Varytec

# Colors NerveStrobe HP



| | |
|---|---|
| Manufacturer | **Varytec** |
| Type | **Strobe** |
| DMX modes | **6** |
| DMX footprint | **3, 6, 12, 16, 56, 68 channels** |
| Beam angle | **25-120°** |
| Heads / cells | **12** |
| Size (W × H × D) | **446 × 100 × 248 mm** |
| GDTF fixture type | **3E44D929-B1E4-4194-8CF2-BA…** |

## Controls

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

## Safety-relevant functions

Built-in effect programmes

## DMX modes

| | |
|---|---|
| 3 Chanel | 3 ch |
| 6 Chanel | 6 ch |
| 12 Channel | 12 ch |
| 16 Channel | 16 ch |
| 56 Channel | 56 ch |
| 68 Channel | 68 ch |

## 3 Chanel

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| 3 | Color Macro1 | 0 | 0–5 Blackout<br>6–13 Red<br>14–21 Orange<br>22–29 Warm Yellow<br>30–37 Yellow<br>38–45 Green<br>46–53 Turquoise<br>54–61 Cyan<br>62–69 Blue<br>70–77 Lavendel<br>78–85 Mauve<br>86–93 Magenta<br>94–101 Pink<br>102–109 Warm White<br>110–117 White<br>118–125 Cold White<br>126–127 Color Change<br>128–192 Color Change 1 to 12<br>193–255 Color Fade 1 to 12 |

## 6 Chanel

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| 3 | Dimmer | 0 | |

### 6 Chanel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | Color Macro1 | 0 | 0–5 Blackout<br>6–13 Red<br>14–21 Orange<br>22–29 Warm Yellow<br>30–37 Yellow<br>38–45 Green<br>46–53 Turquoise<br>54–61 Cyan<br>62–69 Blue<br>70–77 Lavendel<br>78–85 Mauve<br>86–93 Magenta<br>94–101 Pink<br>102–109 Warm White<br>110–117 White<br>118–125 Cold White<br>126–127 Color Change<br>128–192 Color Change 1 to 12<br>193–255 Color Fade 1 to 12 |
| **5** | Effect | 0 | 0–10 Open<br>11–25 Pattern 1<br>26–40 Pattern 2<br>41–55 Pattern 3<br>56–70 Pattern 4<br>71–85 Pattern 5<br>86–100 Pattern 6<br>101–115 Pattern 7<br>116–130 Pattern 8<br>131–145 Pattern 9<br>146–160 Pattern 10<br>161–175 Pattern 11<br>176–190 Pattern 12<br>191–205 Pattern 13<br>206–220 Pattern 14<br>221–235 Pattern 15<br>236–250 Pattern 16<br>251–255 Open |
| **6** | Effect Speed | 0 | |

## 12 Channel

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **3** | Strobe Rate | 0 | |
| **4** | Dimmer | 0 | |

### 12 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **6** | Red | 0 | |
| **7** | Green | 0 | |
| **8** | Blue | 0 | |
| **9** | White | 0 | |
| **10** | Color Macro1 | 0 | 0–5 Blackout<br>6–13 Red<br>14–21 Orange<br>22–29 Warm Yellow<br>30–37 Yellow<br>38–45 Green<br>46–53 Turquoise<br>54–61 Cyan<br>62–69 Blue<br>70–77 Lavendel<br>78–85 Mauve<br>86–93 Magenta<br>94–101 Pink<br>102–109 Warm White<br>110–117 White<br>118–125 Cold White<br>126–127 Color Change<br>128–192 Color Change 1 to 12<br>193–255 Color Fade 1 to 12 |
| **11** | Effect | 0 | 0–10 Open<br>11–25 Pattern 1<br>26–40 Pattern 2<br>41–55 Pattern 3<br>56–70 Pattern 4<br>71–85 Pattern 5<br>86–100 Pattern 6<br>101–115 Pattern 7<br>116–130 Pattern 8<br>131–145 Pattern 9<br>146–160 Pattern 10<br>161–175 Pattern 11<br>176–190 Pattern 12<br>191–205 Pattern 13<br>206–220 Pattern 14<br>221–235 Pattern 15<br>236–250 Pattern 16<br>251–255 Open |
| **12** | Effect Speed | 0 | |

## 16 Channel

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |

## 16 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **2** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **3** | Strobe Rate | 0 | |
| **4** | Dimmer | 0 | |
| **5** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **6** | Red | 0 | |
| **7** | Green | 0 | |
| **8** | Blue | 0 | |
| **9** | White | 0 | |
| **10** | Red | 0 | |
| **11** | Green | 0 | |
| **12** | Blue | 0 | |
| **13** | White | 0 | |
| **14** | Color Macro1 | 0 | 0–5 Blackout<br>6–13 Red<br>14–21 Orange<br>22–29 Warm Yellow<br>30–37 Yellow<br>38–45 Green<br>46–53 Turquoise<br>54–61 Cyan<br>62–69 Blue<br>70–77 Lavendel<br>78–85 Mauve<br>86–93 Magenta<br>94–101 Pink<br>102–109 Warm White<br>110–117 White<br>118–125 Cold White<br>126–127 Color Change<br>128–192 Color Change 1 to 12<br>193–255 Color Fade 1 to 12 |

### 16 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Effect | 0 | 0–10 Open<br>11–25 Pattern 1<br>26–40 Pattern 2<br>41–55 Pattern 3<br>56–70 Pattern 4<br>71–85 Pattern 5<br>86–100 Pattern 6<br>101–115 Pattern 7<br>116–130 Pattern 8<br>131–145 Pattern 9<br>146–160 Pattern 10<br>161–175 Pattern 11<br>176–190 Pattern 12<br>191–205 Pattern 13<br>206–220 Pattern 14<br>221–235 Pattern 15<br>236–250 Pattern 16<br>251–255 Open |
| **16** | Effect Speed | 0 | |

## 56 Channel

56 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **3** | Strobe Rate | 0 | |
| **4** | Dimmer | 0 | |
| **5** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |

## 56 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Color Macro1 | 0 | 0–5 Blackout<br>6–13 Red<br>14–21 Orange<br>22–29 Warm Yellow<br>30–37 Yellow<br>38–45 Green<br>46–53 Turquoise<br>54–61 Cyan<br>62–69 Blue<br>70–77 Lavendel<br>78–85 Mauve<br>86–93 Magenta<br>94–101 Pink<br>102–109 Warm White<br>110–117 White<br>118–125 Cold White<br>126–127 Color Change<br>128–192 Color Change 1 to 12<br>193–255 Color Fade 1 to 12 |
| **7** | Effect | 0 | 0–10 Open<br>11–25 Pattern 1<br>26–40 Pattern 2<br>41–55 Pattern 3<br>56–70 Pattern 4<br>71–85 Pattern 5<br>86–100 Pattern 6<br>101–115 Pattern 7<br>116–130 Pattern 8<br>131–145 Pattern 9<br>146–160 Pattern 10<br>161–175 Pattern 11<br>176–190 Pattern 12<br>191–205 Pattern 13<br>206–220 Pattern 14<br>221–235 Pattern 15<br>236–250 Pattern 16<br>251–255 Open |
| **8** | Effect Speed | 0 | |
| **9** | Red | 0 | |
| **10** | Green | 0 | |
| **11** | Blue | 0 | |
| **12** | White | 0 | |
| **13** | Red | 0 | |
| **14** | Green | 0 | |
| **15** | Blue | 0 | |
| **16** | White | 0 | |
| **17** | Red | 0 | |
| **18** | Green | 0 | |
| **19** | Blue | 0 | |
| **20** | White | 0 | |
| **21** | Red | 0 | |
| **22** | Green | 0 | |
| **23** | Blue | 0 | |
| **24** | White | 0 | |
| **25** | Red | 0 | |

### 56 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **26** | Green | 0 | |
| **27** | Blue | 0 | |
| **28** | White | 0 | |
| **29** | Red | 0 | |
| **30** | Green | 0 | |
| **31** | Blue | 0 | |
| **32** | White | 0 | |
| **33** | Red | 0 | |
| **34** | Green | 0 | |
| **35** | Blue | 0 | |
| **36** | White | 0 | |
| **37** | Red | 0 | |
| **38** | Green | 0 | |
| **39** | Blue | 0 | |
| **40** | White | 0 | |
| **41** | Red | 0 | |
| **42** | Green | 0 | |
| **43** | Blue | 0 | |
| **44** | White | 0 | |
| **45** | Red | 0 | |
| **46** | Green | 0 | |
| **47** | Blue | 0 | |
| **48** | White | 0 | |
| **49** | Red | 0 | |
| **50** | Green | 0 | |
| **51** | Blue | 0 | |
| **52** | White | 0 | |
| **53** | Red | 0 | |
| **54** | Green | 0 | |
| **55** | Blue | 0 | |
| **56** | White | 0 | |

## 68 Channel

68 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **2** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **3** | Strobe Rate | 0 | |
| **4** | Dimmer | 0 | |

## 68 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | Shutter / Strobe | 0 | 0–5 Open<br>6–10 Blackout<br>11–33 Impulse<br>34–56 Random Opening Strobe<br>57–79 Random Closing Strobe<br>80–102 Random<br>103–127 Burst strobe<br>128–250 Strobe<br>251–255 Open 2 |
| **6** | Color Macro1 | 0 | |
| **7** | Effect | 0 | 0–10 Open<br>11–25 Pattern 1<br>26–40 Pattern 2<br>41–55 Pattern 3<br>56–70 Pattern 4<br>71–85 Pattern 5<br>86–100 Pattern 6<br>101–115 Pattern 7<br>116–130 Pattern 8<br>131–145 Pattern 9<br>146–160 Pattern 10<br>161–175 Pattern 11<br>176–190 Pattern 12<br>191–205 Pattern 13<br>206–220 Pattern 14<br>221–235 Pattern 15<br>236–250 Pattern 16<br>251–255 Open |
| **8** | Effect Speed | 0 | |
| **9** | Dimmer | 0 | |
| **10** | Red | 0 | |
| **11** | Green | 0 | |
| **12** | Blue | 0 | |
| **13** | White | 0 | |
| **14** | Dimmer | 0 | |
| **15** | Red | 0 | |
| **16** | Green | 0 | |
| **17** | Blue | 0 | |
| **18** | White | 0 | |
| **19** | Dimmer | 0 | |
| **20** | Red | 0 | |
| **21** | Green | 0 | |
| **22** | Blue | 0 | |
| **23** | White | 0 | |
| **24** | Dimmer | 0 | |
| **25** | Red | 0 | |
| **26** | Green | 0 | |
| **27** | Blue | 0 | |
| **28** | White | 0 | |
| **29** | Dimmer | 0 | |
| **30** | Red | 0 | |
| **31** | Green | 0 | |

## 68 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **32** | Blue | 0 | |
| **33** | White | 0 | |
| **34** | Dimmer | 0 | |
| **35** | Red | 0 | |
| **36** | Green | 0 | |
| **37** | Blue | 0 | |
| **38** | White | 0 | |
| **39** | Dimmer | 0 | |
| **40** | Red | 0 | |
| **41** | Green | 0 | |
| **42** | Blue | 0 | |
| **43** | White | 0 | |
| **44** | Dimmer | 0 | |
| **45** | Red | 0 | |
| **46** | Green | 0 | |
| **47** | Blue | 0 | |
| **48** | White | 0 | |
| **49** | Dimmer | 0 | |
| **50** | Red | 0 | |
| **51** | Green | 0 | |
| **52** | Blue | 0 | |
| **53** | White | 0 | |
| **54** | Dimmer | 0 | |
| **55** | Red | 0 | |
| **56** | Green | 0 | |
| **57** | Blue | 0 | |
| **58** | White | 0 | |
| **59** | Dimmer | 0 | |
| **60** | Red | 0 | |
| **61** | Green | 0 | |
| **62** | Blue | 0 | |
| **63** | White | 0 | |
| **64** | Dimmer | 0 | |
| **65** | Red | 0 | |
| **66** | Green | 0 | |
| **67** | Blue | 0 | |
| **68** | White | 0 | |