

ARGO 6-WASH

DMX channel's functions and their values (114DMX channels):

Mode/Channel			Value	Function
BASIC	STAND	EXTEND		
1	1	1		PAN Movement 8bit:
			0-255	Pan Movement
2	2	2		Pan Fine 16bit:
			0-255	Fine control of Pan movement
3	3	3		TILT Movement 8bit :
			0-255	Tilt Movement
4	4	4		Tilt Fine 16bit:
			0-255	Fine control of Tilt movement
5	5	5		Speed Pan/Tilt movement:
			0-225	max to min speed
			226-235	blackout by movement
			236-255	store dimmer enabled
6	6	6		Pan Motor continuous rotation:
			0-63	stop rotation by spinout
			64-127	stop rotation by shortcut
			128-189	Forwards Pan rotation from fast to slow
			190-193	No rotation
			194-255	Backwards Pan rotation from slow to fast
7	7	7		Tilt Motor continuous rotation:
			0-63	stop rotation by spinout
			64-127	stop rotation by shortcut
			128-189	Forwards Tilt rotation from fast to slow
			190-193	No rotation
			194-255	Backwards Tilt rotation from slow to fast
8	8	8		Red LED -all arrays / Background color when Chase ON :
			0-255	Red (0-Black , 255-100% Red)
9	9	9		Red fine LED -all arrays / Background color when Chase ON :
			0-255	Red fine (0-Black , 255-100% Red)
10	10	10		Green LED-all arrays / Background color when Chase ON :
			0-255	Green (0-Black , 255-100% Green)
11	11	11		Green fine LED-all arrays / Background color when Chase ON:
			0-255	Green fine (0-Black , 255-100% Green)
12	12	12		Blue LED -all arrays / Background color when Chase ON:
			0-255	Blue (0-Black , 255-100% Blue)
13	13	13		Blue fine LED -all arrays / Background color when Chase ON:
			0-255	Blue fine (0-Black , 255-100% Blue)
14	14	14		White LED -all arrays / Background color when Chase ON:
			0-255	White (0-Black , 255-100% White)
15	15	15		White fine LED -all arrays / Background color when Chase ON:
			0-255	White fine (0-Black , 255-100% White)
16	16	16		Shutter, strobe:
			0-31	Led turn off
			32-63	Led turn on
			64-95	Strobe effect slow to fast
			96-127	Led turn on
			128-159	Pulse-effect in sequences
			160-191	Led turn on
			192-223	Random strobe effect slow to fast
			224-255	Led turn on
17	17	17		Dimmer intensity:
			0-255	Intensity 0 to 100%
18	18	18		Dimmer fine intensity:
			0-255	Intensity fine 0 to 100%
19	19	19		Linear CTO from 8000 to 2700K:
			0-21	No function
			22-42	8000K
			43-63	7500K
			64-84	7000K
			85-105	6500K
			106-126	6000K
			127-147	5500K
			148-168	5000K
			169-189	4500K
			190-210	4000K
			211-231	3500K
			232-255	2500K

20	20	20		Color preset:
			0-205	See Appendix
21	21	21		Color Preset / RGBW cross fade:
			0	Output controlled by RGBW values
			1-254	Cross fade between RGBW settings and Color preset channel
			255	Output controlled by color preset values
22	22	22		Between Color Preset cross fade:
			0-4	no fade
			4-255	Cross fade between 2 color presets from 100ms to 5sec
23	23	23		Zoom :
			0-255	Zoom adjustment
24	24	24		Zoom Fine :
			0-255	Fine control for Zoom adjustment
25	25	25		Reserved channel:
			0-255	Reserved
26	26	26		Reset, internal programs:
			0-4	unused
			5-9	Display Off
			10-14	Display On
			15-19	Display Invert Off
			20-24	Display Invert On
			25-26	Auto fan control mode
			27-28	Stage fan control mode
			29-30	Silence fan control mode
			31-32	Super Silence fan control mode
			33-34	Constant Fans Off
			35-36	Constant Fans On
			37-44	unused
			45-49	Square Law
			50-54	Linear
			55-57	1.2K
			58-60	2.4K
			61-63	16K
			64-69	25K
			70-71	Tungsten lamp simulation 500W
			72-73	Tungsten lamp simulation 1000W
			74-75	Tungsten lamp simulation 2500W
			76-77	Tungsten lamp simulation 5000W
			78-79	Tungsten lamp simulation off
			80-84	All motor reset
			85-87	P/T motor reset
			88-90	Zoom motor reset
91-93	Edit a new dimmer			
94-96	Store a new dimmer			
97-99	Recover dimmer			
100-255	Reserved			
	27	27		Main LED Chase Patterns:
			0-9	Chase OFF
			10-14	Chase 1
			15-19	Chase 2
			20-24	Chase 3
			25-29	Chase 4
			30-34	Chase 5
			35-39	Chase 6
			40-44	fix Chase
45-255	Reserved			
	28	28		Main LED Chase Speed:
			0-125	Fast to Slow Backward
			126-130	Stop(Speed=0)
			131-255	Slow to Fast Forward
	29	29		Main LED Chase Fade:
			0-255	Fade Chase
	30	30		Main LED Chase Size:
			0-255	chase category
	31	31		Red Chase color:
			0-255	Red (0-Black , 255-100% Red)
	32	32		Green Chase color:
			0-255	Green (0-Black , 255-100% Green)
	33	33		Blue Chase color:
			0-255	Blue (0-Black , 255-100% Blue)
	34	34		White Chase color:
			0-255	Blue (0-Black , 255-100% White)
	35	35		Dimmer Chase:
			0-255	Intensity (0-Black , 255-100%)
	36	36		Dimmer background Chase: inverted disabled when chase OFF
			0-255	Intensity (0-100% , 255-0%)

			Chase.strobe:
	37	37	0-31 Led trun off
			32-63 Led turn on
			64-95 Strobe effect slow to fast
			96-127 Led turn on
			128-159 Pulse-effect in sequences
			160-191 Led turn on
			192-223 Random strobe effect slow to fast
			224-255 Led turn on
		38	Cross fade to PIXEL mode:
			0-255 from RGBW control to PIXEL control
		39	Red LED -array 1 :
			0-255 Red (0-Black , 255-100% Red)
		40	Green LED-array 1 :
			0-255 Green (0-Black , 255-100% Green)
		41	Blue LED -array 1 :
			0-255 Blue (0-Black , 255-100% Blue)
		42	White LED -array 1 :
			0-255 White (0-Black , 255-100% White)
		43	Red LED -array 2 :
			0-255 Red (0-Black , 255-100% Red)
		44	Green LED-array 2 :
			0-255 Green (0-Black , 255-100% Green)
		45	Blue LED -array 2 :
			0-255 Blue (0-Black , 255-100% Blue)
		46	White LED -array 2 :
			0-255 White (0-Black , 255-100% White)
	
		111	Red LED -array 19 :
			0-255 Red (0-Black , 255-100% Red)
		112	Green LED-array 19 :
			0-255 Green (0-Black , 255-100% Green)
		113	Blue LED -array 19 :
			0-255 Blue (0-Black , 255-100% Blue)
		114	White LED -array 19:
			0-255 White (0-Black , 255-100% White)