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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FREE ION CHANNELS31 - 32, 77-79, 88 - 89, 98-99, 145+ (except 285, 303, 321, 339, 357 & 375) FREE DMX ADDRESSES**Universe 1** 31-32, 77-79, 116-119, 144-149, 238-239, 393-512 **Universe 2** 2/51- 2/512**Artnet Node** (universes 1 & 2 as above, 3 through 8 empty) IP:  |

|  |
| --- |
| **Ion Remote settings** |
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Using house light controller (Small white box, rear of stalls, to the right of house Lx desk).

When switched off via the power switch on the rear of the unit, DMX is passed straight through. Powering off instantly passes control to the bypass socket BUT

When Powered up the unit activates an internal relay to switch the DMX to its control, there is a momentary pause whilst the electronics initialise which results in a dip of light intensity (if the houselights are up when the unit is powered up **the house will go dark for approx 1-2 seconds**, if the houselights are dark when the unit is powered up the house will stay dark).

Colour Program

Rotary dial changes colour changing program

1 – Classic colour changing

2 – Static state based on number 1

3 – Reds & Greens (Christmas State)

4 – ‘Soft’ colour change

5 – ‘CMY’ colour change

6 – Static ALL ‘Warm White’

7 – Static ALL ‘Cool White’ (the brightest state, RGB at 100%, **use for Working state**)

LED HOUSE LIGHTS – RGB - **UNIVERSE 2**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **50** | Filaments – dimmer | *100* | *2/50* |
| **1-3** | Main Dome  | *101* | *2/1-3* |
| **7-9** | Mini dome and laylights | *102* | *2/7-9* |
| **13-15** | Rear circle steps | *103* | *2/13-15* |
| **31-33** | Proscenium Outer | *104* | *2/31-33* |
| **28-30** | Proscenium Inner | *105* | *2/28-30* |
| **46-48** | Footlights | *106* | *2/46-48* |
| **34-36** | Pit Rail Towers | *107* | *2/34-36* |
| **37-39** | Pit Rail Tops | *108* | *2/37-39* |
| **40-42** | Pit Rail Spindles | *109* | *2/40-42* |
| **10-12** | Front Wall Alcoves | *110* | *2/10-12* |
| **43-45** | Stained Glass Windows | *111* | *2/43-45* |
| **19-21** | Organ Grilles | *112* | *2/19-21* |
| **25-27** | Nymphs | *113* | *2/25-27* |
| **16-18** | Roof Grilles | *114* | *2/16-18* |
| **22-24** | Rear Wall Alcoves | *115* | *2/22-24* |

STAGE LIGHTING DIMMERS – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **1** | Dimmer - boom house left (S4 19) | *1* | *1/1* |
| **2** | Dimmer - boom house left (S4 19) | *2* | *1/2* |
| **3** | Dimmer - boom house left (S4 19) | *3* | *1/3* |
| **4** | Dimmer - boom house left (S4 19) | *4* | *1/4* |
| **5** | Dimmer - boom house left (S4 19) | *5* | *1/5* |
| **6** | Dimmer - boom house left (S4 19) | *6* | *1/6* |
| **7** | Dimmer – circle front (Fresnel) | *7* | *1/7* |
| **8** | Dimmer – circle front (Fresnel) | *8* | *1/8* |
| **9** | Dimmer – circle front (S4 15-30 zoom) | *9* | *1/9* |
| **10** | Dimmer – circle front (S4 15-30 zoom) | *10* | *1/10* |
| **11** | Dimmer – circle front (S4 15-30 zoom) | *11* | *1/11* |
| **12** | Dimmer – circle front (S4 15-30 zoom) | *12* | *1/12* |
| **13** | Dimmer – circle front (S4 15-30 zoom) | *13* | *1/13* |
| **14** | Dimmer – circle front (S4 15-30 zoom) | *14* | *1/14* |
| **15** | Dimmer – circle front (piano light) | *15* | *1/15* |
| **16** | Dimmer – circle front (organ light) | *16* | *1/16* |
| **17** | Dimmer – circle front (S4 15-30 zoom) | *17* | *1/17* |
| **18** | Dimmer – circle front (S4 15-30 zoom) | *18* | *1/18* |
| **19** | Dimmer – circle front (S4 15-30 zoom) | *19* | *1/19* |
| **20** | Dimmer – circle front (S4 15-30 zoom) | *20* | *1/20* |
| **21** | Dimmer – circle front (S4 15-30 zoom) | *21* | *1/21* |
| **22** | Dimmer – circle front (S4 15-30 zoom) | *22* | *1/22* |
| **23** | Dimmer – circle front (Fresnel) | *23* | *1/23* |
| **24** | Dimmer – circle front (Fresnel) | *24* | *1/24* |
| **25** | Dimmer - boom house right (S4 19) | *25* | *1/25* |
| **26** | Dimmer - boom house right (S4 19) | *26* | *1/26* |
| **27** | Dimmer - boom house right (S4 19) | *27* | *1/27* |
| **28** | Dimmer - boom house right (S4 19) | *28* | *1/28* |
| **29** | Dimmer - boom house right (S4 19) | *29* | *1/29* |
| **30** | Dimmer - boom house right (S4 19) | *30* | *1/30* |
| **33** | Dimmer – stage level DS L&R pair (free) | *33* | *1/33* |
| **34** | Dimmer – stage level DS L&R pair (free) | *34* | *1/34* |
| **35** | Dimmer – stage level DS L&R pair (free) | *35* | *1/35* |
| **36** | Dimmer – stage level DS L&R pair (free) | *36* | *1/36* |
| **37** | Dimmer – LX1 pipe ends pair (free) | *37* | *1/37* |
| **38** | Dimmer – LX1 pipe ends pair (free) | *38* | *1/38* |
| **39** | Dimmer – LX1 pipe ends pair (free) | *39* | *1/39* |
| **40** | Dimmer – LX1 pipe ends pair (free) | *40* | *1/40* |
| **41** | Dimmer – LX1 SR of centre (743) | *41* | *1/41* |
| **42** | Dimmer – LX1 SR of centre (743) | *42* | *1/42* |
| **43** | Dimmer – LX1 SR of centre (743) | *43* | *1/43* |
| **44** | Dimmer – LX1 SR of centre (743) | *44* | *1/44* |
| **45** | Dimmer – LX1 SL of centre (743) | *45* | *1/45* |
| **46** | Dimmer – LX1 SL of centre (743) | *46* | *1/46* |
| **47** | Dimmer – LX1 SL of centre (743) | *47* | *1/47* |
| **48** | Dimmer – LX1 SL of centre (743) | *48* | *1/48* |
| **49** | Dimmer – LX2 pipe ends pair (free) | *49* | *1/49* |
| **50** | Dimmer – LX2 pipe ends pair (free) | *50* | *1/50* |
| **51** | Dimmer – LX2 pipe ends pair (free) | *51* | *1/51* |
| **52** | Dimmer – LX2 pipe ends pair (free) | *52* | *1/52* |
| **53** | Dimmer – LX2 SR of centre (743) | *53* | *1/53* |
| **54** | Dimmer – LX2 SR of centre (743) | *54* | *1/54* |
| **55** | Dimmer – LX2 SR of centre (743) | *55* | *1/55* |
| **56** | Dimmer – LX2 SR of centre (743) | *56* | *1/56* |
| **57** | Dimmer – LX2 SL of centre (743) | *57* | *1/57* |
| **58** | Dimmer – LX2 SL of centre (743) | *58* | *1/58* |
| **59** | Dimmer – LX2 SL of centre (743) | *59* | *1/59* |
| **60** | Dimmer – LX2 SL of centre (743) | *60* | *1/60* |
| **61** | Dimmer – LX3 pipe ends pair (generic pars) | *61* | *1/61* |
| **62** | Dimmer – LX3 pipe ends pair (generic pars) | *62* | *1/62* |
| **63** | Dimmer – LX3 SR of centre (generic par) | *63* | *1/63* |
| **64** | Dimmer – LX3 SR of centre (generic par) | *64* | *1/64* |
| **65** | Dimmer – LX3 SR of centre (generic par) | *65* | *1/65* |
| **66** | Dimmer – LX3 SL of centre (generic par) | *66* | *1/66* |
| **67** | Dimmer – LX3 SL of centre (generic par) | *67* | *1/67* |
| **68** | Dimmer – LX3 SL of centre (generic par) | *68* | *1/68* |
| **69** | Dimmer – stage level US L&R pair (free) | *69* | *1/69* |
| **70** | Dimmer – stage level US L&R pair (free) | *70* | *1/70* |
| **71** | Dimmer – stage level US L&R pair (free) | *71* | *1/71* |
| **72** | Dimmer – stage level US L&R pair (free) | *72* | *1/72* |

HAZE/SMOKE – **UNIVERSE 1**

|  |  |  |  |
| --- | --- | --- | --- |
| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| **73-74** | G300 Hazer | *73* | *1/73-74* |
| **75** | G150 Smoke Machine 1 | *75* | *1/75* |
| **76** | G150 Smoke Machine 2 | *76* | *1/76* |

STAGE LIGHTING LED BACKLIGHT PARS – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **80** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *80* | *1/80* |
| **85** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *81* | *1/85* |
| **90** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *82* | *1/90* |
| **95** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *83* | *1/95* |
| **100** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *84* | *1/100* |
| **105** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *85* | *1/105* |
| **110** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *86* | *1/110* |
| **115** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *87* | *1/115* |

STAGE LIGHTING LED FLOODS – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **120** | STAIRVILLE PRO LED FLOOD RGB | *90* | *1/120* |
| **123** | STAIRVILLE PRO LED FLOOD RGB | *91* | *1/123* |
| **126** | STAIRVILLE PRO LED FLOOD RGB | *92* | *1/126* |
| **129** | STAIRVILLE PRO LED FLOOD RGB | *93* | *1/129* |
| **132** | STAIRVILLE PRO LED FLOOD RGB | *94* | *1/132* |
| **135** | STAIRVILLE PRO LED FLOOD RGB | *95* | *1/135* |
| **138** | STAIRVILLE PRO LED FLOOD RGB | *96* | *1/138* |
| **141** | STAIRVILLE PRO LED FLOOD RGB (spare) | *97* | *1/141* |

STAGE LIGHTING LED CROSSLIGHT PARS – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **150** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX2) | *120* | *1/150* |
| **154** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX2) | *121* | *1/154* |
| **158** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX2) | *122* | *1/158* |
| **162** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX2) | *123* | *1/162* |
| **166** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX2) | *124* | *1/166* |
| **170** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX2) | *125* | *1/170* |
| **174** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX2) | *126* | *1/174* |
| **178** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX2) | *127* | *1/178* |
| **182** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX1) | *128* | *1/182* |
| **186** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX1) | *129* | *1/186* |
| **190** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX1) | *130* | *1/190* |
| **194** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SR LX1) | *131* | *1/194* |
| **198** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX1) | *132* | *1/198* |
| **202** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX1) | *133* | *1/202* |
| **206** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX1) | *134* | *1/206* |
| **210** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW (SL LX1) | *135* | *1/210* |

Side lighting – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **240** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *150* | *1/240* |
| **245** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *151* | *1/245* |
| **250** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *152* | *1/250* |
| **255** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *153* | *1/255* |

Moving Lights – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **285** | Varytec Hero Spot 230 [18 channel mode] | *285* | *1/285* |
| **303** | Varytec Hero Spot 230 [18 channel mode] | *303* | *1/303* |
| **321** | Varytec Hero Spot 230 [18 channel mode] | *321* | *1/321* |
| **339** | Varytec Hero Spot 230 [18 channel mode] | *339* | *1/339* |
| **357** | Varytec Hero Spot 230 [18 channel mode] | *357* | *1/357* |
| **375** | Varytec Hero Spot 230 [18 channel mode] | *375* | *1/375* |

Starcloth *(when hired)* – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **280** | STARCLOTH  | *140* | *1/280* |
| **281** | STARCLOTH  | *141* | *1/281* |
| **282** | STARCLOTH | *142* | *1/282* |
| **283** | STARCLOTH | *143* | *1/283* |
| **284** | STARCLOTH (CONTROL CHANNEL) | *144* | *1/284* |

OTHER FIXTURES (LOOSE SPARES) – **UNIVERSE 1**

| **DMX Address** | **FIXTURE** | *ION CHANNEL* | *(Offset) DMX Address* |
| --- | --- | --- | --- |
| **214** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *136* | *1/214* |
| **218** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *137* | *1/218* |
| **222** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *138* | *1/222* |
| **226** | STAIRVILLE OUTDOOR PAR PRO 12X8 RGBW | *139* | *1/226* |
| **230** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *130* | *1/230* |
| **234** | STAIRVILLE RETRO FLAT PAR 18X12 RGBW | *131* | *1/234* |