# **CHANNEL FUNCTION**

# **ALPHA PROFILE 700 & "ST"**



	CHANNEL MODE					
CHANNEL	STANDARD	VECTOR				
1	CYAN	CYAN				
2	MAGENTA	MAGENTA				
3	YELLOW	YELLOW				
4	С.Т.О	С.Т.О				
5	COLOUR WHEEL	COLOUR WHEEL				
6	MACRO COLOURS	MACRO COLOURS				
7	STOP/STROBE	STOP/STROBE				
8	DIMMER	DIMMER				
9	DIMMER FINE	DIMMER FINE				
10	IRIS	IRIS				
11	ROTATING GOBO CHANGE	ROTATING GOBO CHANGE				
12	GOBO ROTATION	GOBO ROTATION				
13	GOBO FINE	GOBO FINE				
14	PRISM	PRISM				
15	FROST	FROST				
16	BLADE UP1	BLADE UP1				
17	BLADE UP2	BLADE UP2				
18	BLADE DW1	BLADE DW1				
19	BLADE DW2	BLADE DW2				
20	BLADE RG1	BLADE RG1				
21	BLADE RG2	BLADE RG2				
22	BLADE LF1	BLADE LF1				
23	BLADE LF2	BLADE LF2				
24	FRAMING ROTATION	FRAMING ROTATION				
25	FOCUS	FOCUS				
26	FOCUS FINE	FOCUS FINE				
27	ZOOM	ZOOM				
28	AUTOFOCUS DISTANCE	AUTOFOCUS DISTANCE				
29	AUTOFOCUS ADJUSTMENT	AUTOFOCUS ADJUSTMENT				
30	MACRO EFFECTS	MACRO EFFECTS				
31	PAN	PAN				
32	PAN FINE	PAN FINE				
33	TILT	TILT				
34	TILT FINE	TILT FINE				
35	FUNCTION	FUNCTION				
36	RESET	RESET				
37	LAMP CONTROL (with Option "Lamp DMX" ON)	LAMP CONTROL (with Option "Lamp DMX" ON)				
38	, , , , , , , , , , , , , , , , , , , ,	PAN-TILT TIME				
39		COLOUR TIME				
40		BEAM TIME				
41		GOBO TIME				

NB: To prevent accidental breakage of the effects, which could collide with each other during transport, before switching the projector OFF check that all the projector Channels have been excluded (DMX level = 0 bit).

### • COLOUR MIXING - channel 1 - 2 - 3

Operation with option color mixing: RGB



BIT	EFFECT
255	COLOUR EXCLUDED
0	COLOUR INSERTED

**IMPORTANT:** The lamp dim to half power 1 second after all the 3 channels stay at 0 bit level. The lamp goes back to full power when the channels level is put higher than 0 bit.

Operation with option color mixing: CMY



BIT	EFFECT
255	COLOUR INSERTED
0	COLOUR EXCLUDED

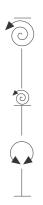
**IMPORTANT:** The lamp dim to half power 1 second after all the 3 channels stay at 255 bit level. The lamp goes back to full power when the channels level is put lower than 255 bit.

# • C.T.O. - channel 4



BIT	EFFECT
255	FILTER INSERTED
0	FILTER EXCLUDED

# • COLOUR WHEEL - channel 5



255	FAST ROTATION (160 rpm)
128 127 120 112 105 97 90 82 75 60 52 45 37 30 22 15 8	SLOW ROTATION (0.2 rpm) BLUE - WHITE BLUE ORANGE + BLUE ORANGE + BUE ORANGE + AQUAMARINE + ORANGE AQUAMARINE + ORANGE AQUAMARINE + LAVENDER + AQUAMARINE LAVENDER + AQUAMARINE LAVENDER + AQUAMARINE LAVENDER + AQUAMARINE LO

EFFECT

BIT

### • MACRO COLOURS - channel 6

Unused Range   148-255   -   -   -   -   -   -   -   -   -	COLOR NAME	BIT	ROSCO CODE	LEE	CYAN BIT	MAGENTA BIT	YELLOW BIT	CTO BIT	WHEEL BIT
Lighten blue   144-145   353   353   226   0   149   138   0   0   0   149   138   0   0   0   0   0   0   0   0   0	•		-	-	-	-	-	ļ <u>-</u>	-
Selection   Sele									
Fueshis   Mailard gener   138-139   325   325   255   0	•								
Mallard green         138-137         325         325         255         0         0         266         58           Jact Or Congne         134-135         225         285         0         56         127         70           3/4 CTO Inage         134-135         225         285         0         56         127         57           3/4 CTO Inage         134-135         225         285         0         56         127         54         0           4/4 CTO         132-133         281         286         60         171         68         75         39           Minus green         128-122         205         205         25         28         45         131         10           1/2 CTO         121-125         207         204         0         44         9         10         0           1/2 CTB         118-119         202         202         285         71         44         88         0           1/2 CTB         118-119         107         177         236         51         0         0         0           Alcor Congne         119-11         180         180         190         170         1									
Jade									
34 CT Orange         194-13         285         285         0         98         61         217         0           Half minus green         130-131         248         248         60         19         86         75         39           Minus green         128-129         247         247         60         71         86         75         39           Minus green         128-127         204         204         60         71         86         75         39           Half CTO         124-128         205         206         206         266         27         11         133         122         0         14         70         10<	-								
SECTION   12-43   281   281   85   79   79   77   78   75   75   39									
Half minus green   190-19   248   248   800   199   868   75   39									
Menus green         124-29         247         267         690         71         88         75         33           1/4 CTO         126-127         206         206         25         26         45         131         0           Ful CT Orange         124-125         205         206         25         26         45         131         0           Ful CTS         118-119         202         203         203         75         54         91         190         0           Ful CTB         118-119         202         202         85         71         84         89         0         0           Cango Blue         112-113         181         181         181         251         241         0         255         0           Cango Blue         112-113         181         181         251         241         0         255         0         0           Cango Blue         112-113         181         181         181         0         182         255         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0									
I/ACTO	•								
Full CT Orange   122-123   204   204   0   444   58   234   0   0   14   14   16   0   0   0   14   14   16   0   0   0   0   14   15   16   0   0   0   0   14   15   16   0   0   0   0   14   15   15   15   15   16   0   0   0   0   14   15   15   15   16   15   17   18   4   88   0   0   0   0   14   15   15   17   17   201   201   294   79   80   0   0   0   0   0   14   15   15   17   15   17   10   0   255   0   0   0   0   0   0   0   0   0	•	126-127	206	206	62	71	123	122	0
1/4 CTB         120-121         203         203         75         54         91         109         0           1/2 CTB         118-119         202         202         85         71         84         89         0           Call CTB         118-117         201         201         94         79         80         0         0           Alloe Blue         114-115         187         197         206         51         0         255         0           Congo Blue         112-111         180         180         195         170         0         160         0           Chrome Corange         106-107         172         172         20         98         255         255         0           Lagon Blue         106-101         170         170         0         182         255         255         0           Deep Lavender         104-105         170         170         100         129         77         120         0         255         227         255         0           Desight Blue         80-90         164         164         0         255         227         255         0         7	1/2 CTO	124-125	205	205	25	26	45	131	0
1/2 CTB	Full CT Orange	122-123	204	204	0	44	58	234	0
Full CTBu	1/4 CTB	120-121	203	203	75	54	91	109	0
Albe Blue   114-115   197   197   236   51   241   0   255   0   10   100	1/2 CTB	118-119	202	202	85	71	84	89	0
Congo Blue         112-113         181         181         251         241         0         255         0           Dark Lawender         101-111         180         180         195         170         0         98         255         255         0           Lagson blue         106-107         172         172         122         224         0         121         40         79           Lagson blue         106-105         170         170         100         129         77         120         0           Lika Inth         102-103         169         169         41         59         39         120         0           Bastard amber         96-99         162         162         0         255         20         199         0           Deep Orange         94-96         158         158         158         0         148         255         255         0         0           Pale orse         99-91         154         154         0         48         0         189         0         0         255         0         255         0         255         0         0         255         0         255         0 <td>Full CTB</td> <td>116-117</td> <td>201</td> <td>201</td> <td>94</td> <td>79</td> <td>80</td> <td>0</td> <td>0</td>	Full CTB	116-117	201	201	94	79	80	0	0
Dark Lævender         110-111         180         180         180         195         170         0         400         0	Alice Blue	114-115	197	197	236	51	0	205	0
Chrome Orange   108-109   179   179   179   0   98   255   255   0   1   1   1   1   2   1   2   2   2   4   0   121   4   4   79   70   1   2   2   2   4   0   121   4   4   79   70   1   2   1   2   2   2   4   0   121   4   4   79   70   1   2   1   2   2   2   1   2   2   2	Congo Blue		181	181	251	241	0	255	
Lagoon blue   106-107   172   172   224   0   121   40   79   Deep Lawndor   104-105   170   170   100   129   77   120   0   Daylight Blue   100-101   165   165   210   73   105   88   0   Daylight Blue   100-101   165   165   210   73   105   88   0   Daylight Blue   100-101   165   165   210   73   105   88   0   Daylight Blue   96-97   162   162   0   26   0   199   0   Deep Orange   94-95   158   158   0   148   255   255   0   Deep Orange   94-95   157   157   0   159   0   255   0   Pale rose   90-91   154   154   0   48   0   189   0   Pale Gold   88-89   152   152   0   60   98   138   0   Bright rose   86-87   148   148   0   255   0   255   0   Bright Blue   82-83   141   141   182   0   99   92   77   Pale green   78-79   121   121   0   0   255   0   Deep Jorange   78-79   121   121   0   0   255   0   Deep golden amber   70-71   135   136   73   102   44   120   0   Deep golden amber   68-89   134   134   134   144   122   234   110   0   Deep golden amber   58-89   122   122   173   0   125   152   0   177   Dark blue   68-67   131   131   60   0   106   73   77   Dark blue   68-67   121   121   126   0   0   255   0   77   Dark blue   68-67   132   132   255   152   27   0   0   Deep Bulle   54-55   120   120   255   0   177   0   0   Deep Bulle   54-55   120   120   255   0   177   0   0   Deep Bulle   68-67   131   131   60   0   106   73   77   Dark blue   68-67   121   121   136   0   241   44   10   0   0   0   0   0   Deep Bulle   54-55   120   120   255   0   177   0   0   0   0   0   0   0   0   0	Dark Lavender								
Deep Lavender   104-105	•								
Lifea tint   102-103   169   169   41   59   39   120   0     Daylight Blue   100-101   165   165   210   73   105   88   0     Plame red   98-99   162   164   164   0   255   227   255   97     Bastard amber   96-97   162   162   0   26   0   199   0     Deep Orange   94-95   158   158   158   0   148   255   255   0     Pale rose   90-91   154   157   0   159   0   255   0     Pale rose   90-91   154   154   0   48   0   189   0     Pale Gold   88-89   152   152   0   60   98   138   0     Pale Gold   88-89   152   152   0   60   98   138   0     Apricot   84-85   147   147   0   81   55   255   0     Bright Blue   82-83   141   141   182   0   99   92   77     Primary green   80-91   139   139   0   0   0   0   231   58     Light green   76-79   121   121   0   0   255   0   0   0     Pale Lavender   72-73   136   136   73   102   44   120   0     Deep golden amber   68-89   134   134   0   142   234   110   0   0     Golden amber   68-80   134   134   0   142   234   110   0   0     Golden amber   68-69   134   134   0   142   234   110   0   0     Golden amber   68-89   122   122   173   0   235   89   0     Bright plue   64-65   131   131   60   0   106   73   77     Fale green   58-59   122   122   173   0   235   89   0     Laef green   58-59   122   122   173   0   235   89   0     Laef green   58-59   122   122   173   0   235   89   0     Laef green   58-59   129   120   255   229   58   128   77     Pank   62-83   138   138   0   0   157   91   77     Pank   52-83   119   119   255   161   0   0   0   0   0     Or Type polish amber   68-90   122   122   122   173   0   235   89   0     Laef green   58-59   122   122   173   0   235   89   0     Laef green   58-59   122   122   123   136   0   145   138   0     Golden amber   68-90   134   131   131   60   0   106   73   77     Farm Green   58-59   122   122   123   136   0   145   138   0     Green   58-59   129   136   136   0   145   138   0     Green   58-59   129   136   136   0   145   138   0     Green   58-59   129   136   0   145   138   0	•								
Daylight Blue   100-101   165									
Flame red									
Bastard amber   96-97   162   162   0   26   0   199   0     Deep Orange   94-96   158   158   158   0   148   255   255   0     Pale rose   90-91   154   154   0   48   0   189   0     Pale Gold   88-89   152   152   0   60   98   138   0     Bright rose   86-87   148   148   0   255   0   255   0     Bright rose   86-87   148   148   0   255   0   255   0     Bright Blue   82-83   141   141   182   0   99   92   77     Primary green   80-81   139   139   0   0   0   0   231   58     Bright Blue   78-79   121   121   0   0   255   0   0   0     Pale Groen   76-77   138   138   105   0   179   100   0   0     Special Lavender   74-75   137   137   97   105   72   90   0   0     Pale Lavender   74-75   137   135   136   73   102   44   120   0     Deep golden amber   66-67   132   132   255   152   127   0   77     Medium blue   66-667   132   132   255   0   255   0   197   0     Medium blue   66-67   132   132   255   152   127   0   77     Bright pink   62-63   128   128   0   255   0   197   0     Mauve   56-57   121   121   136   0   255   0   197   0     Maudum   56-57   121   121   136   0   255   89   0     Leaf green   56-57   121   121   136   0   241   64   0     Deep Blue   54-55   100   120   255   259   58   128   77     Light blue   68-91   118   118   245   0   145   138   0     Steel blue   44-45   115   115   136   0   128   91   77     Pale cock blue   44-45   115   115   136   0   128   91   77     Paccock blue   44-45   115   115   136   0   128   91   77     Park grink   42-43   111   111   0   139   0   220   0     Light Salmon   40-41   109   109   50   121   58   230   0     Deep Blue   54-55   100   100   80   0   225   147   0     Primary red   34-37   107   107   0   95   0   220   0     Primary red   34-35   106   108   0   62   0   241   104   0     Dark pink   42-43   111   111   0   139   0   220   0     Deep Blue   44-45   115   115   136   0   121   58   230   0     Deep Blue   44-45   117   117   167   0   95   0   220   0     Primary red   34-37   106   106   106   0   0   0									
Deep Orange									
Pink         92-93         157         157         0         159         0         255         0           Pale rose         99-91         154         154         0         48         0         189         0           Pale Gold         88-89         152         152         0         60         98         138         0           Bright Bose         86-87         148         148         0         255         0         255         0           Apricot         84-85         147         147         0         81         55         255         0           Primary green         88-81         139         139         0         0         0         231         58           Light green         78-79         121         121         0         0         255         0         777           Pale green         76-77         138         138         105         0         179         100         0           Special Lavender         74-75         137         137         97         105         72         90         0           Pale Lavender         72-73         136         136         73         102 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Pale rose         90-91         154         154         0         48         0         189         0           Pale Gold         88-89         152         152         0         60         98         138         0           Bright rose         86-87         148         148         0         255         0         255         0           Arpicot         84-85         147         147         0         81         55         255         0           Bright Blue         82-83         141         141         182         0         99         92         77           Primary green         30-81         139         139         0         0         0         231         58           Light green         76-77         138         138         105         0         179         100         0           Special Lavender         74-75         137         137         97         105         72         90         0         0           Special Lavender         72-73         136         136         73         102         44         120         0           Deep golden amber         66-67         132         132									
Pale Gold									
Bright rose         86-87         148         148         0         255         0         255         0           Apricot         84-85         147         147         0         811         55         255         0           Bright Blue         82-83         1411         141         182         0         99         92         77           Primary green         80-81         139         139         0         0         0         231         58           Light green         78-79         121         121         0         0         255         0         77           Pale green         76-77         133         138         105         0         179         100         0           Special Lavender         72-73         136         136         73         102         44         120         0           Pale Lavender         72-73         136         136         73         102         44         120         0           Golden amber         68-69         134         134         0         142         234         110         0           Medium blue         64-65         131         131         60									
Apricot         84-85         147         147         0         81 styl Blue         55         255         0           Bright Blue         82-83         141         141         100         0         255         0         777         Pale green         76-777         138         138         105         0         179         100         255         0<									
Bright Blue   82-83	•								
Primary green									
Light green   78-79   121   121   0   0   255   0   77   Pale green   76-77   138   138   106   0   179   100   0   Special Lavender   74-75   137   137   97   105   72   90   0   Deep golden amber   70-71   135   136   0   255   255   255   0   Golden amber   68-69   134   134   0   142   234   110   0   Medium blue   66-67   132   132   255   152   127   0   77   Marine blue   64-65   131   131   60   0   106   73   77   Bright prink   62-63   128   128   0   255   0   197   0   Mauve   60-61   126   126   0   255   0   255   74   Fem Green   58-59   122   122   173   0   235   89   0   Leaf green   56-57   121   121   136   0   241   64   0   Deep Blue   54-55   120   120   255   229   58   128   77   Dark blue   50-51   118   118   245   0   145   138   0   Steel blue   48-49   117   117   167   0   141   165   0   Medium blue green   46-47   116   116   139   0   128   91   77   Dark prink   42-43   111   111   0   139   0   220   0   Light Salmon   40-41   109   109   50   121   58   230   0   English rose   38-37   107   107   0   95   0   220   0   Primary red   34-35   106   182   0   0   0   171   173   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   104   104   0   26   199   223   0   Deep amber   30-31   303   58   17   304   304   304   304   Deep amber   30-31   303   58   17   304   3	-								
Pale green         76-77         138         138         105         0         179         100         0           Special Lavender         74-75         137         137         97         105         72         90         0           Pale Lavender         72-73         136         136         73         102         44         120         0           Deep golden amber         68-69         134         134         0         142         234         110         0           Medium blue         66-67         132         132         255         152         127         0         77           Marine blue         64-65         131         131         60         0         106         73         77           Bright pink         62-63         128         128         0         255         0         197         0           Mauve         60-61         126         126         0         255         0         255         74           Bright pink         65-57         121         121         121         136         0         241         64         0           Leaf green         56-57         121         121			121	121	0	0	255	0	77
Pale Lavender   72-73		76-77	138	138	105	0	179	100	0
Deep golden amber   70-71   135   135   0   255   255   255   0   0   0   0   0   0   0   0   0	Special Lavender	74-75	137	137	97	105	72	90	0
Golden amber         68-69         134         134         0         142         234         110         0           Medium blue         66-67         132         132         255         152         127         0         77           Marine blue         64-65         131         131         60         0         106         73         77           Bright pink         62-63         128         128         0         255         0         197         0           Mauve         60-61         126         126         0         255         0         197         0           Leaf green         56-57         121         121         136         0         241         64         0           Deep Blue         54-55         120         120         255         229         58         128         77           Dark blue         52-53         119         119         255         161         0         0         77           Light blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167 <t< td=""><td>Pale Lavender</td><td>72-73</td><td>136</td><td>136</td><td>73</td><td>102</td><td>44</td><td>120</td><td>0</td></t<>	Pale Lavender	72-73	136	136	73	102	44	120	0
Medium blue         66-67         132         132         255         152         127         0         77           Marine blue         64-65         131         131         60         0         106         73         77           Bright pink         62-63         128         128         0         255         0         197         0           Mauve         60-61         126         126         0         255         0         255         74           Fem Green         58-59         122         122         173         0         235         89         0           Leaf green         56-57         121         121         136         0         241         64         0           Deep Blue         54-55         120         120         255         229         58         128         77           Dark blue         52-53         119         119         255         161         0         0         77           Light blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167         0	Deep golden amber	70-71	135	135	0	255	255	255	0
Marine blue         64-65         131         131         60         0         106         73         77           Bright pink         62-63         128         128         0         255         0         197         0           Mauve         60-61         126         126         0         255         0         255         74           Fem Green         58-59         122         122         173         0         235         89         0           Leaf green         56-57         121         121         136         0         241         64         0           Deep Blue         54-55         120         120         255         229         58         128         77           Dark blue         55-53         119         119         255         161         0         0         77           Light blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167         0         141         165         0           Medium blue green         46-47         116         116         189	Golden amber	68-69	134	134	0	142	234	110	0
Bright pink         62-63         128         128         0         255         0         197         0           Mauve         60-61         126         126         0         255         0         255         74           Fern Green         58-59         122         122         173         0         235         89         0           Leaf green         56-57         121         121         136         0         241         64         0           Deep Blue         54-55         120         120         255         229         58         128         77           Dark blue         52-53         119         119         255         161         0         0         77           Uight blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167         0         141         165         0           Medium blue green         46-47         116         116         189         0         157         91         77           Peacock blue         44-45         115         115         136	Medium blue	66-67	132	132	255	152	127	0	77
Mauve         60-61         126         126         0         255         0         255         74           Fern Green         58-59         122         122         173         0         235         89         0           Leaf green         56-57         121         121         136         0         241         64         0           Deep Blue         54-55         120         120         255         229         58         128         77           Dark blue         52-53         119         119         255         161         0         0         77           Light blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167         0         141         165         0           Medium blue green         46-47         116         116         189         0         157         91         77           Peacock blue         44-45         115         115         136         0         128         91         77           Dark pink         42-43         111         111         0	Marine blue	64-65	131	131	60	0	106	73	
Fem Green	Bright pink	62-63			0		0		
Leaf green									
Deep Blue									
Dark blue	-								-
Light blue         50-51         118         118         245         0         145         138         0           Steel blue         48-49         117         117         167         0         141         165         0           Medium blue green         46-47         116         116         189         0         157         91         77           Peacock blue         44-45         115         115         136         0         128         91         77           Dark pink         42-43         111         111         0         139         0         220         0           Light Salmon         40-41         109         109         50         121         58         230         0           Light rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         0         220         0           Orange         32-33         105         1									
Steel blue									
Medium blue green         46-47         116         116         189         0         157         91         77           Peacock blue         44-45         115         115         136         0         128         91         77           Dark pink         42-43         1111         1111         0         139         0         220         0           Light Salmon         40-41         109         109         50         121         58         230         0           English rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17	•					1			
Peacock blue         44-45         115         115         136         0         128         91         77           Dark pink         42-43         1111         1111         0         139         0         220         0           Light Salmon         40-41         109         109         50         121         58         230         0           English rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0							l		
Dark pink         42-43         111         111         0         139         0         220         0           Light Salmon         40-41         109         109         50         121         58         230         0           English rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         22-23         1001         101         0         0 <td< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td>l</td><td></td><td></td></td<>	-						l		
Light Salmon         40-41         109         109         50         121         58         230         0           English rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Spring yellow         22-23         100         100         80         0         225         149         0           Spring yellow         22-23         100         100         80         0									
English rose         38-39         108         108         0         62         0         247         0           Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         24-25         101         101         0         0         255         149         0           Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0									
Light rose         36-37         107         107         0         95         0         220         0           Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         24-25         101         101         0         0         255         149         0           Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0	-								
Primary red         34-35         106         182         0         0         0         0         20           Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         24-25         101         101         0         0         255         149         0           Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         149         0           Dark Yellow Green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77 <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	•								
Orange         32-33         105         105         0         182         255         76         0           Deep amber         30-31         104         104         0         26         199         223         0           Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         24-25         101         101         0         0         255         149         0           Dark Yellow Green         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255 <td>-</td> <td></td> <td></td> <td></td> <td>l</td> <td></td> <td></td> <td></td> <td></td>	-				l				
Deep amber   30-31   104   104   0   26   199   223   0				105	0		255	76	0
Straw         28-29         103         103         58         17         104         176         0           Light amber         26-27         102         102         0         0         171         193         0           Yellow         24-25         101         101         0         0         255         149         0           Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186	-								
Yellow         24-25         101         101         0         0         255         149         0           Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255		28-29	103	103	58	17	104	176	0
Spring yellow         22-23         100         100         80         0         227         157         0           Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0	Light amber	26-27	102	102	0	0	171	193	0
Dark Yellow Green         20-21         90         90         255         0         255         204         0           Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Random Macro Color (only for Macro effects)         1         -         -         - <td>Yellow</td> <td>24-25</td> <td>101</td> <td>101</td> <td>0</td> <td>0</td> <td>255</td> <td>149</td> <td>0</td>	Yellow	24-25	101	101	0	0	255	149	0
Lime green         18-19         88         88         118         0         241         124         0           Just Blue         16-17         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Random Macro Color (only for Macro effects)         1         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Spring yellow	22-23	100	100	80	0	227	157	0
Just Blue         16-17         79         79         79         255         77         0         204         0           Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         - </td <td>Dark Yellow Green</td> <td>20-21</td> <td>90</td> <td>90</td> <td>255</td> <td>0</td> <td>255</td> <td>204</td> <td>0</td>	Dark Yellow Green	20-21	90	90	255	0	255	204	0
Tokyo Blue         14-15         71         71         255         255         0         180         77           Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -	Lime green	18-19	88	88	118	0	241	124	0
Sky blue         12-13         068         068         245         77         64         173         0           Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -		16-17	79	79	255	77	0	204	0
Pale blue         10-11         063         063         122         0         112         127         0           Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -	Tokyo Blue	14-15	71	71	255	255	0	180	77
Lavender         8-9         058         058         165         186         77         0         0           Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -         <	Sky blue	12-13	068	068	245	77	l	173	0
Bright Red         6-7         026         026         0         255         0         255         21           Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -	Pale blue	10-11	063	063	122	0	l	127	0
Med Yellow         4-5         010         010         48         0         239         115         0           Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         -         <					l	1			
Med bastard amber         2-3         004         004         0         62         78         159         0           Random Macro Color (only for Macro effects)         1         - <t< td=""><td>-</td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td></t<>	-								
Random Macro Color (only for Macro effects)									
(only for Macro effects)		2-3	004	004	0	62	78	159	0
(only for Macro effects)		1	_	-	-	_	_	-	_
THE PROPERTY OF THE PARTY OF TH	(only for Macro effects) Unused Range	0		_	_	_	_	_	_

# • STOP / STROBE - channel 7



BIT	EFFECT
252 - 255 239 - 251 226 - 238 213 - 225 208 - 212 207	OPEN RANDOM FAST STROBE RANDOM MEDIUM STROBE BANDOM SLOW STROBE OPEN FAST PULSATION
108 104 - 107 103	SLOW PULSATION OPEN FAST STROBE (12 flash/sec)
4 0-3	SLOW STROBE (1 flash/sec) CLOSED

**IMPORTANT:** The lamp dim to half power 1 second after the channel stay at 0 bit level. The lamp goes back to full power when the channel level is put higher than 0 bit.

#### • DIMMER - channel 8



BIT	EFFECT
255	DIMMER OPEN
0	DIMMER CLOSED

The lamp is linearly dimmed from full power to half power electronicaly and mechanically from half power to off.

# • DIMMER FINE - channel 9



BIT	EFFECT
255	
0	

# • IRIS - channel 10



BIT	EFFECT
252 - 255 251	MAXIMUM APERTURE FAST PULSATION, FAST CLOSING
212 211	SLOW PULSATION, FAST CLOSING FAST PULSATION, FAST OPENING
172 171	SLOW PULSATION, FAST OPENING FAST PULSATION
132 128 - 131	SLOW PULSATION MAXIMUM APERTURE
0	MINIMUM APERTURE

#### • ROTATING GOBO CHANGE - channel 11



BIT	EFFECT
255	GOBO 7 SHAKE, FAST SPEED
238 237	GOBO 7 SHAKE, SLOW SPEED GOBO 6 SHAKE, FAST SPEED
220 219	GOBO 6 SHAKE, SLOW SPEED GOBO 5 SHAKE, FAST SPEED
202 201	GOBO 5 SHAKE, SLOW SPEED GOBO 4 SHAKE, FAST SPEED
184 183	GOBO 4 SHAKE, SLOW SPEED GOBO 3 SHAKE, FAST SPEED
166 165	GOBO 3 SHAKE, SLOW SPEED GOBO 2 SHAKE, FAST SPEED
148 147	GOBO 2 SHAKE, SLOW SPEED GOBO 1 SHAKE, FAST SPEED
130	GOBO 1 SHAKE, SLOW SPEED
114-129	GOBO 7
98-113	GOBO 6
82-97	GOBO 5
65-81	GOBO 4
49-64	GOBO 3
33-48	GOBO 2
17-32	GOBO 1
0-16	WHITE

# • GOBO ROTATION - channel 12







BIT	EFFECT
255	FAST ROTATION (180 rpm)
193	SLOW ROTATION (2,2 rph)
191 - 192	STOP
190	SLOW ROTATION (2,2 rph)
128	FAST ROTATION (180 rpm)
127	540° POSITION
105	450° POSITION
84	360° POSITION
63	270° POSITION
42	180° POSITION
21	90° POSITION
0	0° POSITION

# • GOBO FINE - channel 13



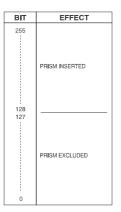








### • PRISM - channel 14



# • BLADE DW 1 - channel: 18







BIT	EFFECT
255	BLADE IN
- 1	
127	
1	
0	BLADE OUT

#### • FROST - channel 15



BIT	
	EFFECT
255	FROST INSERTED
1	
1	
1	
1	
1	
1	
1	
	l
	l
	l
۱ ،	FROST EXCLUDED

• BLADE DW 2 - channel: 19





BIT	EFFECT
255 127	BLADE IN
1	DI ADE OUT
0	BLADE OUT

# • BLADE UP 1 - channel: 16







BIT	EFFECT
255	BLADE IN
127	
0	BLADE OUT

# • BLADE RG 1 - channel: 20







BIT	EFFECT
255	BLADE IN
127	BLADE OUT

# • BLADE UP 2 - channel: 17







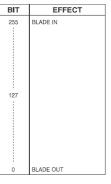
BIT	EFFECT
255	BLADE IN
1	
127	
0	BLADE OUT

# • BLADE RG 2 - channel: 21









# • BLADE LF 1 - channel: 22





ВІТ	EFFECT
255	BLADE IN
127	
127	
	BLADE OUT
0	BLADE OUT

#### • BLADE LF 2 - channel: 23







BIT	EFFECT
255	BLADE IN
127	
0	BLADE OUT

Important:
The lamp automatically dim to half power in any condition in which the blades completely shut the light beam.

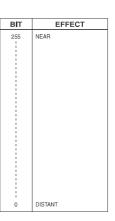
# • FOCUS - channel 25



BIT	EFFECT
255	NEAR
	DISTANT
	DISTANT

#### • FOCUS FINE - channel 26





# • ZOOM - channel: 27



BIT	EFFECT
255	NARROW BEAM
0	WIDE BEAM





# • AUTOFOCUS DISTANCE - channel 28

# **AUTOFOCUS** priority:

- 1 Blades
- 2 Rotating Gobo
- 3 Iris

BIT	EFFECT
255	100 METRES
26	10 METRES
23	9 METRES
20	8 METRES
18	7 METRES
15	6 METRES
13	5 METRES
10	4 METRES
7	3 METRES
0-6	AUTOFOCUS OFF

# • FRAMING ROTATION - channel: 24













BIT

### • AUTOFOCUS ADJUSTMENT - channel 29



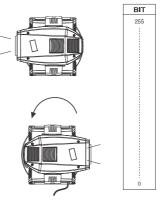
BIT	EFFECT
255	FOCUS FINE
128	
0	FOCUS FINE

#### • MACRO EFFECTS - channel 30

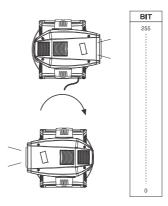
BIT	EFFECT
232-255	STAND BY BLACK
220-231	RANDOM MACRO 8
208-219	RANDOM MACRO 7
196-207	RANDOM MACRO 6
184-195	RANDOM MACRO 5
172-183	RANDOM MACRO 4
160-171	RANDOM MACRO 3
148-159	RANDOM MACRO 2
136-147	RANDOM MACRO 1
112-135	STAND BY BLACK
100-111	MACRO 8
88-99	MACRO 7
76-87	MACRO 6
64-75	MACRO 5
52-63	MACRO 4
40-51	MACRO 3
28-39	MACRO 2
16-27	MACRO 1
12-15	STAND BY BLACK
8-11	STAND BY
0-7	MACRO OFF

#### • PAN - channel 31

Operation with option InvertPan  $\,\,^{\diamondsuit}$  Off (Tilt conventionally represented at 35 bit and option Invert Tilt  $\,\,^{\diamondsuit}$  Off)

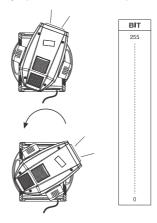


Operation with option InvertPan  $\, \hat{\circ} \,$  On (Tilt conventionally represented at 35 bit and option Invert Tilt  $\, \hat{\circ} \,$  Off)

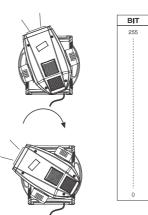


### • PAN FINE - channel 32

Operation with option InvertPan  $\,\,\hat{\circ}\,$  Off (Tilt conventionally represented at 35 bit and option Invert Tilt  $\,\,\hat{\circ}\,$  Off)

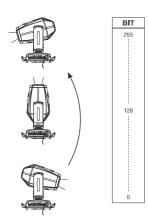


Operation with option InvertPan  $\,\hat{\circ}\,$  On (Tilt conventionally represented at 35 bit and option Invert Tilt  $\,\hat{\circ}\,$  Off)

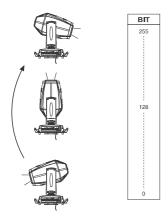


#### • TILT - channel 33

Operation with option Invert Tilt  $\,\hat{\circ}\,$  Off (Pan conventionally represented at 0 bit and option Invert Pan  $\,\hat{\circ}\,$  Off)

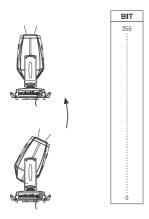


Operation with option Invert Tilt  $\,\,\hat{}\,\,$  On (Pan conventionally represented at 0 bit and option Invert Pan  $\,\,\hat{}\,\,$  Off)

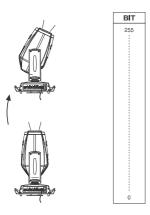


### • TILT FINE - channel 34

Operation with option Invert Tilt  $\,\,\hat{}\,\,$  Off (Pan conventionally represented at 0 bit and option Invert Pan  $\,\,\hat{}\,\,$  Off)



Operation with option Invert Tilt  $\, \hat{\circ} \,$  On (Pan conventionally represented at 0 bit and option Invert Pan  $\, \hat{\circ} \,$  Off)



#### • FUNCTION - channel: 35

BIT	EFFECT
255	UNUSED RANGE
51-62	LINEAR (Default)DIMMER CURVE
38-50	CONVENTIONAL —————FUNCTION
0-37	UNUSED RANGE

The functions are actived passing through unused range and staying 5 seconds in necessary level.

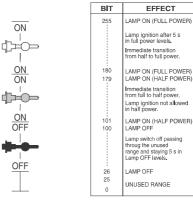
#### • RESET - channel: 36

BIT	EFFECT
255	COMPLETE RESET
	Complete reset is activated passing throug the unused range and staying 5 seconds in complete reset levels.
128 127	COMPLETE RESET PAN / TILT RESET
	Pan / Tilt reset is activated passing throug the unused range and staying 5 seconds in Pan / Tilt reset levels.
77 76	PAN / TILT RESET EFFECTS RESET
	Effects reset is activated passing throug the unused range and staying 5 seconds in Effects reset levels.
26 25	EFFECTS RESET
0	UNUSED RANGE

The functions are actived passing through unused range and staying 5 seconds in necessary level.

# • LAMP CONTROL (only with option LAMP DMX On) - channel: 37

IMPORTANT: Alpha Profile 700 is not provided with hot restrike igniter



The functions are actived passing through unused range and staying 5 seconds in necessary level.

# **TIMING CHANNELS**

	Timing Channel	Channel function
38	Pan - Tilt time	Pan – Tilt – Pan Fine – Tilt Fine
39	Colour time	Cyan - Magenta - Yellow - C.T.O Color wheel
40	40 Beam time Dimmer – Zoom – Focus – Frost - Prism – Iris	
41	Gobo time	Rotating Gobo change - Framing - Framing rotation

# **TIME TABLE**

BIT	Seconds
0	Full
1	0.2
2	0.4
3	0.6
4	0.8
5	1
6	1.2
7	1.4
8	1.6
9	1.8
10	2
11	2.2
12	2.4
13	2.6
14	2.8
15	3
16	3.2
17	3.4
18	3.6
19	3.8
20	4
	4.2
21	4.2
22	
23	4.6
24	4.8
25	5
26	5.2
27	5.4
_28	5.6
_29_	5.8
30	6
31	6.2
32	6.4
_33_	6.6
_34	6.8
_35	7
36	7.2
_37	7.4
_38	7.6
_39	7.8
_40	8
41	8.2
42	8.4

BIT	Seconds
43	8.6
44	8.8
45	9
46	9.2
47	9.4
48	9.6
49	9.8
50	10
51	10.2
52	10.4
53	10.6
54	
55	11
56	
57	12
58	
59	13
60	
61	14
62	
63	
64	15
65	
66	16
67	
68	
69	17
70	
71	18
72	
73	4.5
74	19
75	
76	20
77	
78	
79	21
80	
81	00
82	22
83	
1	

84

85

23

BIT	Seconds
86	24
_87	
_88_	
_89_	25
_90_	
_91_	26
_92_	
_93_	
_94_	27
_95	
96	28
97	
_98_	_
_99_	29
100	
101	
102	30
103	
104	31
105	
106	
107	32
108	
109	33
110	
111	
112	34
113	
114	35
115	
116	
117	36
118	
119	37
120	
121	
122	38
123	
124	
125	39
126	
127	40
128	+υ

BIT	Seconds
129	
130	41
131	
132	40
133	42
134	
135	43
136	
137	
138	44
139	
140	45
141	
142	
143	46
144	
145	47
146	
147	48
148	70
149	
150	49
151	
152	
153	50
154	
_155_	51
156	31
<u>157</u>	
158	52
159	
160	53
161	
162	
<u>163</u>	54
164	
165	55
166	
167	
168	56
169	
170	57
171	

BIT	Seconds
172	
173	58
174	
175	
176	59
	39
177	
178	60
179	
180	
181	65
182	
183	70
184	70
185	
186	75
187	
188	
189	80
190	
191	85
l ———	65
192	
193	90
194	
195	
196	95
197	
198	100
199	100
200	
201	110
202	
203	
204	120
205	0
206	
207	130
208	140
209	140
210	
211	150
212	
213	
214	160
215	

BIT	Seconds
216	170
217	170
218	
219	180
220	
221	100
222	190
223	
224	200
225	
226	
227	210
228	
229	000
230	220
231	
232	230
233	
234	040
235	240
236	
237	250
238	
239	000
240	260
241	
242	270
243	
244	000
245	280
246	
247	290
248	
249	200
250	300
251	
252	0.10
253	310
254	
	Follow cue
255	Data