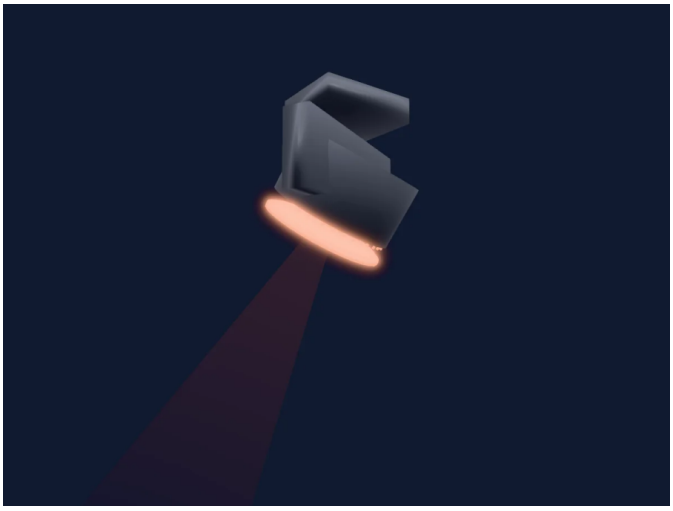
Silver Star

NF9-X



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**7**
DMX footprint	**21, 28, 32, 33, 44, 154, 391 channels**
Beam angle	**25°**
Pan range	**1°**
Tilt range	**1°**
Heads / cells	**82**
Size (W × H × D)	**600 × 300 × 600 mm**
GDTF fixture type	**39565DA2-D209-42BF-B01D-C6…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

SSP (21CH)	21 ch
HSIC (28CH)	28 ch
CMY (32CH)	32 ch
TOUR (33CH)	33 ch
TR16 (44CH)	44 ch
PIXEL RGBL (154CH)	154 ch
PIXEL FULL(391CH)	391 ch

SSP (21CH)

21 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Tilt	0	
3	Position MSpeed	0	
4	Pan Rotate	0	0–63 stop rotation by spinout 64–127 stop rotation by shortcut 128–189 Forwards Pan rotation from fast 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Dimmer	0	
10	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
11	Zoom	127	
12	Zoom	127	
13	Zoom	127	
14	Dimmer	0	
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	255	
19	Dimmer	0	
20	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM

SSP (21CH) (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–10 NO FUNCTION 11–15 PAN/TILT BLACK ACTIVATED 16–20 PAN/TILT BLACK DEACTIVATED 21–25 PAN INVERT 26–30 TILT INVERT 31–35 PAN/TILT INVERT OFF 36–40 PAN DEGREE 630 41–45 PAN DEGREE 540 46–100 RESERVED 101–105 STUDIO 106–110 POWER 111–115 LIVE 116–130 RESERVED 131–135 DIMMER SPEED Halogen 136–140 DIMMER SPEED LED 141–145 DIMMER CURVE LINEAR 146–150 DIMMER CURVE SQUARE LAW 151–155 DIMMER CURVE INV SQUARE LAW 156–160 DIMMER CURVE S-CURVE 161–165 1200Hz 166–170 2400Hz 171–175 4000Hz 176–185 6000Hz 186–190 RESERVED 191–195 COLOR MODE RGBL 196–200 COLOR MODE RGBW 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–250 RESERVED 251–255 NO FUNCTION

HSIC (28CH)

28 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 stop rotation by spinout 64–127 stop rotation by shortcut 128–189 Forwards Pan rotation from fast 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Dimmer	0	
8	H SBHue	0	
9	H SBHue Fine	0	Fine byte of H SBHue
10	H SBSaturation	0	

HSIC (28CH) (continued)

Ch	Function	Default	DMX values
11	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
12	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
13	Zoom	127	
14	Zoom	127	
15	Zoom	127	
16	Dimmer	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	255	
21	Dimmer	0	
22	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM

HSIC (28CH) (continued)

Ch	Function	Default	DMX values
23	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
24	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

HSIC (28CH) (continued)

Ch	Function	Default	DMX values
25	Effect	0	0–10 NO FUNCTION 11–11 FX STATIC PIXEL 1 12–12 FX STATIC PIXEL 2 13–13 FX STATIC PIXEL 3 14–14 FX STATIC PIXEL 4 15–15 FX STATIC PIXEL 5 16–16 FX STATIC PIXEL 6 17–17 FX STATIC PIXEL 7 18–18 FX STATIC PIXEL 8 19–19 FX STATIC PIXEL 9 20–20 FX STATIC PIXEL 10 21–21 FX STATIC PIXEL 11 22–22 FX STATIC PIXEL 12 23–23 FX STATIC PIXEL 13 24–24 FX STATIC PIXEL 14 25–25 FX STATIC PIXEL 15 26–26 FX STATIC PIXEL 16 27–27 FX STATIC PIXEL 17 28–28 FX STATIC PIXEL 18 29–29 FX STATIC PIXEL 19 30–30 FX STATIC PIXEL 20 31–31 FX STATIC PIXEL 21 32–32 FX STATIC PIXEL 22 33–33 FX STATIC PIXEL 23 34–34 FX STATIC PIXEL 24 35–35 FX STATIC PIXEL 25 36–36 FX STATIC PIXEL 26 37–37 FX STATIC PIXEL 27 38–38 FX STATIC PIXEL 28 39–39 FX STATIC PIXEL 29 40–40 FX STATIC PIXEL 30 41–41 FX STATIC PIXEL 31 42–42 FX STATIC PIXEL 32 43–43 FX STATIC PIXEL 33 44–44 FX STATIC PIXEL 34 45–45 FX STATIC PIXEL 35 46–46 FX STATIC PIXEL 36 47–47 FX STATIC PIXEL 37 48–48 FX STATIC PIXEL 38 49–49 FX STATIC PIXEL 39 50–50 FX STATIC PIXEL 40 51–51 FX STATIC PIXEL 41 52–52 FX STATIC PIXEL 42 53–53 FX STATIC PIXEL 43 54–54 FX STATIC PIXEL 44 55–55 FX STATIC PIXEL 45 56–56 FX STATIC PIXEL 46 57–57 FX STATIC PIXEL 47 58–58 FX STATIC PIXEL 48 59–59 FX STATIC PIXEL 49 60–60 FX STATIC PIXEL 50 61–61 FX STATIC PIXEL 51 62–62 FX STATIC PIXEL 52 63–63 FX STATIC PIXEL 53 64–64 FX STATIC PIXEL 54 65–65 FX STATIC PIXEL 55 66–66 FX STATIC PIXEL 56 67–67 FX STATIC PIXEL 57 68–68 FX STATIC PIXEL 58 69–69 FX STATIC PIXEL 59 70–70 FX STATIC PIXEL 60 71–71 FX STATIC PIXEL 61 72–72 FX STATIC PIXEL 62 73–73 FX STATIC PIXEL 63

HSIC (28CH) (continued)

Ch	Function	Default	DMX values
26	Effect 2	0	0–10 NO FUNCTION 11–15 FX PIXEL EFFECT 1 16–20 FX PIXEL EFFECT 2 21–25 FX PIXEL EFFECT 3 26–30 FX PIXEL EFFECT 4 31–35 FX PIXEL EFFECT 5 36–40 FX PIXEL EFFECT 6 41–45 FX PIXEL EFFECT 7 46–50 FX PIXEL EFFECT 8 51–55 FX PIXEL EFFECT 9 56–60 FX PIXEL EFFECT 10 61–65 FX PIXEL EFFECT 11 66–70 FX PIXEL EFFECT 12 71–75 FX PIXEL EFFECT 13 76–80 FX PIXEL EFFECT 14 81–85 FX PIXEL EFFECT 15 86–90 FX PIXEL EFFECT 16 91–95 FX PIXEL EFFECT 17 96–100 FX PIXEL EFFECT 18 101–105 FX PIXEL EFFECT 19 106–110 FX PIXEL EFFECT 20 111–115 FX PIXEL EFFECT 21 116–120 FX PIXEL EFFECT 22 121–125 FX PIXEL EFFECT 23 126–130 FX PIXEL EFFECT 24 131–135 FX PIXEL EFFECT 25 136–140 FX PIXEL EFFECT 26 141–145 FX PIXEL EFFECT 27 146–150 FX PIXEL EFFECT 28 151–155 FX PIXEL EFFECT 29 156–160 FX PIXEL EFFECT 30 161–165 FX PIXEL EFFECT 31 166–170 FX PIXEL EFFECT 32 171–175 FX PIXEL EFFECT 33 176–180 FX PIXEL EFFECT 34 181–185 FX PIXEL EFFECT 35 186–190 FX PIXEL EFFECT 36 191–195 FX PIXEL EFFECT 37 196–200 FX PIXEL EFFECT 38 201–205 FX PIXEL EFFECT 39 206–210 FX PIXEL EFFECT 40 211–215 FX PIXEL EFFECT 41 216–220 FX PIXEL EFFECT 42 221–225 FX PIXEL EFFECT 43 226–230 FX PIXEL EFFECT 44 231–235 FX PIXEL EFFECT 45 236–240 FX PIXEL EFFECT 46 241–245 FX PIXEL EFFECT 47 246–250 FX PIXEL EFFECT 48 251–255 NO FUNCTION
27	Effect Speed 2	0	

HSIC (28CH) (continued)

Ch	Function	Default	DMX values
28	Control1	0	0–10 NO FUNCTION 11–15 PAN/TILT BLACK ACTIVATED 16–20 PAN/TILT BLACK DEACTIVATED 21–25 PAN INVERT 26–30 TILT INVERT 31–35 PAN/TILT INVERT OFF 36–40 PAN DEGREE 630 41–45 PAN DEGREE 540 46–100 RESERVED 101–105 STUDIO 106–110 POWER 111–115 LIVE 116–130 RESERVED 131–135 DIMMER SPEED Halogen 136–140 DIMMER SPEED LED 141–145 DIMMER CURVE LINEAR 146–150 DIMMER CURVE SQUARE LAW 151–155 DIMMER CURVE INV SQUARE LAW 156–160 DIMMER CURVE S-CURVE 161–165 1200Hz 166–170 2400Hz 171–175 4000Hz 176–185 6000Hz 186–190 RESERVED 191–195 COLOR MODE RGBL 196–200 COLOR MODE RGBW 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–250 RESERVED 251–255 NO FUNCTION

CMY (32CH)

32 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 stop rotation by spinout 64–127 stop rotation by shortcut 128–189 Forwards Pan rotation from fast 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
12	Zoom	127	
13	Zoom	127	

CMY (32CH) (continued)

Ch	Function	Default	DMX values
14	Zoom	127	
15	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
16	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

CMY (32CH) (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–10 STATIC PIXEL 11–12 STATIC PIXEL 1 13–14 STATIC PIXEL 2 15–16 STATIC PIXEL 3 17–18 STATIC PIXEL 4 19–20 STATIC PIXEL 5 21–22 STATIC PIXEL 6 23–24 STATIC PIXEL 7 25–26 STATIC PIXEL 8 27–28 STATIC PIXEL 9 29–30 STATIC PIXEL 10 31–32 STATIC PIXEL 11 33–34 STATIC PIXEL 12 35–36 STATIC PIXEL 13 37–38 STATIC PIXEL 14 39–40 STATIC PIXEL 15 41–42 STATIC PIXEL 16 43–44 STATIC PIXEL 17 45–46 STATIC PIXEL 18 47–48 STATIC PIXEL 19 49–50 STATIC PIXEL 20 51–52 STATIC PIXEL 21 53–54 STATIC PIXEL 22 55–56 STATIC PIXEL 23 57–58 STATIC PIXEL 24 59–60 STATIC PIXEL 25 61–62 STATIC PIXEL 26 63–64 STATIC PIXEL 27 65–66 STATIC PIXEL 28 67–68 STATIC PIXEL 29 69–70 STATIC PIXEL 30 71–72 STATIC PIXEL 31 73–74 STATIC PIXEL 32 75–76 STATIC PIXEL 33 77–78 STATIC PIXEL 34 79–80 STATIC PIXEL 35 81–82 STATIC PIXEL 36 83–84 STATIC PIXEL 37 85–86 STATIC PIXEL 38 87–88 STATIC PIXEL 39 89–90 STATIC PIXEL 40 91–92 STATIC PIXEL 41 93–94 STATIC PIXEL 42 95–96 STATIC PIXEL 43 97–98 STATIC PIXEL 44 99–100 STATIC PIXEL 45 101–102 STATIC PIXEL 46 103–104 STATIC PIXEL 47 105–106 STATIC PIXEL 48 107–108 STATIC PIXEL 49 109–110 STATIC PIXEL 50 111–112 STATIC PIXEL 51 113–114 STATIC PIXEL 52 115–116 STATIC PIXEL 53 117–118 STATIC PIXEL 54 119–120 STATIC PIXEL 55 121–122 STATIC PIXEL 56 123–124 STATIC PIXEL 57 125–126 STATIC PIXEL 58 127–128 STATIC PIXEL 59 129–130 STATIC PIXEL 60 131–132 STATIC PIXEL 61 133–134 STATIC PIXEL 62 135–136 STATIC PIXEL 63

CMY (32CH) (continued)

Ch	Function	Default	DMX values
18	Effect 2	0	0–10 NO FUNCTION 11–15 PIXEL EFFECT 1 16–20 PIXEL EFFECT 2 21–25 PIXEL EFFECT 3 26–30 PIXEL EFFECT 4 31–35 PIXEL EFFECT 5 36–40 PIXEL EFFECT 6 41–45 PIXEL EFFECT 7 46–50 PIXEL EFFECT 8 51–55 PIXEL EFFECT 9 56–60 PIXEL EFFECT 10 61–65 PIXEL EFFECT 11 66–70 PIXEL EFFECT 12 71–75 PIXEL EFFECT 13 76–80 PIXEL EFFECT 14 81–85 PIXEL EFFECT 15 86–90 PIXEL EFFECT 16 91–95 PIXEL EFFECT 17 96–100 PIXEL EFFECT 18 101–105 PIXEL EFFECT 19 106–110 PIXEL EFFECT 20 111–115 PIXEL EFFECT 21 116–120 PIXEL EFFECT 22 121–125 PIXEL EFFECT 23 126–130 PIXEL EFFECT 24 131–135 PIXEL EFFECT 25 136–140 PIXEL EFFECT 26 141–145 PIXEL EFFECT 27 146–150 PIXEL EFFECT 28 151–155 PIXEL EFFECT 29 156–160 PIXEL EFFECT 30 161–165 PIXEL EFFECT 31 166–170 PIXEL EFFECT 32 171–175 PIXEL EFFECT 33 176–180 PIXEL EFFECT 34 181–185 PIXEL EFFECT 35 186–190 PIXEL EFFECT 36 191–195 PIXEL EFFECT 37 196–200 PIXEL EFFECT 38 201–205 PIXEL EFFECT 39 206–210 PIXEL EFFECT 40 211–215 PIXEL EFFECT 41 216–220 PIXEL EFFECT 42 221–225 PIXEL EFFECT 43 226–230 PIXEL EFFECT 44 231–235 PIXEL EFFECT 45 236–240 PIXEL EFFECT 46 241–245 PIXEL EFFECT 47 246–250 PIXEL EFFECT 48 251–255 NO FUNCTION
19	Effect Speed 2	0	
20	Dimmer	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	255	
25	Dimmer	0	

CMY (32CH) (continued)

Ch	Function	Default	DMX values
26	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
27	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
28	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

CMY (32CH) (continued)

Ch	Function	Default	DMX values
29	Effect	0	0–10 NO FUNCTION 11–11 FX STATIC PIXEL 1 12–12 FX STATIC PIXEL 2 13–13 FX STATIC PIXEL 3 14–14 FX STATIC PIXEL 4 15–15 FX STATIC PIXEL 5 16–16 FX STATIC PIXEL 6 17–17 FX STATIC PIXEL 7 18–18 FX STATIC PIXEL 8 19–19 FX STATIC PIXEL 9 20–20 FX STATIC PIXEL 10 21–21 FX STATIC PIXEL 11 22–22 FX STATIC PIXEL 12 23–23 FX STATIC PIXEL 13 24–24 FX STATIC PIXEL 14 25–25 FX STATIC PIXEL 15 26–26 FX STATIC PIXEL 16 27–27 FX STATIC PIXEL 17 28–28 FX STATIC PIXEL 18 29–29 FX STATIC PIXEL 19 30–30 FX STATIC PIXEL 20 31–31 FX STATIC PIXEL 21 32–32 FX STATIC PIXEL 22 33–33 FX STATIC PIXEL 23 34–34 FX STATIC PIXEL 24 35–35 FX STATIC PIXEL 25 36–36 FX STATIC PIXEL 26 37–37 FX STATIC PIXEL 27 38–38 FX STATIC PIXEL 28 39–39 FX STATIC PIXEL 29 40–40 FX STATIC PIXEL 30 41–41 FX STATIC PIXEL 31 42–42 FX STATIC PIXEL 32 43–43 FX STATIC PIXEL 33 44–44 FX STATIC PIXEL 34 45–45 FX STATIC PIXEL 35 46–46 FX STATIC PIXEL 36 47–47 FX STATIC PIXEL 37 48–48 FX STATIC PIXEL 38 49–49 FX STATIC PIXEL 39 50–50 FX STATIC PIXEL 40 51–51 FX STATIC PIXEL 41 52–52 FX STATIC PIXEL 42 53–53 FX STATIC PIXEL 43 54–54 FX STATIC PIXEL 44 55–55 FX STATIC PIXEL 45 56–56 FX STATIC PIXEL 46 57–57 FX STATIC PIXEL 47 58–58 FX STATIC PIXEL 48 59–59 FX STATIC PIXEL 49 60–60 FX STATIC PIXEL 50 61–61 FX STATIC PIXEL 51 62–62 FX STATIC PIXEL 52 63–63 FX STATIC PIXEL 53 64–64 FX STATIC PIXEL 54 65–65 FX STATIC PIXEL 55 66–66 FX STATIC PIXEL 56 67–67 FX STATIC PIXEL 57 68–68 FX STATIC PIXEL 58 69–69 FX STATIC PIXEL 59 70–70 FX STATIC PIXEL 60 71–71 FX STATIC PIXEL 61 72–72 FX STATIC PIXEL 62 73–73 FX STATIC PIXEL 63

CMY (32CH) (continued)

Ch	Function	Default	DMX values
30	Effect 2	0	0–10 NO FUNCTION 11–15 FX PIXEL EFFECT 1 16–20 FX PIXEL EFFECT 2 21–25 FX PIXEL EFFECT 3 26–30 FX PIXEL EFFECT 4 31–35 FX PIXEL EFFECT 5 36–40 FX PIXEL EFFECT 6 41–45 FX PIXEL EFFECT 7 46–50 FX PIXEL EFFECT 8 51–55 FX PIXEL EFFECT 9 56–60 FX PIXEL EFFECT 10 61–65 FX PIXEL EFFECT 11 66–70 FX PIXEL EFFECT 12 71–75 FX PIXEL EFFECT 13 76–80 FX PIXEL EFFECT 14 81–85 FX PIXEL EFFECT 15 86–90 FX PIXEL EFFECT 16 91–95 FX PIXEL EFFECT 17 96–100 FX PIXEL EFFECT 18 101–105 FX PIXEL EFFECT 19 106–110 FX PIXEL EFFECT 20 111–115 FX PIXEL EFFECT 21 116–120 FX PIXEL EFFECT 22 121–125 FX PIXEL EFFECT 23 126–130 FX PIXEL EFFECT 24 131–135 FX PIXEL EFFECT 25 136–140 FX PIXEL EFFECT 26 141–145 FX PIXEL EFFECT 27 146–150 FX PIXEL EFFECT 28 151–155 FX PIXEL EFFECT 29 156–160 FX PIXEL EFFECT 30 161–165 FX PIXEL EFFECT 31 166–170 FX PIXEL EFFECT 32 171–175 FX PIXEL EFFECT 33 176–180 FX PIXEL EFFECT 34 181–185 FX PIXEL EFFECT 35 186–190 FX PIXEL EFFECT 36 191–195 FX PIXEL EFFECT 37 196–200 FX PIXEL EFFECT 38 201–205 FX PIXEL EFFECT 39 206–210 FX PIXEL EFFECT 40 211–215 FX PIXEL EFFECT 41 216–220 FX PIXEL EFFECT 42 221–225 FX PIXEL EFFECT 43 226–230 FX PIXEL EFFECT 44 231–235 FX PIXEL EFFECT 45 236–240 FX PIXEL EFFECT 46 241–245 FX PIXEL EFFECT 47 246–250 FX PIXEL EFFECT 48 251–255 NO FUNCTION
31	Effect Speed 2	0	

CMY (32CH) (continued)

Ch	Function	Default	DMX values
32	Control1	0	0–10 NO FUNCTION 11–15 PAN/TILT BLACK ACTIVATED 16–20 PAN/TILT BLACK DEACTIVATED 21–25 PAN INVERT 26–30 TILT INVERT 31–35 PAN/TILT INVERT OFF 36–40 PAN DEGREE 630 41–45 PAN DEGREE 540 46–100 RESERVED 101–105 STUDIO 106–110 POWER 111–115 LIVE 116–130 RESERVED 131–135 DIMMER SPEED Halogen 136–140 DIMMER SPEED LED 141–145 DIMMER CURVE LINEAR 146–150 DIMMER CURVE SQUARE LAW 151–155 DIMMER CURVE INV SQUARE LAW 156–160 DIMMER CURVE S-CURVE 161–165 1200Hz 166–170 2400Hz 171–175 4000Hz 176–185 6000Hz 186–190 RESERVED 191–195 COLOR MODE RGBL 196–200 COLOR MODE RGBW 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–250 RESERVED 251–255 NO FUNCTION

TOUR (33CH)

33 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 stop rotation by spinout 64–127 stop rotation by shortcut 128–189 Forwards Pan rotation from fast 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Red	255	
8	Green	255	
9	Blue	255	
10	Color Add GY	255	
11	Dimmer	0	
12	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
13	Zoom	127	

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
14	Zoom	127	
15	Zoom	127	
16	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
17	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–10 STATIC PIXEL 11–12 STATIC PIXEL 1 13–14 STATIC PIXEL 2 15–16 STATIC PIXEL 3 17–18 STATIC PIXEL 4 19–20 STATIC PIXEL 5 21–22 STATIC PIXEL 6 23–24 STATIC PIXEL 7 25–26 STATIC PIXEL 8 27–28 STATIC PIXEL 9 29–30 STATIC PIXEL 10 31–32 STATIC PIXEL 11 33–34 STATIC PIXEL 12 35–36 STATIC PIXEL 13 37–38 STATIC PIXEL 14 39–40 STATIC PIXEL 15 41–42 STATIC PIXEL 16 43–44 STATIC PIXEL 17 45–46 STATIC PIXEL 18 47–48 STATIC PIXEL 19 49–50 STATIC PIXEL 20 51–52 STATIC PIXEL 21 53–54 STATIC PIXEL 22 55–56 STATIC PIXEL 23 57–58 STATIC PIXEL 24 59–60 STATIC PIXEL 25 61–62 STATIC PIXEL 26 63–64 STATIC PIXEL 27 65–66 STATIC PIXEL 28 67–68 STATIC PIXEL 29 69–70 STATIC PIXEL 30 71–72 STATIC PIXEL 31 73–74 STATIC PIXEL 32 75–76 STATIC PIXEL 33 77–78 STATIC PIXEL 34 79–80 STATIC PIXEL 35 81–82 STATIC PIXEL 36 83–84 STATIC PIXEL 37 85–86 STATIC PIXEL 38 87–88 STATIC PIXEL 39 89–90 STATIC PIXEL 40 91–92 STATIC PIXEL 41 93–94 STATIC PIXEL 42 95–96 STATIC PIXEL 43 97–98 STATIC PIXEL 44 99–100 STATIC PIXEL 45 101–102 STATIC PIXEL 46 103–104 STATIC PIXEL 47 105–106 STATIC PIXEL 48 107–108 STATIC PIXEL 49 109–110 STATIC PIXEL 50 111–112 STATIC PIXEL 51 113–114 STATIC PIXEL 52 115–116 STATIC PIXEL 53 117–118 STATIC PIXEL 54 119–120 STATIC PIXEL 55 121–122 STATIC PIXEL 56 123–124 STATIC PIXEL 57 125–126 STATIC PIXEL 58 127–128 STATIC PIXEL 59 129–130 STATIC PIXEL 60 131–132 STATIC PIXEL 61 133–134 STATIC PIXEL 62 135–136 STATIC PIXEL 63

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
19	Effect 2	0	0–10 NO FUNCTION 11–15 PIXEL EFFECT 1 16–20 PIXEL EFFECT 2 21–25 PIXEL EFFECT 3 26–30 PIXEL EFFECT 4 31–35 PIXEL EFFECT 5 36–40 PIXEL EFFECT 6 41–45 PIXEL EFFECT 7 46–50 PIXEL EFFECT 8 51–55 PIXEL EFFECT 9 56–60 PIXEL EFFECT 10 61–65 PIXEL EFFECT 11 66–70 PIXEL EFFECT 12 71–75 PIXEL EFFECT 13 76–80 PIXEL EFFECT 14 81–85 PIXEL EFFECT 15 86–90 PIXEL EFFECT 16 91–95 PIXEL EFFECT 17 96–100 PIXEL EFFECT 18 101–105 PIXEL EFFECT 19 106–110 PIXEL EFFECT 20 111–115 PIXEL EFFECT 21 116–120 PIXEL EFFECT 22 121–125 PIXEL EFFECT 23 126–130 PIXEL EFFECT 24 131–135 PIXEL EFFECT 25 136–140 PIXEL EFFECT 26 141–145 PIXEL EFFECT 27 146–150 PIXEL EFFECT 28 151–155 PIXEL EFFECT 29 156–160 PIXEL EFFECT 30 161–165 PIXEL EFFECT 31 166–170 PIXEL EFFECT 32 171–175 PIXEL EFFECT 33 176–180 PIXEL EFFECT 34 181–185 PIXEL EFFECT 35 186–190 PIXEL EFFECT 36 191–195 PIXEL EFFECT 37 196–200 PIXEL EFFECT 38 201–205 PIXEL EFFECT 39 206–210 PIXEL EFFECT 40 211–215 PIXEL EFFECT 41 216–220 PIXEL EFFECT 42 221–225 PIXEL EFFECT 43 226–230 PIXEL EFFECT 44 231–235 PIXEL EFFECT 45 236–240 PIXEL EFFECT 46 241–245 PIXEL EFFECT 47 246–250 PIXEL EFFECT 48 251–255 NO FUNCTION
20	Effect Speed 2	0	
21	Dimmer	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	255	
26	Dimmer	0	

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
28	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
29	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
30	Effect	0	0–10 NO FUNCTION 11–11 FX STATIC PIXEL 1 12–12 FX STATIC PIXEL 2 13–13 FX STATIC PIXEL 3 14–14 FX STATIC PIXEL 4 15–15 FX STATIC PIXEL 5 16–16 FX STATIC PIXEL 6 17–17 FX STATIC PIXEL 7 18–18 FX STATIC PIXEL 8 19–19 FX STATIC PIXEL 9 20–20 FX STATIC PIXEL 10 21–21 FX STATIC PIXEL 11 22–22 FX STATIC PIXEL 12 23–23 FX STATIC PIXEL 13 24–24 FX STATIC PIXEL 14 25–25 FX STATIC PIXEL 15 26–26 FX STATIC PIXEL 16 27–27 FX STATIC PIXEL 17 28–28 FX STATIC PIXEL 18 29–29 FX STATIC PIXEL 19 30–30 FX STATIC PIXEL 20 31–31 FX STATIC PIXEL 21 32–32 FX STATIC PIXEL 22 33–33 FX STATIC PIXEL 23 34–34 FX STATIC PIXEL 24 35–35 FX STATIC PIXEL 25 36–36 FX STATIC PIXEL 26 37–37 FX STATIC PIXEL 27 38–38 FX STATIC PIXEL 28 39–39 FX STATIC PIXEL 29 40–40 FX STATIC PIXEL 30 41–41 FX STATIC PIXEL 31 42–42 FX STATIC PIXEL 32 43–43 FX STATIC PIXEL 33 44–44 FX STATIC PIXEL 34 45–45 FX STATIC PIXEL 35 46–46 FX STATIC PIXEL 36 47–47 FX STATIC PIXEL 37 48–48 FX STATIC PIXEL 38 49–49 FX STATIC PIXEL 39 50–50 FX STATIC PIXEL 40 51–51 FX STATIC PIXEL 41 52–52 FX STATIC PIXEL 42 53–53 FX STATIC PIXEL 43 54–54 FX STATIC PIXEL 44 55–55 FX STATIC PIXEL 45 56–56 FX STATIC PIXEL 46 57–57 FX STATIC PIXEL 47 58–58 FX STATIC PIXEL 48 59–59 FX STATIC PIXEL 49 60–60 FX STATIC PIXEL 50 61–61 FX STATIC PIXEL 51 62–62 FX STATIC PIXEL 52 63–63 FX STATIC PIXEL 53 64–64 FX STATIC PIXEL 54 65–65 FX STATIC PIXEL 55 66–66 FX STATIC PIXEL 56 67–67 FX STATIC PIXEL 57 68–68 FX STATIC PIXEL 58 69–69 FX STATIC PIXEL 59 70–70 FX STATIC PIXEL 60 71–71 FX STATIC PIXEL 61 72–72 FX STATIC PIXEL 62 73–73 FX STATIC PIXEL 63

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
31	Effect 2	0	0–10 NO FUNCTION 11–15 FX PIXEL EFFECT 1 16–20 FX PIXEL EFFECT 2 21–25 FX PIXEL EFFECT 3 26–30 FX PIXEL EFFECT 4 31–35 FX PIXEL EFFECT 5 36–40 FX PIXEL EFFECT 6 41–45 FX PIXEL EFFECT 7 46–50 FX PIXEL EFFECT 8 51–55 FX PIXEL EFFECT 9 56–60 FX PIXEL EFFECT 10 61–65 FX PIXEL EFFECT 11 66–70 FX PIXEL EFFECT 12 71–75 FX PIXEL EFFECT 13 76–80 FX PIXEL EFFECT 14 81–85 FX PIXEL EFFECT 15 86–90 FX PIXEL EFFECT 16 91–95 FX PIXEL EFFECT 17 96–100 FX PIXEL EFFECT 18 101–105 FX PIXEL EFFECT 19 106–110 FX PIXEL EFFECT 20 111–115 FX PIXEL EFFECT 21 116–120 FX PIXEL EFFECT 22 121–125 FX PIXEL EFFECT 23 126–130 FX PIXEL EFFECT 24 131–135 FX PIXEL EFFECT 25 136–140 FX PIXEL EFFECT 26 141–145 FX PIXEL EFFECT 27 146–150 FX PIXEL EFFECT 28 151–155 FX PIXEL EFFECT 29 156–160 FX PIXEL EFFECT 30 161–165 FX PIXEL EFFECT 31 166–170 FX PIXEL EFFECT 32 171–175 FX PIXEL EFFECT 33 176–180 FX PIXEL EFFECT 34 181–185 FX PIXEL EFFECT 35 186–190 FX PIXEL EFFECT 36 191–195 FX PIXEL EFFECT 37 196–200 FX PIXEL EFFECT 38 201–205 FX PIXEL EFFECT 39 206–210 FX PIXEL EFFECT 40 211–215 FX PIXEL EFFECT 41 216–220 FX PIXEL EFFECT 42 221–225 FX PIXEL EFFECT 43 226–230 FX PIXEL EFFECT 44 231–235 FX PIXEL EFFECT 45 236–240 FX PIXEL EFFECT 46 241–245 FX PIXEL EFFECT 47 246–250 FX PIXEL EFFECT 48 251–255 NO FUNCTION
32	Effect Speed 2	0	

TOUR (33CH) (continued)

Ch	Function	Default	DMX values
33	Control1	0	0–10 NO FUNCTION 11–15 PAN/TILT BLACK ACTIVATED 16–20 PAN/TILT BLACK DEACTIVATED 21–25 PAN INVERT 26–30 TILT INVERT 31–35 PAN/TILT INVERT OFF 36–40 PAN DEGREE 630 41–45 PAN DEGREE 540 46–100 RESERVED 101–105 STUDIO 106–110 POWER 111–115 LIVE 116–130 RESERVED 131–135 DIMMER SPEED Halogen 136–140 DIMMER SPEED LED 141–145 DIMMER CURVE LINEAR 146–150 DIMMER CURVE SQUARE LAW 151–155 DIMMER CURVE INV SQUARE LAW 156–160 DIMMER CURVE S-CURVE 161–165 1200Hz 166–170 2400Hz 171–175 4000Hz 176–185 6000Hz 186–190 RESERVED 191–195 COLOR MODE RGBL 196–200 COLOR MODE RGBW 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–250 RESERVED 251–255 NO FUNCTION

TR16 (44CH)

44 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 stop rotation by spinout 64–127 stop rotation by shortcut 128–189 Forwards Pan rotation from fast 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	
14	Color Add GY Fine	255	Fine byte of Color Add GY
15	Dimmer	0	
16	Dimmer Fine	0	Fine byte of Dimmer

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
18	Zoom	127	
19	Dimmer	0	
20	Dimmer Fine	0	Fine byte of Dimmer
21	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
22	Zoom	127	
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer
25	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
26	Zoom	127	
27	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
28	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
29	Effect	0	0–10 STATIC PIXEL 11–12 STATIC PIXEL 1 13–14 STATIC PIXEL 2 15–16 STATIC PIXEL 3 17–18 STATIC PIXEL 4 19–20 STATIC PIXEL 5 21–22 STATIC PIXEL 6 23–24 STATIC PIXEL 7 25–26 STATIC PIXEL 8 27–28 STATIC PIXEL 9 29–30 STATIC PIXEL 10 31–32 STATIC PIXEL 11 33–34 STATIC PIXEL 12 35–36 STATIC PIXEL 13 37–38 STATIC PIXEL 14 39–40 STATIC PIXEL 15 41–42 STATIC PIXEL 16 43–44 STATIC PIXEL 17 45–46 STATIC PIXEL 18 47–48 STATIC PIXEL 19 49–50 STATIC PIXEL 20 51–52 STATIC PIXEL 21 53–54 STATIC PIXEL 22 55–56 STATIC PIXEL 23 57–58 STATIC PIXEL 24 59–60 STATIC PIXEL 25 61–62 STATIC PIXEL 26 63–64 STATIC PIXEL 27 65–66 STATIC PIXEL 28 67–68 STATIC PIXEL 29 69–70 STATIC PIXEL 30 71–72 STATIC PIXEL 31 73–74 STATIC PIXEL 32 75–76 STATIC PIXEL 33 77–78 STATIC PIXEL 34 79–80 STATIC PIXEL 35 81–82 STATIC PIXEL 36 83–84 STATIC PIXEL 37 85–86 STATIC PIXEL 38 87–88 STATIC PIXEL 39 89–90 STATIC PIXEL 40 91–92 STATIC PIXEL 41 93–94 STATIC PIXEL 42 95–96 STATIC PIXEL 43 97–98 STATIC PIXEL 44 99–100 STATIC PIXEL 45 101–102 STATIC PIXEL 46 103–104 STATIC PIXEL 47 105–106 STATIC PIXEL 48 107–108 STATIC PIXEL 49 109–110 STATIC PIXEL 50 111–112 STATIC PIXEL 51 113–114 STATIC PIXEL 52 115–116 STATIC PIXEL 53 117–118 STATIC PIXEL 54 119–120 STATIC PIXEL 55 121–122 STATIC PIXEL 56 123–124 STATIC PIXEL 57 125–126 STATIC PIXEL 58 127–128 STATIC PIXEL 59 129–130 STATIC PIXEL 60 131–132 STATIC PIXEL 61 133–134 STATIC PIXEL 62 135–136 STATIC PIXEL 63

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
30	Effect 2	0	0–10 NO FUNCTION 11–15 PIXEL EFFECT 1 16–20 PIXEL EFFECT 2 21–25 PIXEL EFFECT 3 26–30 PIXEL EFFECT 4 31–35 PIXEL EFFECT 5 36–40 PIXEL EFFECT 6 41–45 PIXEL EFFECT 7 46–50 PIXEL EFFECT 8 51–55 PIXEL EFFECT 9 56–60 PIXEL EFFECT 10 61–65 PIXEL EFFECT 11 66–70 PIXEL EFFECT 12 71–75 PIXEL EFFECT 13 76–80 PIXEL EFFECT 14 81–85 PIXEL EFFECT 15 86–90 PIXEL EFFECT 16 91–95 PIXEL EFFECT 17 96–100 PIXEL EFFECT 18 101–105 PIXEL EFFECT 19 106–110 PIXEL EFFECT 20 111–115 PIXEL EFFECT 21 116–120 PIXEL EFFECT 22 121–125 PIXEL EFFECT 23 126–130 PIXEL EFFECT 24 131–135 PIXEL EFFECT 25 136–140 PIXEL EFFECT 26 141–145 PIXEL EFFECT 27 146–150 PIXEL EFFECT 28 151–155 PIXEL EFFECT 29 156–160 PIXEL EFFECT 30 161–165 PIXEL EFFECT 31 166–170 PIXEL EFFECT 32 171–175 PIXEL EFFECT 33 176–180 PIXEL EFFECT 34 181–185 PIXEL EFFECT 35 186–190 PIXEL EFFECT 36 191–195 PIXEL EFFECT 37 196–200 PIXEL EFFECT 38 201–205 PIXEL EFFECT 39 206–210 PIXEL EFFECT 40 211–215 PIXEL EFFECT 41 216–220 PIXEL EFFECT 42 221–225 PIXEL EFFECT 43 226–230 PIXEL EFFECT 44 231–235 PIXEL EFFECT 45 236–240 PIXEL EFFECT 46 241–245 PIXEL EFFECT 47 246–250 PIXEL EFFECT 48 251–255 NO FUNCTION
31	Effect Speed 2	0	
32	Dimmer	0	
33	Red	255	
34	Green	255	
35	Blue	255	
36	White	255	
37	Dimmer	0	

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
38	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
39	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
40	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
41	Effect	0	0–10 NO FUNCTION 11–11 FX STATIC PIXEL 1 12–12 FX STATIC PIXEL 2 13–13 FX STATIC PIXEL 3 14–14 FX STATIC PIXEL 4 15–15 FX STATIC PIXEL 5 16–16 FX STATIC PIXEL 6 17–17 FX STATIC PIXEL 7 18–18 FX STATIC PIXEL 8 19–19 FX STATIC PIXEL 9 20–20 FX STATIC PIXEL 10 21–21 FX STATIC PIXEL 11 22–22 FX STATIC PIXEL 12 23–23 FX STATIC PIXEL 13 24–24 FX STATIC PIXEL 14 25–25 FX STATIC PIXEL 15 26–26 FX STATIC PIXEL 16 27–27 FX STATIC PIXEL 17 28–28 FX STATIC PIXEL 18 29–29 FX STATIC PIXEL 19 30–30 FX STATIC PIXEL 20 31–31 FX STATIC PIXEL 21 32–32 FX STATIC PIXEL 22 33–33 FX STATIC PIXEL 23 34–34 FX STATIC PIXEL 24 35–35 FX STATIC PIXEL 25 36–36 FX STATIC PIXEL 26 37–37 FX STATIC PIXEL 27 38–38 FX STATIC PIXEL 28 39–39 FX STATIC PIXEL 29 40–40 FX STATIC PIXEL 30 41–41 FX STATIC PIXEL 31 42–42 FX STATIC PIXEL 32 43–43 FX STATIC PIXEL 33 44–44 FX STATIC PIXEL 34 45–45 FX STATIC PIXEL 35 46–46 FX STATIC PIXEL 36 47–47 FX STATIC PIXEL 37 48–48 FX STATIC PIXEL 38 49–49 FX STATIC PIXEL 39 50–50 FX STATIC PIXEL 40 51–51 FX STATIC PIXEL 41 52–52 FX STATIC PIXEL 42 53–53 FX STATIC PIXEL 43 54–54 FX STATIC PIXEL 44 55–55 FX STATIC PIXEL 45 56–56 FX STATIC PIXEL 46 57–57 FX STATIC PIXEL 47 58–58 FX STATIC PIXEL 48 59–59 FX STATIC PIXEL 49 60–60 FX STATIC PIXEL 50 61–61 FX STATIC PIXEL 51 62–62 FX STATIC PIXEL 52 63–63 FX STATIC PIXEL 53 64–64 FX STATIC PIXEL 54 65–65 FX STATIC PIXEL 55 66–66 FX STATIC PIXEL 56 67–67 FX STATIC PIXEL 57 68–68 FX STATIC PIXEL 58 69–69 FX STATIC PIXEL 59 70–70 FX STATIC PIXEL 60 71–71 FX STATIC PIXEL 61 72–72 FX STATIC PIXEL 62 73–73 FX STATIC PIXEL 63

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
42	Effect 2	0	0–10 NO FUNCTION 11–15 FX PIXEL EFFECT 1 16–20 FX PIXEL EFFECT 2 21–25 FX PIXEL EFFECT 3 26–30 FX PIXEL EFFECT 4 31–35 FX PIXEL EFFECT 5 36–40 FX PIXEL EFFECT 6 41–45 FX PIXEL EFFECT 7 46–50 FX PIXEL EFFECT 8 51–55 FX PIXEL EFFECT 9 56–60 FX PIXEL EFFECT 10 61–65 FX PIXEL EFFECT 11 66–70 FX PIXEL EFFECT 12 71–75 FX PIXEL EFFECT 13 76–80 FX PIXEL EFFECT 14 81–85 FX PIXEL EFFECT 15 86–90 FX PIXEL EFFECT 16 91–95 FX PIXEL EFFECT 17 96–100 FX PIXEL EFFECT 18 101–105 FX PIXEL EFFECT 19 106–110 FX PIXEL EFFECT 20 111–115 FX PIXEL EFFECT 21 116–120 FX PIXEL EFFECT 22 121–125 FX PIXEL EFFECT 23 126–130 FX PIXEL EFFECT 24 131–135 FX PIXEL EFFECT 25 136–140 FX PIXEL EFFECT 26 141–145 FX PIXEL EFFECT 27 146–150 FX PIXEL EFFECT 28 151–155 FX PIXEL EFFECT 29 156–160 FX PIXEL EFFECT 30 161–165 FX PIXEL EFFECT 31 166–170 FX PIXEL EFFECT 32 171–175 FX PIXEL EFFECT 33 176–180 FX PIXEL EFFECT 34 181–185 FX PIXEL EFFECT 35 186–190 FX PIXEL EFFECT 36 191–195 FX PIXEL EFFECT 37 196–200 FX PIXEL EFFECT 38 201–205 FX PIXEL EFFECT 39 206–210 FX PIXEL EFFECT 40 211–215 FX PIXEL EFFECT 41 216–220 FX PIXEL EFFECT 42 221–225 FX PIXEL EFFECT 43 226–230 FX PIXEL EFFECT 44 231–235 FX PIXEL EFFECT 45 236–240 FX PIXEL EFFECT 46 241–245 FX PIXEL EFFECT 47 246–250 FX PIXEL EFFECT 48 251–255 NO FUNCTION
43	Effect Speed 2	0	

TR16 (44CH) (continued)

Ch	Function	Default	DMX values
44	Control1	0	0–10 NO FUNCTION 11–15 PAN/TILT BLACK ACTIVATED 16–20 PAN/TILT BLACK DEACTIVATED 21–25 PAN INVERT 26–30 TILT INVERT 31–35 PAN/TILT INVERT OFF 36–40 PAN DEGREE 630 41–45 PAN DEGREE 540 46–100 RESERVED 101–105 STUDIO 106–110 POWER 111–115 LIVE 116–130 RESERVED 131–135 DIMMER SPEED Halogen 136–140 DIMMER SPEED LED 141–145 DIMMER CURVE LINEAR 146–150 DIMMER CURVE SQUARE LAW 151–155 DIMMER CURVE INV SQUARE LAW 156–160 DIMMER CURVE S-CURVE 161–165 1200Hz 166–170 2400Hz 171–175 4000Hz 176–185 6000Hz 186–190 RESERVED 191–195 COLOR MODE RGBL 196–200 COLOR MODE RGBW 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–250 RESERVED 251–255 NO FUNCTION

PIXEL RGBL (154CH)

154 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
8	C TC	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
12	Zoom	127	
13	Dimmer	0	
14	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
15	Zoom	127	
16	Dimmer	0	
17	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
18	Zoom	127	
19	Dimmer	0	
20	Dimmer	0	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
22	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
23	C TC	0	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
24	Effect	0	0–10 STATIC PIXEL 11–12 STATIC PIXEL 1 13–14 STATIC PIXEL 2 15–16 STATIC PIXEL 3 17–18 STATIC PIXEL 4 19–20 STATIC PIXEL 5 21–22 STATIC PIXEL 6 23–24 STATIC PIXEL 7 25–26 STATIC PIXEL 8 27–28 STATIC PIXEL 9 29–30 STATIC PIXEL 10 31–32 STATIC PIXEL 11 33–34 STATIC PIXEL 12 35–36 STATIC PIXEL 13 37–38 STATIC PIXEL 14 39–40 STATIC PIXEL 15 41–42 STATIC PIXEL 16 43–44 STATIC PIXEL 17 45–46 STATIC PIXEL 18 47–48 STATIC PIXEL 19 49–50 STATIC PIXEL 20 51–52 STATIC PIXEL 21 53–54 STATIC PIXEL 22 55–56 STATIC PIXEL 23 57–58 STATIC PIXEL 24 59–60 STATIC PIXEL 25 61–62 STATIC PIXEL 26 63–64 STATIC PIXEL 27 65–66 STATIC PIXEL 28 67–68 STATIC PIXEL 29 69–70 STATIC PIXEL 30 71–72 STATIC PIXEL 31 73–74 STATIC PIXEL 32 75–76 STATIC PIXEL 33 77–78 STATIC PIXEL 34 79–80 STATIC PIXEL 35 81–82 STATIC PIXEL 36 83–84 STATIC PIXEL 37 85–86 STATIC PIXEL 38 87–88 STATIC PIXEL 39 89–90 STATIC PIXEL 40 91–92 STATIC PIXEL 41 93–94 STATIC PIXEL 42 95–96 STATIC PIXEL 43 97–98 STATIC PIXEL 44 99–100 STATIC PIXEL 45 101–102 STATIC PIXEL 46 103–104 STATIC PIXEL 47 105–106 STATIC PIXEL 48 107–108 STATIC PIXEL 49 109–110 STATIC PIXEL 50 111–112 STATIC PIXEL 51 113–114 STATIC PIXEL 52 115–116 STATIC PIXEL 53 117–118 STATIC PIXEL 54 119–120 STATIC PIXEL 55 121–122 STATIC PIXEL 56 123–124 STATIC PIXEL 57 125–126 STATIC PIXEL 58 127–128 STATIC PIXEL 59 129–130 STATIC PIXEL 60 131–132 STATIC PIXEL 61 133–134 STATIC PIXEL 62 135–136 STATIC PIXEL 63

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
25	Effect 2	0	0–10 NO FUNCTION 11–15 PIXEL EFFECT 1 16–20 PIXEL EFFECT 2 21–25 PIXEL EFFECT 3 26–30 PIXEL EFFECT 4 31–35 PIXEL EFFECT 5 36–40 PIXEL EFFECT 6 41–45 PIXEL EFFECT 7 46–50 PIXEL EFFECT 8 51–55 PIXEL EFFECT 9 56–60 PIXEL EFFECT 10 61–65 PIXEL EFFECT 11 66–70 PIXEL EFFECT 12 71–75 PIXEL EFFECT 13 76–80 PIXEL EFFECT 14 81–85 PIXEL EFFECT 15 86–90 PIXEL EFFECT 16 91–95 PIXEL EFFECT 17 96–100 PIXEL EFFECT 18 101–105 PIXEL EFFECT 19 106–110 PIXEL EFFECT 20 111–115 PIXEL EFFECT 21 116–120 PIXEL EFFECT 22 121–125 PIXEL EFFECT 23 126–130 PIXEL EFFECT 24 131–135 PIXEL EFFECT 25 136–140 PIXEL EFFECT 26 141–145 PIXEL EFFECT 27 146–150 PIXEL EFFECT 28 151–155 PIXEL EFFECT 29 156–160 PIXEL EFFECT 30 161–165 PIXEL EFFECT 31 166–170 PIXEL EFFECT 32 171–175 PIXEL EFFECT 33 176–180 PIXEL EFFECT 34 181–185 PIXEL EFFECT 35 186–190 PIXEL EFFECT 36 191–195 PIXEL EFFECT 37 196–200 PIXEL EFFECT 38 201–205 PIXEL EFFECT 39 206–210 PIXEL EFFECT 40 211–215 PIXEL EFFECT 41 216–220 PIXEL EFFECT 42 221–225 PIXEL EFFECT 43 226–230 PIXEL EFFECT 44 231–235 PIXEL EFFECT 45 236–240 PIXEL EFFECT 46 241–245 PIXEL EFFECT 47 246–250 PIXEL EFFECT 48 251–255 NO FUNCTION
26	Effect Speed 2	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	Color Add GY	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add GY	0	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
35	Red	255	
36	Green	255	
37	Blue	255	
38	Color Add GY	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Color Add GY	0	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Color Add GY	0	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Color Add GY	0	
51	Red	255	
52	Green	255	
53	Blue	255	
54	Color Add GY	0	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Color Add GY	0	
59	Red	255	
60	Green	255	
61	Blue	255	
62	Color Add GY	0	
63	Red	255	
64	Green	255	
65	Blue	255	
66	Color Add GY	0	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Color Add GY	0	
71	Red	255	
72	Green	255	
73	Blue	255	
74	Color Add GY	0	
75	Red	255	
76	Green	255	
77	Blue	255	
78	Color Add GY	0	
79	Red	255	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
80	Green	255	
81	Blue	255	
82	Color Add GY	0	
83	Red	255	
84	Green	255	
85	Blue	255	
86	Color Add GY	0	
87	Red	255	
88	Green	255	
89	Blue	255	
90	Color Add GY	0	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Color Add GY	0	
95	Red	255	
96	Green	255	
97	Blue	255	
98	Color Add GY	0	
99	Red	255	
100	Green	255	
101	Blue	255	
102	Color Add GY	0	
103	Red	255	
104	Green	255	
105	Blue	255	
106	Color Add GY	0	
107	Red	255	
108	Green	255	
109	Blue	255	
110	Color Add GY	0	
111	Red	255	
112	Green	255	
113	Blue	255	
114	Color Add GY	0	
115	Red	255	
116	Green	255	
117	Blue	255	
118	Color Add GY	0	
119	Red	255	
120	Green	255	
121	Blue	255	
122	Color Add GY	0	
123	Red	255	
124	Green	255	

PIXEL RGBL (154CH) (continued)

Ch	Function	Default	DMX values
125	Blue	255	
126	Color Add GY	0	
127	Red	255	
128	Green	255	
129	Blue	255	
130	Color Add GY	0	
131	Red	25	
132	Green	255	
133	Blue	255	
134	Color Add GY	0	
135	Red	255	
136	Green	255	
137	Blue	255	
138	Color Add GY	0	
139	Red	255	
140	Green	255	
141	Blue	255	
142	Color Add GY	0	
143	Red	255	
144	Green	255	
145	Blue	255	
146	Color Add GY	0	
147	Red	255	
148	Green	255	
149	Blue	255	
150	Color Add GY	0	
151	Red	255	
152	Green	255	
153	Blue	255	
154	Color Add GY	0	

PIXEL FULL(391CH)

391 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
8	C TC	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
12	Zoom	127	
13	Dimmer	0	
14	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
15	Zoom	127	
16	Dimmer	0	
17	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
18	Zoom	127	
19	Dimmer	0	
20	Dimmer	0	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
22	Color Wheel	0	0–15 WHITE (wheel slot 1) 16–20 R40 (wheel slot 2) 21–25 L24 (wheel slot 3) 26–40 L164 (wheel slot 4) 41–45 L08 (wheel slot 5) 46–55 L25 (wheel slot 6) 56–60 L237 (wheel slot 7) 61–65 R321 (wheel slot 8) 66–75 L652 (wheel slot 9) 76–80 L765 (wheel slot 10) 81–105 L513 (wheel slot 11) 106–115 L90 (wheel slot 12) 116–135 R92 (wheel slot 13) 136–140 L728 (wheel slot 14) 141–145 L117 (wheel slot 15) 146–155 L354 (wheel slot 16) 156–160 L501 (wheel slot 17) 161–180 L174 (wheel slot 18) 181–195 L142 (wheel slot 19) 196–200 L794 (wheel slot 20) 201–215 L328 (wheel slot 21) 216–220 L127 (wheel slot 22) 221–235 L192 (wheel slot 23) 236–240 L157 (wheel slot 24) 241–245 R332 (wheel slot 25) 246–255 NO FUNCTION (wheel slot 1)
23	C TC	0	
24	Red	255	
25	Green	255	
26	Blue	255	
27	Color Add GY	0	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Color Add GY	0	
32	Red	255	
33	Green	255	
34	Blue	255	
35	Color Add GY	0	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Color Add GY	0	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Color Add GY	0	
44	Red	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
45	Green	255	
46	Blue	255	
47	Color Add GY	0	
48	Red	255	
49	Green	255	
50	Blue	255	
51	Color Add GY	0	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Color Add GY	0	
56	Red	255	
57	Green	255	
58	Blue	255	
59	Color Add GY	0	
60	Red	255	
61	Green	255	
62	Blue	255	
63	Color Add GY	0	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Color Add GY	0	
68	Red	255	
69	Green	255	
70	Blue	255	
71	Color Add GY	0	
72	Red	255	
73	Green	255	
74	Blue	255	
75	Color Add GY	0	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Color Add GY	0	
80	Red	255	
81	Green	255	
82	Blue	255	
83	Color Add GY	0	
84	Red	255	
85	Green	255	
86	Blue	255	
87	Color Add GY	0	
88	Red	255	
89	Green	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
90	Blue	255	
91	Color Add GY	0	
92	Red	255	
93	Green	255	
94	Blue	255	
95	Color Add GY	0	
96	Red	255	
97	Green	255	
98	Blue	255	
99	Color Add GY	0	
100	Red	255	
101	Green	255	
102	Blue	255	
103	Color Add GY	0	
104	Red	255	
105	Green	255	
106	Blue	255	
107	Color Add GY	0	
108	Red	255	
109	Green	255	
110	Blue	255	
111	Color Add GY	0	
112	Red	255	
113	Green	255	
114	Blue	255	
115	Color Add GY	0	
116	Red	255	
117	Green	255	
118	Blue	255	
119	Color Add GY	0	
120	Red	255	
121	Green	255	
122	Blue	255	
123	Color Add GY	0	
124	Red	255	
125	Green	255	
126	Blue	255	
127	Color Add GY	0	
128	Red	25	
129	Green	255	
130	Blue	255	
131	Color Add GY	0	
132	Red	255	
133	Green	255	
134	Blue	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
135	Color Add GY	0	
136	Red	255	
137	Green	255	
138	Blue	255	
139	Color Add GY	0	
140	Red	255	
141	Green	255	
142	Blue	255	
143	Color Add GY	0	
144	Red	255	
145	Green	255	
146	Blue	255	
147	Color Add GY	0	
148	Red	255	
149	Green	255	
150	Blue	255	
151	Color Add GY	0	
152	Red	255	
153	Green	255	
154	Blue	255	
155	White	0	
156	Red	255	
157	Green	255	
158	Blue	255	
159	White	0	
160	Red	255	
161	Green	255	
162	Blue	255	
163	White	0	
164	Red	255	
165	Green	255	
166	Blue	255	
167	White	0	
168	Red	255	
169	Green	255	
170	Blue	255	
171	White	0	
172	Red	255	
173	Green	255	
174	Blue	255	
175	White	0	
176	Red	255	
177	Green	255	
178	Blue	255	
179	White	0	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
180	Red	255	
181	Green	255	
182	Blue	255	
183	White	0	
184	Red	255	
185	Green	255	
186	Blue	255	
187	White	0	
188	Red	255	
189	Green	255	
190	Blue	25	
191	White	0	
192	Red	255	
193	Green	255	
194	Blue	255	
195	White	0	
196	Red	255	
197	Green	255	
198	Blue	255	
199	White	0	
200	Red	255	
201	Green	255	
202	Blue	255	
203	White	0	
204	Red	255	
205	Green	255	
206	Blue	255	
207	White	0	
208	Red	255	
209	Green	255	
210	Blue	255	
211	White	0	
212	Red	255	
213	Green	255	
214	Blue	255	
215	White	0	
216	Red	255	
217	Green	255	
218	Blue	255	
219	White	0	
220	Red	255	
221	Green	255	
222	Blue	255	
223	White	0	
224	Red	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
225	Green	255	
226	Blue	255	
227	White	0	
228	Red	255	
229	Green	255	
230	Blue	255	
231	White	0	
232	Red	255	
233	Green	255	
234	Blue	255	
235	White	0	
236	Red	255	
237	Green	255	
238	Blue	255	
239	White	0	
240	Red	255	
241	Green	255	
242	Blue	255	
243	White	0	
244	Red	255	
245	Green	255	
246	Blue	255	
247	White	0	
248	Red	255	
249	Green	255	
250	Blue	255	
251	White	0	
252	Red	255	
253	Green	255	
254	Blue	255	
255	White	0	
256	Red	255	
257	Green	255	
258	Blue	255	
259	White	0	
260	Red	255	
261	Green	255	
262	Blue	255	
263	White	0	
264	Red	255	
265	Green	255	
266	Blue	255	
267	White	0	
268	Red	255	
269	Green	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
270	Blue	255	
271	White	0	
272	Red	255	
273	Green	255	
274	Blue	255	
275	White	0	
276	Red	255	
277	Green	255	
278	Blue	255	
279	White	0	
280	Red	255	
281	Green	255	
282	Blue	255	
283	White	0	
284	Red	255	
285	Green	255	
286	Blue	255	
287	White	0	
288	Red	255	
289	Green	255	
290	Blue	255	
291	White	0	
292	Red	255	
293	Green	255	
294	Blue	255	
295	White	0	
296	Red	255	
297	Green	255	
298	Blue	255	
299	White	0	
300	Red	255	
301	Green	255	
302	Blue	255	
303	White	0	
304	Red	255	
305	Green	255	
306	Blue	255	
307	White	0	
308	Red	255	
309	Green	255	
310	Blue	255	
311	White	0	
312	Red	255	
313	Green	255	
314	Blue	255	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
315	White	0	
316	Red	255	
317	Green	255	
318	Blue	255	
319	White	0	
320	Red	255	
321	Green	255	
322	Blue	255	
323	White	0	
324	Red	255	
325	Green	255	
326	Blue	255	
327	White	0	
328	Red	255	
329	Green	255	
330	Blue	255	
331	White	0	
332	Red	255	
333	Green	255	
334	Blue	255	
335	White	0	
336	Red	255	
337	Green	255	
338	Blue	255	
339	White	0	
340	Red	255	
341	Green	255	
342	Blue	255	
343	White	0	
344	Dimmer	0	
345	Dimmer	0	
346	Dimmer	0	
347	Dimmer	0	
348	Dimmer	0	
349	Dimmer	0	
350	Dimmer	0	
351	Dimmer	0	
352	Dimmer	0	
353	Dimmer	0	
354	Dimmer	0	
355	Dimmer	0	
356	Dimmer	0	
357	Dimmer	0	
358	Dimmer	0	
359	Dimmer	0	

PIXEL FULL(391CH) (continued)

Ch	Function	Default	DMX values
360	Dimmer	0	
361	Dimmer	0	
362	Dimmer	0	
363	Dimmer	0	
364	Dimmer	0	
365	Dimmer	0	
366	Dimmer	0	
367	Dimmer	0	
368	Dimmer	0	
369	Dimmer	0	
370	Dimmer	0	
371	Dimmer	0	
372	Dimmer	0	
373	Dimmer	0	
374	Dimmer	0	
375	Dimmer	0	
376	Dimmer	0	
377	Dimmer	0	
378	Dimmer	0	
379	Dimmer	0	
380	Dimmer	0	
381	Dimmer	0	
382	Dimmer	0	
383	Dimmer	0	
384	Dimmer	0	
385	Dimmer	0	
386	Dimmer	0	
387	Dimmer	0	
388	Dimmer	0	
389	Dimmer	0	
390	Dimmer	0	
391	Dimmer	0	