	1240 Hz
	045	1250 Hz
	046	1260 Hz
	047	1270 Hz
	048	1280 Hz
	049	1290 Hz
	050	1300 Hz
	051	1310 Hz
	052	1320 Hz
	053	1330 Hz
	054	1340 Hz
	055	1350 Hz
	056	1360 Hz
	057	1370 Hz
	058	1380 Hz
	059	1390 Hz
	060	1400 Hz
	061	1410 Hz
	062	1420 Hz
	063	1430 Hz
	064	1440 Hz
	065	1450 Hz
	066	1460 Hz
	067	1470 Hz
	068	1480 Hz
	069	1490 Hz
	070	1500 Hz
	071	2500 Hz
	072	4000 Hz
	073	5000 Hz
074	6000 Hz	
<i>CONTINUED ON NEXT PAGE</i>		

<b>CHANNEL</b>	<b>VALUE</b>	<b>FUNCTION</b>
6 <i>(continued from prev page)</i>	<b>LED Refresh Rates</b> <i>(continued from prev page)</i>	
	075	10K Hz
	076	15K Hz
	077	20K Hz
	078	25K Hz
	079 - 255	No Function

# DIMMER MODES

Select desired DIMMER MODE (**Standard**, Stage, TV, Architectural, Theatre, Stage2).



Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660

