Silver Star

NW10-XT



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**20, 22, 23, 25, 30, 31 channels**
Beam angle	**3.5-38°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**4**
Size (W × H × D)	**316 × 240 × 316 mm**
GDTF fixture type	**D050F53B-55E6-471D-9649-85…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

SSP(20CH)	20 ch
HSIC(22CH)	22 ch
CMY(23CH)	23 ch
TOUR(25CH)	25 ch
Pixel(30CH)	30 ch
TR16(31CH)	31 ch

SSP(20CH)

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
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 to slow 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	
9	Color Add RY	0	
10	Dimmer	0	0–254 Closed 255–255 Open
11	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
12	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
13	Red	255	
14	Green	255	
15	Blue	255	
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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)

SSP(20CH) (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
18	Effect Speed	0	0–254 Slow 255–255 Fast
19	Dimmer	0	0–254 Closed 255–255 Open
20	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION

HSIC(22CH)

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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 to slow 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Dimmer	0	0–254 Closed 255–255 Open
8	H SBHue	0	
9	H SBHue Fine	0	Fine byte of H SBHue
10	H SBSaturation	0	
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	C RIMode	0	
13	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
14	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
15	Red	255	
16	Green	255	
17	Blue	255	

HSIC(22CH) (continued)

Ch	Function	Default	DMX values
18	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
19	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
20	Effect Speed	0	0–254 Slow 255–255 Fast
21	Dimmer	0	0–254 Closed 255–255 Open

HSIC(22CH) (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION

CMY(23CH)

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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 to slow 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	0–254 Closed 255–255 Open
11	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe

CMY(23CH) (continued)

Ch	Function	Default	DMX values
12	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
13	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
14	C RIMode	0	
15	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
16	Red	255	
17	Green	255	
18	Blue	255	

CMY(23CH) (continued)

Ch	Function	Default	DMX values
19	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
20	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
21	Effect Speed	0	0–254 Slow 255–255 Fast
22	Dimmer	0	0–254 Closed 255–255 Open

CMY(23CH) (continued)

Ch	Function	Default	DMX values
23	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION

TOUR(25CH)

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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 to slow 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	0	
11	Color Add RY	0	
12	Dimmer	0	0–254 Closed 255–255 Open
13	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe

TOUR(25CH) (continued)

Ch	Function	Default	DMX values
14	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
15	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
16	C RIMode	0	
17	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
18	Red	255	
19	Green	255	
20	Blue	255	

TOUR(25CH) (continued)

Ch	Function	Default	DMX values
21	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
22	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
23	Effect Speed	0	0–254 Slow 255–255 Fast
24	Dimmer	0	0–254 Closed 255–255 Open

TOUR(25CH) (continued)

Ch	Function	Default	DMX values
25	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION

Pixel(30CH)

30 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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 to slow 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
8	Red	255	
9	Green	255	
10	Blue	255	

Pixel(30CH) (continued)

Ch	Function	Default	DMX values
11	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
12	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
13	Effect Speed	0	0–254 Slow 255–255 Fast
14	Dimmer	0	0–254 Closed 255–255 Open

Pixel(30CH) (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION
16	Dimmer	0	0–254 Closed 255–255 Open
17	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
18	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)

Pixel(30CH) (continued)

Ch	Function	Default	DMX values
19	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
20	C RIMode	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Color Add RY	0	
26	Red	0	
27	Green	0	0–254 MI 255–255 MAX
28	Blue	0	
29	White	0	
30	Color Add RY	0	

TR16(31CH)

31 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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 to slow 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	White	0	
14	White Fine	0	Fine byte of White
15	Color Add RY	0	
16	Color Add RY Fine	0	Fine byte of Color Add RY

TR16(31CH) (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
20	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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
21	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
22	C RIMode	0	
23	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
24	Red	255	
25	Green	255	
26	Blue	255	

TR16(31CH) (continued)

Ch	Function	Default	DMX values
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) 41–49 L08 (wheel slot 5) 50–59 L25 (wheel slot 6) 60–64 L237 (wheel slot 7) 65–69 R321 (wheel slot 8) 70–79 L652 (wheel slot 9) 80–84 L765 (wheel slot 10) 85–109 L513 (wheel slot 11) 110–119 L90 (wheel slot 12) 120–132 R92 (wheel slot 13) 133–142 L728 (wheel slot 14) 143–149 L117 (wheel slot 15) 150–159 L354 (wheel slot 16) 160–164 L501 (wheel slot 17) 165–183 L174 (wheel slot 18) 184–194 L142 (wheel slot 19) 195–204 L794 (wheel slot 20) 205–214 L328 (wheel slot 21) 215–224 L127 (wheel slot 22) 225–235 L192 (wheel slot 23) 236–244 L157 (wheel slot 24) 245–255 R332 (wheel slot 25)
28	Effect	0	0–10 Open 11–20 FX1 21–30 FX2 31–40 FX3 41–50 FX4 51–60 FX5 61–70 FX6 71–80 FX7 81–90 FX8 91–100 FX9 101–110 FX10 111–120 FX11 121–130 FX12 131–140 FX13 141–150 FX14 151–160 FX15 161–170 FX16 171–180 FX17 181–190 FX18 191–200 FX19 201–210 FX20 211–255 Open
29	Effect Speed	0	0–254 Slow 255–255 Fast
30	Dimmer	0	0–254 Closed 255–255 Open

TR16(31CH) (continued)

Ch	Function	Default	DMX values
31	Control1	0	0–10 No Function 11–15 P/T Black On 16–20 P/T Black Off 21–25 Pan Invert On 26–30 Tilt Invert On 31–35 P/T 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 176–180 6000Hz 181–185 25000Hz 186–200 RESERVED 201–205 ALL RESET 206–210 XY RESET 211–215 ZOOM RESET 216–255 NO FUNCTION