BeamZ

Tiger E7R MKIII



Manufacturer	**BeamZ**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**10°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**6798F242-1619-4016-8D20-6B...**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Dimmer · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16 Channels	16 ch
20 channels 1	20 ch

16 Channels

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 3) 15–19 Red + Orange (wheel slot 4) 20–24 Orange (wheel slot 5) 25–29 Orange + Aquamarine (wheel slot 6) 30–34 Aquamarine (wheel slot 7) 35–39 Aquamarine + Green (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Green + CTO1 (wheel slot 10) 50–54 CTO1 (wheel slot 11) 55–59 CTO 1+ Fluorescent Violet (wheel slot 12) 60–64 Fluorescent Violet (wheel slot 13) 65–69 Fluorescent Violet + Pink (wheel slot 14) 70–74 Pink (wheel slot 15) 75–79 Pink + Cyan (wheel slot 16) 80–84 Cyan (wheel slot 17) 85–89 Cyan + Yellow (wheel slot 18) 90–94 Yellow (wheel slot 19) 95–99 Yellow + Light green (wheel slot 20) 100–104 Light green (wheel slot 21) 105–109 Light green + Magenta (wheel slot 22) 110–114 Magenta (wheel slot 23) 115–119 Magenta + Lavender (wheel slot 24) 120–124 Lavender (wheel slot 25) 125–129 Lavender + Warm white (wheel slot 26) 130–134 CTO2 (wheel slot 27) 135–139 CTO2 + CTB8000 (wheel slot 28) 140–144 CTB8000 (wheel slot 29) 145–149 CTB8000 + White (open) (wheel slot 30) 150–200 Counter clockwise rotation slow to fast (wheel slot… 201–255 Clockwise rotation slow to fast (wheel slot 32)
2	Strobe Mode Strobe	0	
3	Dimmer	0	0–254 Closed 255–255 Open

16 Channels (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 12 (wheel slot 13) 65–69 Gobo 13 (wheel slot 14) 70–74 Gobo 14 (wheel slot 15) 75–79 Gobo 15 (wheel slot 16) 80–84 Gobo 16 (wheel slot 17) 85–89 Gobo 17 (wheel slot 18) 90–94 Open (wheel slot 1) 95–98 Jitter Gobo 1 (wheel slot 2) 99–103 Jitter Gobo 2 (wheel slot 3) 104–108 Jitter Gobo 3 (wheel slot 4) 109–113 Jitter Gobo 4 (wheel slot 5) 114–117 Jitter Gobo 5 (wheel slot 6) 118–122 Jitter Gobo 6 (wheel slot 7) 123–127 Jitter Gobo 7 (wheel slot 8) 128–132 Jitter Gobo 8 (wheel slot 9) 133–136 Jitter Gobo 9 (wheel slot 10) 137–141 Jitter Gobo 10 (wheel slot 11) 142–146 Jitter Gobo 11 (wheel slot 12) 147–150 Jitter Gobo 12 (wheel slot 13) 151–155 Jitter Gobo 13 (wheel slot 14) 156–160 Jitter Gobo 14 (wheel slot 15) 161–165 Jitter Gobo 15 (wheel slot 16) 166–169 Jitter Gobo 16 (wheel slot 17) 170–174 Jitter Gobo 17 (wheel slot 18) 175–214 Clockwise rotation 215–255 Counter clockwise rotation
5	Prism	0	0–127 No function (wheel slot 1) 128–255 Prism inserted (wheel slot 2)
6	Prism Rotation	0	1–127 Control by user 128–190 Clockwise rotation slow to fast 191–192 Stop 193–255 Counter clockwise rotation slow to fast
7	No Feature	0	
8	Frost1	0	1–127 Open 128–255 Frost
9	Focus	0	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Color Macro1	0	
15	Fixture Global Reset	0	0–0 Complete reset 1–255 No Function
16	Lamp Control	0	1–9 No Function 10–100 Lamp Off 101–255 Lamp On

20 channels 1

20 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 3) 15–19 Red + Orange (wheel slot 4) 20–24 Orange (wheel slot 5) 25–29 Orange + Aquamarine (wheel slot 6) 30–34 Aquamarine (wheel slot 7) 35–39 Aquamarine + Green (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Green + CTO1 (wheel slot 10) 50–54 CTO1 (wheel slot 11) 55–59 CTO 1+ Fluorescent Violet (wheel slot 12) 60–64 Fluorescent Violet (wheel slot 13) 65–69 Fluorescent Violet + Pink (wheel slot 14) 70–74 Pink (wheel slot 15) 75–79 Pink + Cyan (wheel slot 16) 80–84 Cyan (wheel slot 17) 85–89 Cyan + Yellow (wheel slot 18) 90–94 Yellow (wheel slot 19) 95–99 Yellow + Light green (wheel slot 20) 100–104 Light green (wheel slot 21) 105–109 Light green + Magenta (wheel slot 22) 110–114 Magenta (wheel slot 23) 115–119 Magenta + Lavender (wheel slot 24) 120–124 Lavender (wheel slot 25) 125–129 Lavender + Warm white (wheel slot 26) 130–134 CTO2 (wheel slot 27) 135–139 CTO2 + CTB8000 (wheel slot 28) 140–144 CTB8000 (wheel slot 29) 145–149 CTB8000 + White (open) (wheel slot 30) 150–200 Counter clockwise rotation slow to fast (wheel slot... 201–255 Clockwise rotation slow to fast (wheel slot 32)
2	Strobe Mode Strobe	0	
3	Dimmer	0	0–254 Closed 255–255 Open

20 channels 1 (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 12 (wheel slot 13) 65–69 Gobo 13 (wheel slot 14) 70–74 Gobo 14 (wheel slot 15) 75–79 Gobo 15 (wheel slot 16) 80–84 Gobo 16 (wheel slot 17) 85–89 Gobo 17 (wheel slot 18) 90–94 Open (wheel slot 1) 95–98 Jitter Gobo 1 (wheel slot 2) 99–103 Jitter Gobo 2 (wheel slot 3) 104–108 Jitter Gobo 3 (wheel slot 4) 109–113 Jitter Gobo 4 (wheel slot 5) 114–117 Jitter Gobo 5 (wheel slot 6) 118–122 Jitter Gobo 6 (wheel slot 7) 123–127 Jitter Gobo 7 (wheel slot 8) 128–132 Jitter Gobo 8 (wheel slot 9) 133–136 Jitter Gobo 9 (wheel slot 10) 137–141 Jitter Gobo 10 (wheel slot 11) 142–146 Jitter Gobo 11 (wheel slot 12) 147–150 Jitter Gobo 12 (wheel slot 13) 151–155 Jitter Gobo 13 (wheel slot 14) 156–160 Jitter Gobo 14 (wheel slot 15) 161–165 Jitter Gobo 15 (wheel slot 16) 166–169 Jitter Gobo 16 (wheel slot 17) 170–174 Jitter Gobo 17 (wheel slot 18) 175–214 Clockwise rotation 215–255 Counter clockwise rotation
5	Prism	0	0–127 No function (wheel slot 1) 128–255 Prism inserted (wheel slot 2)
6	Prism Rotation	0	1–127 Control by user 128–190 Clockwise rotation slow to fast 191–192 Stop 193–255 Counter clockwise rotation slow to fast
7	No Feature	0	
8	Frost1	0	1–127 Open 128–255 Frost
9	Focus	0	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Color Macro1	0	
15	Fixture Global Reset	0	0–0 Complete reset 1–255 No Function
16	Lamp Control	0	1–9 No Function 10–100 Lamp Off 101–255 Lamp On

20 channels 1 (continued)

Ch	Function	Default	DMX values
17	Position MSpeed	0	
18	Color Wheel Select MSpeed	0	
19	Iris MSpeed	0	
20	Gobo Wheel1MSpeed	0	