| INPUT<br>Number | PRESS AND HOLD WHAT | PRESS<br>WHERE           | RESULT  | NOTE  |  |
|-----------------|---------------------|--------------------------|---|---|--|
|                 | SET-UP              | CH/ID                    | CHANGE SET TIME FROM RPN TO @ MODE AND SET STEP LEVEL NORMALLY 70%  | IS 1 @ 45 FOR EXAMPLE   |  |
|                 | SET-UP              | TIME                     | CHANGE TIME SETTING FROM A to B   |   |  |
|                 | SET-UP              | BROWSER                  | TO SET UP THE DOCKED AREAS, MOVING LIGHT, INDEPENDENT, MASTER AND BROWSER   |   |  |
|                 | TAB                 | $\rightarrow$            | TO THE CURRENTLY FOCUSED TAB TO THE NEXT MONITOR  |   |  |
|                 |                     | $\downarrow$             | TO SPLIT THE CURRENTLY FOCUSED TAB TO THE SIDE OF ANOTHER SCREEN  | PRESS AGAIN TO LAY ACROSS BOTTOM.                                     |  |
|                 |                     | <b>↑</b>                 | TO RETURN CURRENTLY FOCUSED TAB BACK TO FULL SCREEN   |   |  |
|                 |                     |                          |   |   |  |
|                 |                     | RECORDING                |   |   |  |
|                 |                     | RECORD                   | RECORDS THE LIVE OUTPUT OF THE DESK   |   |  |
| Х               | RECORD<br>RECORD    | A<br>A                   | New Preset Recorded excluding all masters with next available number<br>New Preset Recorded excluding all masters with specified number                   |   |  |
| Х               | RECORD<br>RECORD    | Attrib<br>Attrib         | Record ALL Attributes of selected channels to current Preset Record ALL Attributes of selected channels to specified Preset                               |   |  |
| Х               | CH/ID<br>CH/ID      | RECORD<br>RECORD         | Records the selected channels only to a new preset. Records the selected channels only to a specified preset.   | Used to add a channel to an existing preset as well.                  |  |
| Х               | RECORD<br>RECORD    | GROUP<br>GROUP           | New Group created from selected channels with next available number.  New Group created from selected channels with specified number.                     |   |  |
| Х               | RECORD<br>RECORD    | FOCUS<br>FOCUS           | New Focus Palette created from selected channels with next available number.<br>New Focus Palette created from selected channels with specified number.   |   |  |
| Х               | RECORD<br>RECORD    | COLOUR<br>COLOUR         | New Colour Palette created from selected channels with next available number.<br>New Colour Palette created from selected channels with specified number. |   |  |
| Х               | RECORD<br>RECORD    | BEAM<br>BEAM             | New Beam palette created from selected channels with next available number.<br>New Beam Palette created from selected channels with specified number.     |   |  |
| Х               | RECORD<br>RECORD    | PALETTE<br>PALETTE       | New All Palette created from selected channels with next available number.<br>New All Palette created from selected channels with specified number.       |   |  |
| Х               | RECORD<br>RECORD    | Assign Key<br>Assign Key | New Preset created from selected channels with next available number above 801 New Preset created from selected channels with specified number.           | If any channels are selected If any channels are selected             |  |
| Х               | RECORD<br>RECORD    | Assign Key<br>Assign Key | New Preset created from A output with next available number above 801 New Preset created from A output with specified number.                             | If <b>NO</b> channels are selected If <b>NO</b> channels are selected |  |

| INPUT  | PRESS AND HOLD | PRESS |        |      |
|--------|----------------|-------|--------|------|
| Number | WHAT           | WHERE | RESULT | NOTE |

|   |        | SETTING TIMES |  |  |
|---|--------|---------------|--|--|
|   | TIME   | Α             | CHANGE TIME SETTING FROM TO A  |  |
|   | TIME   | В             | CHANGE TIME SETTING FROM TO B  |  |
| Х | MODIFY | TIME          | OPENS TIME EDITOR FOR SPECIFIED STEP                                       |  |
| Х | PRESET | ATTRIB        | OPENS BLIND ATTRIBUTE EDITOR FOR SPECIFIED PRESET                          | USE FORMAT AND $\downarrow\downarrow$ TO SHOW TIME AND DELAY |
| Х | TIME   | FOCUS         | sets a Time to the Focus (beam movement) category                          |  |
| X | DELAY  | FOCUS         | sets a Delay to the Focus (beam movement) category                         |  |
| Х | TIME   | COLOUR        | Sets a Time to the Colour category   |  |
| X | DELAY  | COLOUR        | Sets a Delay to the Colour category  |  |
| X | TIME   | BEAM          | Sets a Time to the Beam category   |  |
| Х | DELAY  | BEAM          | Sets a Delay to the Beam category  |  |
| X | TIME   |               | SETS IN AND OUT TIME THE SAME  |  |
| Х | IN     |               | SETS THE IN TIME FOR THE CUE   |  |
| Х | OUT    |               | SETS THE OUT TIME FOR THE CUE  |  |
| Х | IN     | DELAY         | SETS THE IN DELAY FOR CUE  |  |
| X | OUT    | DELAY         | SETS THE OUT DELAY FOR A CUE   |  |
| Х | CH/ID  | TIME          | sets a discrete Time to the selected channels                              |  |
| Х | CH/ID  | TIME          | sets a discrete Delay to the selected channels                             |  |
| Х | MODIFY | PLAYBACK      | OPENS CURRENTLY LOADED SEQUENCE IN THE A/B PLAYBACK AT THE SPECIFIED PRESI | ET   |
| Х | C/ALT  | MODIFY        | TO ALTERNATE BETWEEN PERCENTAGE TIME AND ABSOLUTE TIME.                    |  |

Number RESULT NOTE

|   |        | OPENING EDITOR | R PAGES   | PRESS ESC TO CLOSE A PAGE                                |
|---|--------|----------------|---|--|
| Х | MODIFY | PLAYBACK       | OPENS SEQUENCE IN A/B PLAYBACK AT SPECIFIED PRESET                        | THEN USE NUMBER - TIME etc,etc.                          |
|   | MODIFY | CHANNEL        | OPENS CHANNEL LIST  |  |
|   | MODIFY | OUTPUT         | OPENS OUTPUT EDITOR   |  |
|   | MODIFY | DEVICE         | OPENS DEVICE LIST   |  |
|   | MODIFY | FOCUS          | OPENS LIST OF FOCUS PALETTES  |  |
|   | MODIFY | COLOUR         | OPENS LIST OF COLOUR PALETTES   |  |
|   | MODIFY | BEAM           | OPENS LIST OF BEAM PALETTES   |  |
|   | MODIFY | PALETTE        | OPENS LIST OF ALL PALETTES  |  |
|   | MODIFY | DYNAMIC        | OPENS DYNAMIC EFFECTS LIBRARY   | LIVE DYNAMICS SCREEN MUST BE SHUT.                       |
|   | MODIFY | GROUP          | OPENS LIST OF GROUPS  |  |
|   | MODIFY | MASTER         | OPENS MASTER PAGE EDITOR  |  |
|   | MODIFY | ASSIGN KEY     | OPENS CONTENT OF SELECTED MASTER FOR EDITING                              | NOTE IF MASTER UP THIS IS LIVE IF MASTER DOWN THEN BLIND |
|   |        | PRESET         | OPENS THE LIST OF PRESETS   | HERE YOU CAN EDIT IN BLIND                               |
| Х | PRESET | ATTRIB         | OPENS BLIND ATTRIBUTE EDITOR FOR SPECIFIED PRESET                         |  |
| Х | PRESET | DYNAMIC        | OPENED BLIND DYNAMIC EDITOR FOR SPECIFIED PRESET                          |  |
|   |        | GROUP          | OPENS THE LIST OF GROUPS FOR EDITING                                      | HERE YOU CAN EDIT IN BLIND                               |
|   |        | SEQUENCE       | OPENS THE LIST OF SEQUENCES   | HERE YOU CAN EDIT IN BLIND                               |
| Х |        | SEQUENCE       | OPENS THE SPECIFIED SEQUENCE  | HERE YOU CAN EDIT IN BLIND                               |
| Χ | MODIFY | PLAYBACK       | OPENS CURRENTLY LOADED SEQUENCE IN THE A/B PLAYBACK AT THE SPECIFIED PRES | SE' USED TO SET TIMES.                                   |
|   |        | DYNAMIC        | OPENS LIVE DYNAMIC EFFECTS EDITOR   |  |

Number WHAT WHERE RESULT NOTE

|   |        | CHANNEL CONTR | <u>or</u>  | THERE ARE TWO MODE RPN AND @ MODE       |  |
|---|--------|---------------|--|---|--|
|   | SET-UP | CH/ID         | CHANGE SET TIME FROM RPN TO @ MODE AND SET STEP LEVEL NORMALLY 70%                       | IS 1 @ 45 FOR EXAMPLE                   |  |
|   |        |               | ***** LEVEL ENTRY IS DOUBLE DIGIT ***** I.E 40% OR 42%                                   |   |  |
|   | C/ALT  | CH/ID         | CLEARS A/B OUTPUT  |   |  |
|   | C/ALT  | LIVE          | CLEARS A/B OUTPUT  | PRESS A SECOND TIME TO CLEAR ALL        |  |
|   | C/ALT  | HOME ATTRIB   | HOMES ALL PATCHED DEVICES AND STOPS ALL DYNAMICS   | PRESS A SECOND TIME TO BLACKOUT AS WELL |  |
|   | C/ALT  | FCB           | CLEARS CHANGE FLAGS FROM SELECTED CATEGORY FOR SELECTED CHANNELS                         | I.E COLOUR                              |  |
|   | C/ALT  | ATT WHEEL KEY | CLEARS CHANGE FLAGS FROM SELECTED ATTRIBUTE FOR SELECTED CHANNELS                        | I.E. GOBO 1                             |  |
|   | C/ALT  | @             | UNSELECT SELECTED CHANNELS   |   |  |
|   | C/ALT  | -%            | SET SELECTED CHANNELS TO ZERO  |   |  |
|   | C/ALT  | +%            | SET SELECTED CHANNELS TO FULL  |   |  |
| Х | C/ALT  | +             | TAKES THE SELECTED CHANNEL AT THE CURRENT LEVEL AND STEPS THROUGH CHAN                   | INI RIG CHECK                           |  |
| Х | C/ALT  | -             | TAKES THE SELECTED CHANNEL AT THE CURRENT LEVEL AND STEPS THROUGH CHAN                   | INI RIG CHECK                           |  |
| Х | CH/ID  | @             | FLASH SELECTED CHANNELS TO FULL THEN RETURNS TO ESTABLISHED LEVEL                        |   |  |
| Х | CH/ID  | @             | SELECTED CHANNELS SET TO STEP LEVEL  | RPN                                     |  |
| Х | CH/ID  | @@            | SELECTED CHANNELS SET TO FULL  |   |  |
| Х |        | Ch/id @ ON    | SELECTED CHANNELS SET TO LAST RECORDED LEVEL   |   |  |
| Х |        | Ch/id ON      | SELECTED CHANNELS SET TO STEP LEVEL - defined in step-up default is 70%                  | AT MODE ONLY                            |  |
| Х | CH/ID  | @             | FLASH SELECTED CHANNELS TO ID LEVEL AS SET IN SETTINGS THEN RETURNS TO ESTABLISHED LEVEL |   |  |
| Х |        | @             | SETS LEVEL AS 256 BIT STEPS  |   |  |
|   |        | + %           | ADDS 1 BIT TO THE LEVEL VALUE EACH TIME YOU PRESS +%                                     | MUST KEEP . PRESSED                     |  |
|   | % SL   |               | SUBTRACTS 1 BIT FROM THE LEVEL VALUE EACH TIME YOU PRESS -%                              | MUST KEEP . PRESSED                     |  |

| INPUT<br>Number | PRESS AND HOLD<br>WHAT | PRESS<br>WHERE | RESULT  |
|-----------------|------------------------|----------------|---|
|                 |                        | HOT KEYS       |   |
|                 | FOCUS                  |                | SHOWS FIRST 40 FOCUS PALETTES IN DIRECT SELECTS           |
| Х               |                        | FOCUS          | SETS SELECTED CHANNELS TO SPECIFIED FOCUS PALETTE         |
|                 | COLOUR                 |                | SHOWS FIRST 40 COLOUR PALETTES IN DIRECT SELECTS          |
| Х               |                        | COLOUR         | SETS SELECTED CHANNELS TO SPECIFIED COLOUR PALETTE        |
|                 | BEAM                   |                | SHOWS FIRST 40 BEAM PALETTES IN DIRECT SELECTS            |
| Х               |                        | BEAM           | SETS SELECTED CHANNELS TO SPECIFIED BEAM PALETTE          |
|                 | PALETTE                |                | SHOWS FIRST 40 ALL PALETTES IN DIRECT SELECTS             |
| Х               |                        | PALETTE        | SETS SELECTED CHANNELS TO SPECIFIED ALL PALETTE           |
|                 | DYNAMIC                |                | SHOWS FIRST 40 DYNAMICS IN DIRECT SELECTS                 |
| Х               |                        | DYNAMIC        | SETS SELECTED CHANNELS TO SPECIFIED DYNAMIC EFFECT        |
|                 | GROUP                  |                | SHOWS FIRST 40 GROUPS IN DIRECT SELECTS                   |
|                 |                        |                |   |
|                 | <u>G</u>               | ROUPS          |   |
| Х               |                        | GROUP          | CHANNELS FROM NUMBERED GROUP ARE SELECTED                 |
| Х               | GROUP                  | @              | CHANNELS FROM NUMBERED GROUP ARE ADDED AT LEVEL           |
| Х               | GROUP                  | WHEEL          | CHANNELS FROM NUMBERED GROUP ARE WHEEL IN WITH PROPORTION |
| Х               | GROUP                  | +              | SELECTED GROUP IS ADDED TO THE CHANNEL SELECTION          |
| Х               | GROUP                  | -              | SELECTED GROUP IS SUBTRACTED FROM THE CHANNEL SELECTION   |

NOTE

| INPUT<br>Number | PRESS AND HOLD<br>WHAT | PRESS<br>WHERE       | RESULT  | NOTE   |    |
|-----------------|------------------------|----------------------|---|--|----|
|                 |                        | PRESET               | <u>Als</u>  | so see recording.                            |    |
| Х               |                        | PRESET               | CHANNELS FROM NUMBERED PRESET ARE SELECTED  |  |    |
| Х               | PRESET                 | @                    | CHANNELS FROM NUMBERED PRESET ARE ADDED AT LEVEL  |  |    |
| Х               | PRESET                 | WHEEL                | CHANNELS FROM NUMBERED PRESET ARE WHEELED IN WITH PROPORTION  |  |    |
| Х               | PRESET                 | +                    | CHANNELS WITH A LEVEL IN THE SPECIFIED PRESET ARE ADDED TO THE CURRENT CHANNEL SELECTION WITH THERE LEVELS        |  |    |
| Х               | PRESET                 | -                    | CHANNELS WITH A LEVEL IN THE SPECIFIED PRESET ARE SUBTRACTED FROM THE CURRENT CHANNEL SELECTION WITH THERE LEVELS |  |    |
| X               | PRESET                 | LIVE                 | SELECTED PRESET IS CUT TO LIVE DO   | DES NOT ALTER CURRENT SEQUENCE LIST POSITION |    |
| X               |                        | GOTO                 | CROSSFADE TO SPECIFIED PRESET   |  |    |
| Х               |                        | JUMP TO B            | SPECIFIED PRESET IS LOADED INTO B READY FOR A GO.   |  |    |
| X               | PRESET                 | ALL                  | ALL CHANNELS WITH A LEVEL IN THE SPECIFIED PRESET AND WITH A LEVEL IN THE CURRENT CHANNEL SELECTION ARE SELECTED  |  |    |
|                 |                        | THE ALL KEY          |   |  |    |
|                 |                        | ALL                  | ALL CHANNELS WITH LEVEL ARE SELECTED  |  |    |
|                 | ALL                    | DIRECT SELECT        | ALL CHANNELS IN THE SELECTED PALETTE WITH LEVEL SELECTED  |  |    |
|                 | CH/ID                  | DIRECT SELECT        | ALL CHANNELS CURRENTLY IN SELECTED PALETTE WITH OR WITHOUT LEVEL ARE SELECTED                                     |  |    |
|                 |                        | FETCH - GET LEV      | EL OR ATTRIBUTE DATA FROM ANOTHER PRESET  |  |    |
| X               |                        | FETCH                | FETCH'S CHANNEL LEVELS FROM SPECIFIED PRESET FOR SELECTED CHANNELS  |  |    |
| Х               | FETCH                  | FOCUS                | FETCH'S FOCUS ATTRIBUTE VALUE FROM SPECIFIED PRESET FOR SELECTED CHANNELS   |  |    |
| Х               | FETCH                  | COLOUR               | FETCH'S COLOUR ATTRIBUTE VALUE FROM SPECIFIED PRESET FOR SELECTED CHANNELS  |  |    |
| Х               | FETCH                  | BEAM                 | FETCH'S BEAM ATTRIBUTE VALUE FROM SPECIFIED PRESET FOR SELECTED CHANNELS  |  |    |
| Х               | FETCH                  | ATT WHEEL KEY        | FETCH'S SELECTED ATTRIBUTE VALUE FROM SPECIFIED PRESET FOR SELECTED CHANNELS                                      |  |    |
| Χ               | FETCH                  | DYNAMIC              | FETCH'S ALL DYNAMICS FROM SPECIFIED PRESET FOR SELECTED CHANNELS  |  |    |
| C/Alt           |                        | Ch/id                | +   | - 4  | +% |
| Set-up          | +                      | to access option set | tings for item i.e. time  |  |    |
| Modify          |                        | to open a text field |   |  |    |

| INPUT<br>Number  | PRESS AND HOLD WHAT                                    | PRESS<br>WHERE            | RESULT  |  |  |
|--|--|---------------------------|---|--|--|
|  |  |                           |   |  |  |
| Modify   | +  | to open editor for se     | lected item i.e. channel list                       |  |  |
| Modify   | +  | Playback                  | to open specified sequence step                     |  |  |
| Record   |  | output to main seque      | ence  |  |  |
| Record   | (#)  | what                      | (where) Record + Group Record + Focus               |  |  |
| Time   | +  | FCB                       | to set category or parameter time on sequence step  |  |  |
| Delay  | +  | FCB                       | to set category or parameter delay on sequence step |  |  |
| Туре   | +  | Direct Select             |   |  |  |
| Bank   | +  | Direct Select             |   |  |  |
| Fetch  | +  | Wheel key or FCB          |   |  |  |
| Ch/id  | +  | Time                      | Delay   |  |  |
| Ch/id  | +  | @                         | to flash selected channel to full                   |  |  |
| FCB  | press and hold to see                                  | first 40 in direct select | ts  |  |  |
| group  | group press and hold to see first 40 in direct selects |                           |   |  |  |
| dynamic press and hold to see first 40 in direct selects |  |                           |   |  |  |
| ? (help)   |  | Any key for it's funct    | ion   |  |  |
| ?  | >  | text                      | to open a text search window                        |  |  |
| Modify   |  | to open a text field      |   |  |  |

to pick selection type
to pick decrement range
to set channel time/delay on selected channel

NOTE