Index

?>> Button 3-8
?>> Indicator - Meter 5-2
>+10db ON SPECTRA Button - 651G 4-17
+x3 Button - 611G 2-7
>+3 Button - 611G 2-8
>+48V Button - 611G 2-2

5000 M Series - Post-Production Applications 10-24
6000 G(E) Stereo Video System 1-4, 10-24
611G I/O Module Section 2
- Basic Fault Finding 11-6
611S Stereo Channel Module Section 3
- Basic Fault Finding 11-10
- Patchbay 6-9

651G Master Facilities Module Section 4
- Basic Fault Finding 11-11

AFL Button - 651G 4-7, 4-15, 4-20
Applications Guide Section 10
Audio Post-Production 10-24
AUTO FADE Button - 651G 4-15
AUTOCUE Button - 651G 4-13
- use in Basic Track Laying 10-7
Automation and Total Recall™ During Track Laying 10-14, 10-30
Auxiliary
- Meters 5-4
- Send - Definition of the Term 9-5
Auxiliary Sends - see Cue and Auxiliary Sends
BAL Control - 611S
BELL Button - 611S
Blank 682 Panel - 651G
Bus - Definition of the term

CANS Level Control - 651G
Centre Section Meters
CH Button - 611G
CH IN Button - 611G
CH IN and CH OUT Buttons - Basic Track Laying
CH OUT Button - 611G
CHANNEL IN TO METERS Button - Centre Section
  - use in Mixing
Channel Input - Routing and Signal Flow
Channel Input Section - 611G
Channel Input section - 611S
CLEAR PEAK Button - 651G
Communications - 651G
Compressor/Limiter - 611G
Control Room Monitoring - 651G
Control Room Monitoring and Cue Feeds - 611G
Cue and Auxiliary Sends
  - 611G
  - 611S
  - Master Controls - 651G
  - Options
  - Schematic
  - Signal Flow
Cue Send - Definition of the term
Cue Stereo
  - 611G
  - 611S
  - use in Basic Track Laying
CUE STEREO, CUE 1 and 2 Talkback Buttons - 651G
CUES Button - Talkback - 651G  
- use in Basic Track Laying  
   10-7  
CUES Level Control - 651G  
   4-10  
CUT 0 Button - Centre Section  
   4-21  
CUT Button  
- 611S  
   3-10  
- 651G  
   4-9  
- Large Fader - 611G  
   2-27  
- Patchable VCAs - 651G  
   4-20  
- VCA Groups - 651G  
   4-22  
DESK OUTPUT Meters Button - 651G  
   4-18  
DIM Button - 651G  
   4-9  
DIRECT Button  
- 611G  
   2-14  
- Routing and Signal Flow  
   7-24  
- use in Basic Track Laying  
   10-3  
- use in Overdubbing  
   10-14  
- use in Remote Recording  
   10-23  
DISPLAY PEAK Button - 651G  
   4-16  
Dolby DS4  
   10-33  
DYN SC Button - 611S  
   3-6  
Dynamics Section  
- 611G  
   2-3  
- 611S  
   3-4  
- Basic Fault Finding  
   11-8  
- Signal Processor Routing - 611G  
   8-1  
Echo Returns - 651G  
- Patchbay  
   6-6  
Echo Send - Definition of the term  
   9-5  
Echo Sends - Patchbay  
   6-8
Equaliser
- 611G 2-6
- 611S 3-5
- Basic Fault Finding 11-9
- Signal Processor Routing 8-1

Expander/Gate
- 611G 2-5
- 611S 3-4

EXTERNAL SOURCE Meters Button - 651G 4-18

EXTERNAL TO MONITORS Button
- 651G 4-8
- use in Basic Track Laying 10-7

EXTERNAL TO STUDIO Button
- 651G 4-10
- use in Basic Track Laying 10-9

EXTRA WIDE Button - 611S 3-9

F/B PAN Button - Echo returns - 651G 4-7
Fader Facilities - 611S 3-10
FADER START Button - 611S 3-8

Fault Finding 11-5

FILTER Button - 611S 3-9

Filters
- 611G 2-6, 2-10
- 611S 3-5

Film Mixing and Scoring 10-32

Fixing the Fault 11-5

FLIP Button - 611G 2-2

FLOAT Button - 611G 2-13
- Signal Flow Schematic 7-12
- use in Basic Track Laying 10-9
- use in Mixing 10-18
- use in Overdubbing 10-12
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLT DYN SC Button - 611G</td>
<td>2-6</td>
</tr>
<tr>
<td>FOLLOW MONITOR Meters Button - 651G</td>
<td>4-18</td>
</tr>
<tr>
<td>FREQUENCY SELECT Oscillator Control - 651G</td>
<td>4-3</td>
</tr>
<tr>
<td>GAIN Control - 611S</td>
<td>3-2</td>
</tr>
<tr>
<td>GROUP</td>
<td></td>
</tr>
<tr>
<td>- Card - Basic Fault Finding</td>
<td>11-8</td>
</tr>
<tr>
<td>- Indicator - Meter</td>
<td>5-1</td>
</tr>
<tr>
<td>- Output Section - 611G</td>
<td>2-13</td>
</tr>
<tr>
<td>- TRIM Level Control - 611G</td>
<td>2-13</td>
</tr>
<tr>
<td>- TRIM Level Controls - use in Basic Track Laying</td>
<td>10-4</td>
</tr>
<tr>
<td>GROUPS Button - Oscillator - 651G</td>
<td>4-3</td>
</tr>
<tr>
<td>Headphone Monitoring from Cue Sends - 611G</td>
<td>2-24</td>
</tr>
<tr>
<td>HF</td>
<td></td>
</tr>
<tr>
<td>- Control - Cue/Aux Sends - 651G</td>
<td>4-25</td>
</tr>
<tr>
<td>- Control - Local Aux Sends Panel</td>
<td>4-23</td>
</tr>
<tr>
<td>- Section - Equaliser - 611G</td>
<td>2-7</td>
</tr>
<tr>
<td>HMF Section - Equaliser - 611G</td>
<td>2-7</td>
</tr>
<tr>
<td>I/O Module - 611G</td>
<td></td>
</tr>
<tr>
<td>- Cue and Auxiliary Sends</td>
<td>9-1</td>
</tr>
<tr>
<td>- Meters</td>
<td>5-1</td>
</tr>
<tr>
<td>I/P Button - 611S</td>
<td>3-6</td>
</tr>
<tr>
<td>Image Controls - 611S</td>
<td>3-9</td>
</tr>
<tr>
<td>IMAGE PAN Control - 611S</td>
<td>3-9</td>
</tr>
<tr>
<td>IMAGE WIDTH Control - 611S</td>
<td>3-9</td>
</tr>
<tr>
<td>IN Button</td>
<td></td>
</tr>
<tr>
<td>- Echo Returns - 651G</td>
<td>4-6</td>
</tr>
<tr>
<td>- Equaliser - 611S</td>
<td>3-6</td>
</tr>
<tr>
<td>- Image Controls - 611S</td>
<td>3-9</td>
</tr>
<tr>
<td>- Insert - 611G</td>
<td>2-10</td>
</tr>
<tr>
<td>- Quad Compressor - 651G</td>
<td>4-11</td>
</tr>
<tr>
<td>In-Line Consoles</td>
<td>7-2</td>
</tr>
<tr>
<td></td>
<td>12-5</td>
</tr>
</tbody>
</table>
INPUT and OUTPUT Buttons - 611G
  - use in Mixing 10-17
  - use in Remote Recording 10-20
INS RTN Button - 611S 3-4
Insert Point
  - 611G 2-10
  - 611S 3-6
  - Patchbay 6-2
Jacks
  - Fully Normalled 6-2
  - Half Normalled 6-1
Key Points in the SL611G - Routing and Signal Flow 7-2
Key To Signal Flow Diagrams 7-6
Keyboard - Centre Section 4-20
L CUT Button - Echo returns - 651G 4-7
L Indicator - Meter 5-2
L Meter Button - 611S 3-8
L/R Pan Button - Echo returns - 651G 4-7
Large (VCA) Fader - 611G 2-26
  - To Large Fader Subgrouping 10-18
  - To Small Fader Subgrouping 10-18
  - Routing and Signal Flow 7-3
  - VCA Subgrouping 2-28
LF
  - Control - Cue/Aux Sends - 651G 4-25
  - Control - Local Aux Sends Panel 4-23
  - Section - Equaliser - 611G 2-9
  - Section - Equaliser - 611S 3-5
Left and Right Hand Cue/Aux Busses 9-6
LINE Gain - 611G 2-2
LINK Button - 611G 2-5
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LISTEN 1 &amp; 2 Controls - 651G</td>
<td>4-5</td>
</tr>
<tr>
<td>- use in Basic Track Laying</td>
<td>10-8</td>
</tr>
<tr>
<td>LISTEN MIC Button - 651G</td>
<td>4-19</td>
</tr>
<tr>
<td>- use in Basic Track Laying</td>
<td>10-8</td>
</tr>
<tr>
<td>LISTEN MIC TO TAPE Button - 651G</td>
<td>4-19</td>
</tr>
<tr>
<td>Listen Mics - Patchbay</td>
<td>6-6</td>
</tr>
<tr>
<td>LMF Section - Equaliser - 611G</td>
<td>2-8</td>
</tr>
<tr>
<td>Local Aux Sends</td>
<td></td>
</tr>
<tr>
<td>- Definition of the term</td>
<td>9-5</td>
</tr>
<tr>
<td>- Panel</td>
<td>4-23, 9-3</td>
</tr>
<tr>
<td>- Patch Outputs</td>
<td>6-8</td>
</tr>
<tr>
<td>Locating the Problem - Basic Fault Finding</td>
<td>11-2</td>
</tr>
<tr>
<td>Logic Card - Basic Fault Finding</td>
<td>11-9</td>
</tr>
<tr>
<td>M.D. Button</td>
<td></td>
</tr>
<tr>
<td>- 651G</td>
<td>4-19</td>
</tr>
<tr>
<td>- Patch Output</td>
<td>6-6</td>
</tr>
<tr>
<td>M/S Button - 611S</td>
<td>3-3</td>
</tr>
<tr>
<td>- use in Basic Track Laying</td>
<td>10-10</td>
</tr>
<tr>
<td>Main Outputs and Distribution - Patchbay</td>
<td>6-4</td>
</tr>
<tr>
<td>MAKE-UP Control - Compressor - 651G</td>
<td>4-11</td>
</tr>
<tr>
<td>MASTER CH INPUT FLIP Button - 651G</td>
<td>4-13</td>
</tr>
<tr>
<td>- Routing and Signal Flow</td>
<td>7-13</td>
</tr>
<tr>
<td>MASTER READY GROUP Button - Centre Section</td>
<td>4-21</td>
</tr>
<tr>
<td>Meter</td>
<td></td>
</tr>
<tr>
<td>- Controls - 611S</td>
<td>3-8</td>
</tr>
<tr>
<td>- Centre Section - PLASMA BARGRAPHS</td>
<td>5-3</td>
</tr>
<tr>
<td>- Centre Section - VU and PPM</td>
<td>5-2</td>
</tr>
<tr>
<td>Meter Bridge</td>
<td></td>
</tr>
<tr>
<td>Section 5</td>
<td></td>
</tr>
<tr>
<td>MF Section - Equaliser - 611S</td>
<td>3-5</td>
</tr>
<tr>
<td>MIC Gain - 611G</td>
<td>2-2</td>
</tr>
<tr>
<td>Mic/Line Input Card - Basic Fault Finding</td>
<td>11-7</td>
</tr>
<tr>
<td>MINI LS Button - 651G</td>
<td>4-9</td>
</tr>
<tr>
<td>Mini LS - Patch</td>
<td>6-6</td>
</tr>
</tbody>
</table>
MIX + RECORD Status
- use in Remote Recording 4-13 10-20
- Routing and Signal Flow 7-22
MIX Status - 651G 4-12
- Signal Flow Schematic 7-15, 7-16
- use in Overdubbing 10-11
Mixing - Applications Guide 10-15
MON Button
- Dynamics - 611G 2-3
- Equaliser - 611G 2-6
Monitor
- CUT and SOLO - 611G 2-25
- CUTS and TRIMS - 651G 4-9
- Input and Small Fader Section - 611G 2-18
- Input Section - Routing and Signal Flow 7-4
- Level Control - 651G 4-8
- Matrix Buttons - 651G 4-8
- Outputs - Patch 6-6
- Selection and Control - 651G 4-8
MONO Button
- 611S 3-8
- Monitors - 651G 4-8
MONO L Button - 611S 3-2
MONO R Button - 611S 3-2
Multitrack Routing Matrix - Routing and Signal Flow 7-3
Music Recording - Applications Section 10-2
Ø PHASE Button - 611G 2-2
Ø PHASE L Button - 611S 3-2
Ø PHASE R Button - 611S 3-2
OMNI Button - 651G 4-19
ON Button - Oscillator - 651G 4-3
Option Buttons - 651G 4-21
| Oscillator - 651G | 4-3 |
| - LEVEL Control | 4-3 |
| - Output - Patch | 6-6 |

**OUTPUT Button - 611G - see INPUT & OUTPUT Buttons**

**Overdubbing - Applications Guide**

**OVERLOAD Indicator**

| - 611G | 2-10 |
| - 611S | 3-7 |

**PAN**

| - Image Control - 611S | 3-9 |
| - Left/Right and Front/Back - 611G | 2-21 |
| - Routing Matrix - 611G | 2-16 |

**Parametric Equaliser - 611G and 611S - see Equaliser**

**PATCH**

| Section 6 |
| - Row and Jack Designation | 1-5 |
| - Wiring for consoles over 56 Channels | 6-9 |

**Patchable VCAs**

| 4-20 |
| - Patchbay | 6-8 |

**PFL Button - 611S**

| 3-10 |

**Plasma Bargraph Controls - 651G**

| 4-16 |

**Plasma Bargraphs**

| 5-1 |

**POST EQ Button**

| - Dynamics - 611S | 3-4 |
| - Insert - 611S | 3-6 |

**POST VCA Button - 611S**

| 3-6 |

**Post VCA Insert - Patchbay**

| 6-4 |

**Power Supply Indicators - 651G**

| 4-2 |

**PPM**

| - Button - 651G | 4-17 |
| - Meter | 5-1 |
PRE Button
- Cues - 611G  2-11
- Cues - 611S  3-7
- Insert - 611G  2-10
PRE EQ Button
- Dynamics - 611S  3-4
- Insert - 611S  3-6
Pre VCA Insert - Patchbay  6-4

QUAD Monitors Button - 651G  4-8
QUAD BUS Button - Oscillator - 651G  4-3
Quad Bus Outputs - Patchbay  6-4
Quad Compressor - 651G  4-11
Quad Disc - Patch  6-8
Quad Meter Selection Buttons - 651G  4-18
Quad Pan Controls - Routing  7-5
QUAD TO CUES Button - 651G  4-13
- Cue and Auxiliary Sends  9-6
- use in Basic Track Laying  10-7

R Indicator - Meter  5-2
R Meter Button - 611S  3-8
R CUT Button - Echo Returns - 651G  4-7
RANGE - Expander/Gate
- 611G  2-5
- 611S  3-4
RATIO - Compressor/Limiter
- 611G  2-4
- 611S  3-4
READY GROUP and READY TAPE Buttons - 611G  2-18, 2-22
- use in Basic Track Laying  10-3
- use in Mixing  10-16
- use in Overdubbing  10-11
- use in Remote Recording  10-21

12-10
RECORD Button - 611G
RECORD Indicator - Meter
RECORD Status - 651G
- Routing and Signal Flow
- Signal Flow Schematic
- use in Basic Track Laying
- use in Remote Recording
- use in Overdubbing
RECORD + MIX Status
- Routing and Signal Flow
- use in Overdubbing
RECORD + MIX + VCAs TO MONITOR - Signal Flow
RECORD + VCAs TO MONITOR Status
- Cue and Auxiliary Sends
- Routing and Signal Flow
- Signal Flow Schematic
- use in Basic Track Laying
- use in Overdubbing
RED LIGHT Button - 651G
RELEASE TIME
- Compressor/Limiter - 611G
- Compressor/Limiter - 611S
- Expander/Gate - 611G
- Expander/Gate - 611S
Remote Facilities - 611S
Remote (Mobile) Recording Applications
Replacing
- I/O Module Cards
- SL651G Cards
REPLAY Status - 651G
- Routing and Signal Flow
- use in Basic Track Laying
Routing and Signal Flow
Routing Buttons EQ - 611G

---

12-11
Routing Matrix
- 611G  
- 611S  
Routing Matrix and Status Logic Switching - 611G  
Rows A to K - Patchbay  
Rows L to S - Patchbay

Signal Processor Routing - 611G  
SL4000 and SL6000 Differences  
SLATE LEVEL Control - 651G  
SLS
  - Level Control - 651G  
  - Outputs - Patchbay
SMALL FADER Button - Cue/Aux Sends - 611G  
SMALL FADERS
  - as Additional Inputs to the Mix - Signal Flow Schematic  
  - as Extra Auxiliary Sends - 611G  
  - as Extra Auxiliary Sends - Signal Flow Schematic  
  - CUT and SOLO Buttons - 611G  
  - Source and Destination - 611G  
  - Subgrouped to Large faders - Signal Flow Schematic  
  - Subgrouped to Large Faders in Mixing  
  - Subgrouped to Small Faders in Mixing
SMPTE Jacks - Patch  
SOLO 0 - 651G  
SOLO Button
  - 611S  
  - Large Fader - 611G  
  - Small Fader - 611G  
  - VCA Groups - 651G
SOLO ISOLATE Button
  - 611G  
  - 611S
SOLO LINK - 651G
SPECTRA Button - 651G  4-17
SPECTRA ON SOLO Button - 651G  4-17
SPIN Control - Echo Returns - 651G  4-6
SPLIT Button
  - Filters - 611G  2-6
  - Filters - Signal Processor Routing - 611G  8-4
  - Local Aux Sends Panel  4-23, 9-3
Split Console Recording - Applications Guide  10-10
SSL Button - Video Switcher - Centre Section  4-24
ST1 to ST5 Replay - Patchbay  6-8
START Button - 611S  3-8
Status Buttons - 651G  4-12
STATUS LOCK Button - 651G  4-14
STATUS Button - Large VCA Fader  2-27
STEREO Monitors Button - 651G  4-8
Stereo Echo Returns - 651G  4-6
Stereo Equaliser and Filter Section - 611S  3-5
STEREO LINK Button - Cue/Aux Sends - 611S  3-8
Stereo Module fitted into Standard I/O Wired Frame  3-1
Stereo Module Meters  5-2
Stereo Patchable VCAs - 651G  4-20
STOP Button - 611S  3-8
STORE PEAK Button  4-16
SUB GROUP Button - 611G  2-2
  - Routing and Signal Flow  7-18
  - use in Mixing  10-17
Supercue Facilities - 611G  2-22
Surround Speakers  10-32

Talkback
  - Level Controls - 651G  4-4
  - Microphone - 651G  4-19
TAPE Indicator - Meter  5-1
THRESHOLD
- Compressor/Limiter - 611G 2-4
- Expander/Gate - 611G 2-5
To Routing LED -611G 2-17, 2-20
Total Recall™ Multiplexer Card - Fault Finding 11-9
Track Laying - Applications 10-3
TRIM Control - 611S 3-2
Ultimation™ 1-4, 2-28, 4-15

VCA Card - Basic Fault Finding 11-8
VCA Group Faders - Centre Section 4-22
VCA Indicator - Meter
- 611G 5-1
- 611S 5-2
VCA Subgroups in Mixing 10-18
VCAs TO MONITOR - Status - 651G 4-13
- use in Basic Track Laying 10-4
- use in Mixing 10-16
- use in Overdubbing 10-12
- use in Remote Recording 10-20
VCA TO MON INHIBIT Button 4-21
- use in Basic Track Laying 10-5
VCA TRIM Button and Control - 651G 4-15
VCAs to Meters Button - 651G 4-17
Video Monitor - Centre Section 4-24
Video Switcher Panel - Centre Section 4-24
VU Meters 5-1
VU Meters Button - 651G 4-17

WIDTH (Image) Control - 611S 3-9
WIDTH Control - Echo Returns - 651G 4-6
Zeppelin 10-25
Zero the Console 10-1