DMX CHART

TourPro (CKC) ZB7

Model TP-ZB7-1 · Prepared by Krank'd · krankd.com.au

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Basic 17 | Standard 21 | Extended 45

All modes

BASIC 17	STANDARD 21	EXTENDED 45	VALUE	FUNCTION
1	1	1	000-255	**Pan**
·	2	2	000-255	**Pan fine**
2	3	3	000-255	**Tilt**
·	4	4	000-255	**Tilt fine**
·	5	5		**P/T Speed**
			000-225	Max to min speed
			226-235	Blackout by movement
			236-255	No function
3	6	6	000-255	**Dimmer** · Genneral dimmer
·	7	7	000-255	**DimmerFine** · Genneral dimmer fine
4	8	8		**Strobe**
			000-031	Shutter closed
			032-063	shutter open
			064-095	Strobe effect slow to fast
			096-127	No function (shutter open)
			128-159	Pulse-effect in sequences
			160-191	No function (shutter open)
			192-223	Random strobe effect slow to fast
			224-255	No function (shutter open)
5	9	9	000-255	**Red**
6	10	10	000-255	**Green**
7	11	11	000-255	**Blue**
8	12	12	000-255	**White**
·	·	13	000-255	**Red 1** · Red (pixel 1)
·	·	14	000-255	**Green 2** · Green (pixel 1)
·	·	15	000-255	**Blue 3** · Blue (pixel 1)
·	·	16	000-255	**White 4** · White (pixel 1)
·	·	17	000-255	**Red (pixel, *)** · Red (per-pixel, source elides with *)
·	·	18	000-255	**Green (pixel, *)** · Green (per-pixel, source elides with *)
·	·	19	000-255	**Blue (pixel, *)** · Blue (per-pixel, source elides with *)
·	·	20	000-255	**White (pixel, *)** · White (per-pixel, source elides with *)
·	·	21	000-255	**Red (pixel, *)** · Red (per-pixel, source elides with *)
·	·	22	000-255	**Green (pixel, *)** · Green (per-pixel, source elides with *)
·	·	23	000-255	**Blue (pixel, *)** · Blue (per-pixel, source elides with *)
·	·	24	000-255	**White (pixel, *)** · White (per-pixel, source elides with *)

BASIC 17	STANDARD 21	EXTENDED 45	VALUE	FUNCTION
·	·	25	000-255	**Red (pixel, *)** · Red (per-pixel, source elides with *)
·	·	26	000-255	**Green (pixel, *)** · Green (per-pixel, source elides with *)
·	·	27	000-255	**Blue (pixel, *)** · Blue (per-pixel, source elides with *)
·	·	28	000-255	**White (pixel, *)** · White (per-pixel, source elides with *)
·	·	29	000-255	**Red (pixel, *)** · Red (per-pixel, source elides with *)
·	·	30	000-255	**Green (pixel, *)** · Green (per-pixel, source elides with *)
·	·	31	000-255	**Blue (pixel, *)** · Blue (per-pixel, source elides with *)
·	·	32	000-255	**White (pixel, *)** · White (per-pixel, source elides with *)
·	·	33	000-255	**Red 7** · Red (last pixel)
·	·	34	000-255	**Green 7** · Green (last pixel)
·	·	35	000-255	**Blue 7** · Blue (last pixel)
·	·	36	000-255	**White 7** · White (last pixel)
9	13	37		**Virtual Wheel Color forground**
			000	Full power RVBW
			001	10000K
			002	8000K
			003	6500K
			004	5600K
			005	5000K
			006	4500K
			007	4000K
			008	3200K
			009	3000K
			010	2700K
			011-250	Virtual color wheel
			251-253	Color Wheel rotation between the color level 12 to 250
			254-255	Color rotation backward
10	14	38		**Virtual Wheel Color Background**
			000	Background Off
			001	10000K
			002	8000K
			003	6500K
			004	5600K
			005	5000K
			006	4500K
			007	4000K
			008	3200K
			009	3000K
			010	2700K
			011-250	Virtual color wheel

BASIC 17	STANDARD 21	EXTENDED 45	VALUE	FUNCTION
			251-253	Color Wheel rotation between the color level 12 to 250
			254-255	Color rotation backward
11	15	39	000-255	**Colour Fade/Speed** · Fade during color wheel change or speed of the color wheel rotation
12	16	40		**Patterns programs**
			000-009	No Program
			010-019	Program 1
			020-029	Program 2
			030-039	Program 3
			040-049	Program 4
			050-059	Program 5
			060-069	Program 6
			070-079	Program 7
			080-089	Program 8
			090-099	Program 9
			100-109	Program 10
			110-119	Program 11
			120-129	Program 12
			130-139	Program 13
			140-149	Program 14
			150-159	Program 15
			160-169	Program 16
			170-179	Program 17
			180-189	Program 18
			190-199	Program 19
			200-209	Program 20
			210-255	No used
13	17	41		**Patterns Programs manual step / auto step**
			000-004	Static step 1
			005-009	Static step 2
			010-014	Static step 3
			015-019	Static step 4
			020-024	Static step 5
			025-029	Static step 6
			030-034	Static step 7
			035-039	Static step 8
			040-145	Chase Forward F > S
			146-149	Stop
			150-255	Chase Backward S > F
14	18	42		**Programs Fade**
			000	Programs

BASIC 17	STANDARD 21	EXTENDED 45	VALUE	FUNCTION
			001-255	Fade
15	**19**	**43**	000-255	**Zoom**
16	**20**	**44**		**Dim Modes**
			000-020	Standard
			021-040	Stage
			041-060	TV
			061-080	Architectural
			081-100	Theatre
			101-255	Default to Unit Setting
17	**21**	**45**		**Control**
			000-005	no function
			006-017	Invert Pan on (Hold 3s)
			018-029	Invert Pan off (Hold 3s)
			030-041	Invert Tilt on (Hold 3s)
			042-053	Invert Tilt off (Hold 3s)
			054-065	Fan Silent (Hold 3s)
			066-077	Fan Auto (Hold 3s)
			078-089	Fan High (Hold 3s)
			090-101	Linear Dimmer Curve (hold 3s)
			102-113	Square Dimmer Curve (hold 3s)
			114-125	Inv-Square Dimmer Curve (hold 3s)
			126-131	S - Dimmer Curve (hold 3s)
			132-137	Led Freq. 900 Hz (hold 3s)
			138-143	Led Freq. 1000 Hz (hold 3s)
			144-149	Led Freq. 1100 Hz (hold 3s)
			150-155	Led Freq. 1200 Hz (hold 3s)
			156-161	Led Freq. 1300 Hz (hold 3s)
			162-167	Led Freq. 1400 Hz (hold 3s)
			168-173	Led Freq. 1500 Hz (hold 3s)
			174-179	Led Freq. 2500 Hz (hold 3s)
			180-185	Led Freq. 4000 Hz (hold 3s)
			186-191	Led Freq. 5000 Hz (hold 3s)
			192-197	Led Freq. 10000 Hz (hold 3s)
			198-203	Led Freq. 15000 Hz (hold 3s)
			204-209	Led Freq. 20000 Hz (hold 3s)
			210-215	Led Freq. 25000 Hz (hold 3s)
			216-218	Reset Pan/Tilt (Hold 3s)
			219-221	Reset only Head (Hold 3s)
			222-224	Reset All Functions (Hold 3s)
			225-234	No used
			235-237	Klingnet Disable

BASIC 17	STANDARD 21	EXTENDED 45	VALUE	FUNCTION
			238-240	Klingnet Enable
			241-243	No used
			244-246	Klingnet calibration OFF
			247-249	Klingnet Calibration ON
			250-252	White Calibred by IC (Hold 3s)
			253-255	Fixed White values (Hold 3s)

※ Modes are titled Basic 17 / Standard 21 / Extended 45 in the source.

※ Extended 45 individual-pixel block (ch 13-36): the source prints the first pixel's colours (Red 1 / Green 2 / Blue 3 / White 4 = ch 13-16) and the last printed block (Red 7 / Green 7 / Blue 7 / White 7 = ch 33-36) and abbreviates the pixels between with asterisks (*). Those elided pixel channels (17-32) carry the same repeating Red/Green/Blue/White pattern; the source does not print their per-pixel numbers. Note the source labels the ch 33-36 block 'pixel 7' although only six 4-channel pixel groups fit between the master White (ch 12) and the Virtual Wheel (ch 37).