Prolights

Sunblast3000FC



Manufacturer	**Prolights**
Type	**Blinder**
DMX modes	**22**
DMX footprint	**4, 5, 8, 11, 13, 15, 18, 25, 27, 410 channels**
Beam angle	**120°**
Tilt range	**180°**
Heads / cells	**3**
Size (W × H × D)	**468 × 210 × 179 mm**
GDTF fixture type	**2DF26EE3-19E0-4167-9F02-240…**

Controls

Extra LED colours · RGB colour mixing · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

Basic_Pixel	4 ch
Basic_Static	4 ch
Basic_Strobe	4 ch
Basic_16_Strobe	5 ch
Basic_16_Pixel_16	8 ch
Basic_16_Static	8 ch
Basic_RGBW_Strobe	8 ch
PixelsPixels_12ch_SingleProtocol	8 ch
PixelsPixels_48ch_SingleProtocol	8 ch
Advanced_ 2_ArtNet+DMX	11 ch
Basic_16_RGBW_Strobe	13 ch
Advanced_ 2	15 ch
Advanced_1	15 ch
NADV1_16bit_ArtNet+DMX	18 ch
NADV2_16bit_ArtNet+DMX	18 ch
NADV3_16bit_ArtNet+DMX	18 ch
NADV1_16bit_DMX	25 ch
NADV2_16bit_DMX	25 ch
NADV3_16bit_DMX	25 ch
Advanced_ 3	27 ch
NADV4_16bit_ArtNet+DMX	27 ch
NADV4_16bit_DMX	410 ch

Basic_Pixel

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Basic_Static

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Basic_Strobe

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–5 BlackOut 6–254 Min 255–255 Max
2	Strobe Duration	0	0–254 Min Duration 255–255 Max Duration
3	Shutter / Strobe	0	0–10 Open 11–254 Slow Strobe 255–255 Fast Strobe
4	Effect	3	0–2 No Effect 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Random 172–214 Lighting 215–255 Pattern

Basic_16_Strobe

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–5 BlackOut 6–254 Min 255–255 Max
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Min Duration 255–255 Max Duration
4	Shutter / Strobe	0	0–10 Open 11–254 Slow Strobe 255–255 Fast Strobe
5	Effect	3	0–2 No Effect 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Random 172–214 Lighting 215–255 Pattern

Basic_16_Pixel_16

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White

Basic_16_Static

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White

Basic_RGBW_Strobe

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–5 BlackOut 6–254 Min 255–255 Max
6	Strobe Duration	0	0–254 Min Duration 255–255 Max Duration
7	Shutter / Strobe	0	0–10 Open 11–254 Slow Strobe 255–255 Fast Strobe
8	Effect	3	0–2 No Effect 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Random 172–214 Lighting 215–255 Pattern

PixelsPixels_12ch_SingleProtocol

8 channels

Ch	Function	Default	DMX values

PixelsPixels_12ch_SingleProtocol (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–5 Closed 6–254 Dim 255–255 Max
2	Strobe Duration	0	0–254 0ms 255–255 990ms
3	Strobe Rate	0	0–10 NoFlash 11–11 Slow Strobe 12–254 Strobe 255–255 FAst Strobe
4	Strobe Mode Shutter	4	0–2 NoEffect 3–5 Static 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up-Down 129–171 Random 172–214 Lightning 215–255 Spikes
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	

PixelsPixels_48ch_SingleProtocol

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–5 Closed 6–254 Dim 255–255 Max
2	Strobe Duration	0	0–254 0ms 255–255 990ms
3	Strobe Rate	0	0–10 NoFlash 11–11 Slow Strobe 12–254 Strobe 255–255 FAst Strobe
4	Strobe Mode Shutter	4	0–2 NoEffect 3–5 Static 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up-Down 129–171 Random 172–214 Lightning 215–255 Spikes
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	

Advanced_ 2_ArtNet+DMX

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Advanced_ 2_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
3	Dimmer	0	0–254 Closed 255–255 Open
4	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
10	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
11	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

Basic_16_RGBW_Strobe

13 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White
9	Dimmer	0	0–5 BlackOut 6–254 Min 255–255 Max
10	Dimmer Fine	0	Fine byte of Dimmer
11	Strobe Duration	0	0–254 Min Duration 255–255 Max Duration
12	Shutter / Strobe	0	0–10 Open 11–254 Slow Strobe 255–255 Fast Strobe
13	Effect	3	0–2 No Effect 3–5 Static 6–42 Pulse Open 43–85 Pulse Close 86–128 Pulse 129–171 Random 172–214 Lighting 215–255 Pattern

Advanced_ 2

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
3	Dimmer	0	0–254 Closed 255–255 Open
4	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	

Advanced_ 2 (continued)

Ch	Function	Default	DMX values
9	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
10	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
11	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	

Advanced_1

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	
7	Reserved 7	0	

Advanced_1 (continued)

Ch	Function	Default	DMX values
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
14	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
15	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

NADV1_16bit_ArtNet+DMX

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer

NADV1_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
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	255	
14	White Fine	255	Fine byte of White
15	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
16	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
17	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
18	D MXInput	0	0–127 ArtNet 128–255 KlingNet

NADV2_16bit_ArtNet+DMX

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer
6	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
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	255	
14	White Fine	255	Fine byte of White
15	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density

NADV2_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
16	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
17	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
18	D MXInput	0	0–127 ArtNet 128–255 KlingNet

NADV3_16bit_ArtNet+DMX

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer
6	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
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	255	
14	White Fine	255	Fine byte of White

NADV3_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
15	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
16	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
17	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
18	D MXInput	0	0–127 ArtNet 128–255 KlingNet

NADV1_16bit_DMX

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue

NADV1_16bit_DMX (continued)

Ch	Function	Default	DMX values
10	White	255	
11	White Fine	255	Fine byte of White
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
15	Red	255	
16	Red Fine	255	Fine byte of Red
17	Green	255	
18	Green Fine	255	Fine byte of Green
19	Blue	255	
20	Blue Fine	255	Fine byte of Blue
21	White	255	
22	White Fine	255	Fine byte of White
23	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
24	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
25	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

NADV2_16bit_DMX

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer
6	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
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	255	
14	White Fine	255	Fine byte of White
15	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density

NADV2_16bit_DMX (continued)

Ch	Function	Default	DMX values
16	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
17	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
18	Red	0	
19	Red Fine	0	Fine byte of Red
20	Green	0	
21	Green Fine	0	Fine byte of Green
22	Blue	0	
23	Blue Fine	0	Fine byte of Blue
24	White	0	
25	White Fine	0	Fine byte of White

NADV3_16bit_DMX

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer
6	Shutter / Strobe	0	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
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	255	
14	White Fine	255	Fine byte of White

NADV3_16bit_DMX (continued)

Ch	Function	Default	DMX values
15	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
16	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
17	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
18	Red	0	
19	Red Fine	0	Fine byte of Red
20	Green	0	
21	Green Fine	0	Fine byte of Green
22	Blue	0	
23	Blue Fine	0	Fine byte of Blue
24	White	0	
25	White Fine	0	Fine byte of White

Advanced_ 3

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
3	Red	255	

Advanced_ 3 (continued)

Ch	Function	Default	DMX values
4	Green	255	
5	Blue	255	
6	White	255	
7	Dimmer	0	0–254 Closed 255–255 Open
8	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	255	
13	Dimmer	0	0–254 Closed 255–255 Open
14	Shutter / Strobe	101	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	255	
19	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density

Advanced_ 3 (continued)

Ch	Function	Default	DMX values
20	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
21	Effects1Pos	0	0–200 Continuous start selection 201–255 Random distribution
22	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
23	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
24	Effects1Pos	0	0–200 Continuous start selection 201–255 Random distribution
25	Dummy	0	
26	Dummy	0	
27	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3

NADV4_16bit_ArtNet+DMX

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

NADV4_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Dimmer	0	0–253 Closed 254–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer
6	Shutter / Strobe	0	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
7	Red	255	
8	Green	255	
9	Blue	255	
10	White	255	
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer
13	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
14	Red	255	
15	Green	255	
16	Blue	255	
17	White	255	

NADV4_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
19	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
20	Effects1Pos	0	0–200 Continuous start selection 201–255 Random distribution
21	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density

NADV4_16bit_ArtNet+DMX (continued)

Ch	Function	Default	DMX values
22	Effect Speed	0	0–50 Static Indexing 51–143 SlowRate 144–254 MidRate 255–255 FastRate
23	Effects1Pos	0	0–200 Continuous start selection 201–255 Random distribution
24	Dummy	0	
25	Dummy	0	
26	Dimmer Mode	0	0–51 As From menu 52–101 OFF 102–152 Mode 1 153–203 Mode 2 204–255 Mode 3
27	D MXInput	0	0–127 ArtNet 128–255 KlingNet

NADV4_16bit_DMX

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Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	White	255	
11	White Fine	255	Fine byte of White
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Reserved 229	0	
230	Reserved 230	0	
231	Reserved 231	0	
232	Reserved 232	0	
233	Reserved 233	0	
234	Reserved 234	0	
235	Reserved 235	0	
236	Reserved 236	0	
237	Reserved 237	0	
238	Reserved 238	0	
239	Reserved 239	0	
240	Reserved 240	0	
241	Reserved 241	0	
242	Reserved 242	0	
243	Reserved 243	0	
244	Reserved 244	0	
245	Reserved 245	0	
246	Reserved 246	0	
247	Reserved 247	0	
248	Reserved 248	0	
249	Reserved 249	0	
250	Reserved 250	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
251	Reserved 251	0	
252	Reserved 252	0	
253	Reserved 253	0	
254	Reserved 254	0	
255	Reserved 255	0	
256	Reserved 256	0	
257	Reserved 257	0	
258	Reserved 258	0	
259	Reserved 259	0	
260	Reserved 260	0	
261	Reserved 261	0	
262	Reserved 262	0	
263	Reserved 263	0	
264	Reserved 264	0	
265	Reserved 265	0	
266	Reserved 266	0	
267	Reserved 267	0	
268	Reserved 268	0	
269	Reserved 269	0	
270	Reserved 270	0	
271	Reserved 271	0	
272	Reserved 272	0	
273	Reserved 273	0	
274	Reserved 274	0	
275	Reserved 275	0	
276	Reserved 276	0	
277	Reserved 277	0	
278	Reserved 278	0	
279	Reserved 279	0	
280	Reserved 280	0	
281	Reserved 281	0	
282	Reserved 282	0	
283	Reserved 283	0	
284	Reserved 284	0	
285	Reserved 285	0	
286	Reserved 286	0	
287	Reserved 287	0	
288	Reserved 288	0	
289	Reserved 289	0	
290	Reserved 290	0	
291	Reserved 291	0	
292	Reserved 292	0	
293	Reserved 293	0	
294	Reserved 294	0	
295	Reserved 295	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
296	Reserved 296	0	
297	Reserved 297	0	
298	Reserved 298	0	
299	Reserved 299	0	
300	Reserved 300	0	
301	Reserved 301	0	
302	Reserved 302	0	
303	Reserved 303	0	
304	Reserved 304	0	
305	Reserved 305	0	
306	Reserved 306	0	
307	Reserved 307	0	
308	Reserved 308	0	
309	Reserved 309	0	
310	Reserved 310	0	
311	Reserved 311	0	
312	Reserved 312	0	
313	Reserved 313	0	
314	Reserved 314	0	
315	Reserved 315	0	
316	Reserved 316	0	
317	Reserved 317	0	
318	Reserved 318	0	
319	Reserved 319	0	
320	Reserved 320	0	
321	Reserved 321	0	
322	Reserved 322	0	
323	Reserved 323	0	
324	Reserved 324	0	
325	Reserved 325	0	
326	Reserved 326	0	
327	Reserved 327	0	
328	Reserved 328	0	
329	Reserved 329	0	
330	Reserved 330	0	
331	Reserved 331	0	
332	Reserved 332	0	
333	Reserved 333	0	
334	Reserved 334	0	
335	Reserved 335	0	
336	Reserved 336	0	
337	Reserved 337	0	
338	Reserved 338	0	
339	Reserved 339	0	
340	Reserved 340	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
341	Reserved 341	0	
342	Reserved 342	0	
343	Reserved 343	0	
344	Reserved 344	0	
345	Reserved 345	0	
346	Reserved 346	0	
347	Reserved 347	0	
348	Reserved 348	0	
349	Reserved 349	0	
350	Reserved 350	0	
351	Reserved 351	0	
352	Reserved 352	0	
353	Reserved 353	0	
354	Reserved 354	0	
355	Reserved 355	0	
356	Reserved 356	0	
357	Reserved 357	0	
358	Reserved 358	0	
359	Reserved 359	0	
360	Reserved 360	0	
361	Reserved 361	0	
362	Reserved 362	0	
363	Reserved 363	0	
364	Reserved 364	0	
365	Reserved 365	0	
366	Reserved 366	0	
367	Reserved 367	0	
368	Reserved 368	0	
369	Reserved 369	0	
370	Reserved 370	0	
371	Reserved 371	0	
372	Reserved 372	0	
373	Reserved 373	0	
374	Reserved 374	0	
375	Reserved 375	0	
376	Reserved 376	0	
377	Reserved 377	0	
378	Reserved 378	0	
379	Reserved 379	0	
380	Reserved 380	0	
381	Reserved 381	0	
382	Reserved 382	0	
383	Reserved 383	0	
384	Reserved 384	0	
385	Reserved 385	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
386	Reserved 386	0	
387	Reserved 387	0	
388	Dimmer	0	
389	Dimmer Fine	0	Fine byte of Dimmer
390	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
391	Red	255	
392	Green	255	
393	Blue	255	
394	White	255	
395	Dimmer	0	
396	Dimmer Fine	0	Fine byte of Dimmer
397	Shutter / Strobe	201	0–30 Closed 31–99 SlowStrobe 100–100 FastStrobe 101–130 Open 131–199 Random Strobe Slow 200–200 Random Strobe Fast 201–255 Open
398	Red	255	
399	Green	255	
400	Blue	255	
401	White	255	
402	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
403	Effect Speed	0	
404	Effects1Pos	0	

NADV4_16bit_DMX (continued)

Ch	Function	Default	DMX values
405	Effect	0	0–10 NoFunction 11–15 Vertical Line <- 16–20 Vertical Line -> 21–25 Vertical Line <--> Bounce 26–30 Horizontal line UP to DN 31–35 Horizontal line DN to UP 36–40 Horizontal lines bounce 41–45 Horizontal > - < 46–50 Horizontal < - > 51–55 Block < - 56–60 Block - > 61–65 Lonely random pixel 66–70 Halves vertical 71–75 Halves horizontal 76–80 Quaters clockwise 81–85 Pixel clockwise 86–90 Pixel counterclockwise 91–95 Block > - < 96–100 Block < - > 101–105 Waves 106–110 Duck race 111–115 Stripes 116–120 Fan 121–125 All in sequence 126–205 Reserved 206–255 RandomPixel Density
406	Effect Speed	0	
407	Effects1Pos	0	
408	Dummy	0	
409	Dummy	0	
410	Dimmer Mode	0	