Silver Star

NW8-T



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**19, 21, 22, 24, 29, 30 channels**
Beam angle	**3.5-70°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**4**
Size (W × H × D)	**316 × 240 × 316 mm**
GDTF fixture type	**C98F68E8-03AB-4738-90E7-8B...**

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 (19 CH)	19 ch
HSIC (21 CH)	21 ch
CMY (22 CH)	22 ch
TOUR (24 CH)	24 ch
Pixel(29 CH)	29 ch
TR16 (30 CH)	30 ch

SSP (19 CH)

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Red	255	
5	Green	255	
6	Blue	255	
7	White	0	
8	Color Add RY	0	
9	Dimmer	0	0–254 Closed 255–255 Open
10	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
11	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
12	Red	255	
13	Green	255	
14	Blue	255	

SSP (19 CH) (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open
16	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
17	Effect Speed	0	0–254 Slow 255–255 Fast

SSP (19 CH) (continued)

Ch	Function	Default	DMX values
18	Dimmer	0	0–254 Closed 255–255 Open
19	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved

HSIC (21 CH)

21 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	Dimmer	0	0–254 Closed 255–255 Open
7	H SBHue	0	
8	H SBHue Fine	0	Fine byte of H SBHue
9	H SBSaturation	0	
10	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
11	C RIMode	0	

HSIC (21 CH) (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
13	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
14	Red	255	
15	Green	255	
16	Blue	255	
17	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open

HSIC (21 CH) (continued)

Ch	Function	Default	DMX values
18	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
19	Effect Speed	0	0–254 Slow 255–255 Fast
20	Dimmer	0	0–254 Closed 255–255 Open
21	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved

CMY (22 CH)

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	

CMY (22 CH) (continued)

Ch	Function	Default	DMX values
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Dimmer	0	0–254 Closed 255–255 Open
10	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
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	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
13	C RIMode	0	
14	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
15	Red	255	
16	Green	255	
17	Blue	255	

CMY (22 CH) (continued)

Ch	Function	Default	DMX values
18	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open
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

CMY (22 CH) (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	0–254 Closed 255–255 Open
22	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved

TOUR (24 CH)

24 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	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	
10	Color Add RY	0	
11	Dimmer	0	0–254 Closed 255–255 Open
12	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe

TOUR (24 CH) (continued)

Ch	Function	Default	DMX values
13	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)
14	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
15	C RIMode	0	
16	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
17	Red	255	
18	Green	255	
19	Blue	255	

TOUR (24 CH) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open
21	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
22	Effect Speed	0	0–254 Slow 255–255 Fast

TOUR (24 CH) (continued)

Ch	Function	Default	DMX values
23	Dimmer	0	0–254 Closed 255–255 Open
24	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved

Pixel(29 CH)

29 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	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
7	Red	255	
8	Green	255	
9	Blue	255	

Pixel(29 CH) (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open
11	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
12	Effect Speed	0	0–254 Slow 255–255 Fast

Pixel(29 CH) (continued)

Ch	Function	Default	DMX values
13	Dimmer	0	0–254 Closed 255–255 Open
14	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved
15	Dimmer	0	0–254 Closed 255–255 Open
16	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
17	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(29 CH) (continued)

Ch	Function	Default	DMX values
18	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
19	C RIMode	0	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	0	
24	Color Add RY	0	
25	Red	0	
26	Green	0	0–254 MI 255–255 MAX
27	Blue	0	
28	White	0	
29	Color Add RY	0	

TR16 (30 CH)

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	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	White	0	
13	White Fine	0	Fine byte of White
14	Color Add RY	0	
15	Color Add RY Fine	0	Fine byte of Color Add RY
16	Dimmer	0	0–254 Closed 255–255 Open
17	Dimmer Fine	0	Fine byte of Dimmer

TR16 (30 CH) (continued)

Ch	Function	Default	DMX values
18	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
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	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
21	C RIMode	0	
22	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
23	Red	255	
24	Green	255	
25	Blue	255	

TR16 (30 CH) (continued)

Ch	Function	Default	DMX values
26	Color Wheel	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet Blue 50–54 Light Blue 55–59 Wine Red 60–64 May Green 65–69 Reseda Green 70–74 Blue Lilac 75–79 Moss Green 80–84 Signal Violet 85–89 Red Lilac 90–94 Purple Red 95–99 Green Brown 100–104 Pale Green 105–109 Ruby Red 110–114 Flame Red 115–119 Red Orange 120–124 Rose 125–129 Honey Yellow 130–134 Light Pin 135–139 Deep Orange 140–144 Lemon 145–149 Golden Yellow 150–154 Pastel Orange 155–159 Cream 160–164 Melon Yellow 165–169 Luminous Orange 170–174 Luminous Yellow 175–179 Open 180–248 Stop 249–255 Open
27	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
28	Effect Speed	0	0–254 Slow 255–255 Fast

TR16 (30 CH) (continued)

Ch	Function	Default	DMX values
29	Dimmer	0	0–254 Closed 255–255 Open
30	Control1	0	0–10 No Function 11–20 P/T Black On 21–30 P/T Black Off 31–40 Pan Invert On 41–50 Tilt Invert On 51–60 P/T Invert Off 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 DIM0 101–110 DIM4 111–120 Linear 121–130 Square Law 131–140 Inv Square Law 141–150 S-Curve 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 XY Reset 221–230 Zoom Reset 231–255 Reserved