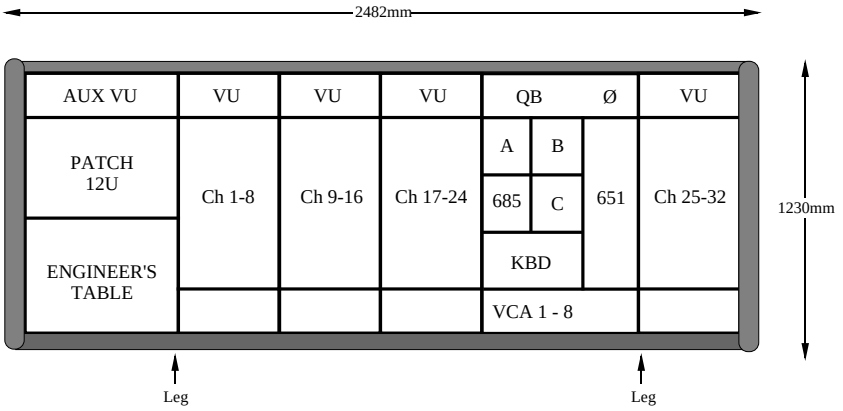
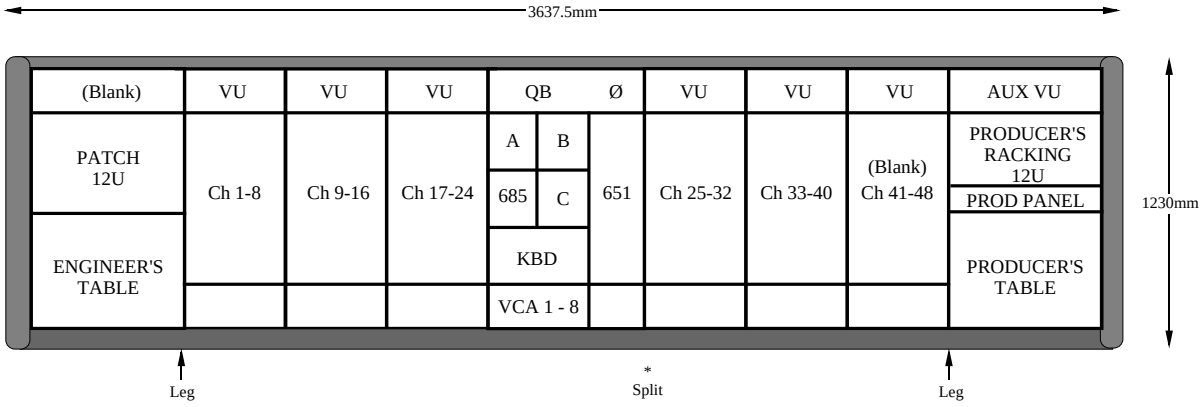


Dimensions			
Dimension	Millimetres	Feet	Inches
Length:	2482	8.14	97.75
Depth:	1230	4.04	48.43
Height:	1030	3.38	40.55

Weights		
Item	Kilograms	Pounds
Frame (empty)	321	706
Frame (32 fitted)	400	880

Notes:
1. This drawing is not to scale.
2. The Connector Panel is underneath the patchbay.
3. Panel C is a 682 panel fitted with 2 x 7 Button Tape Remotes.

SL4032-32-VU-PR-DL
G Series Master Studio System

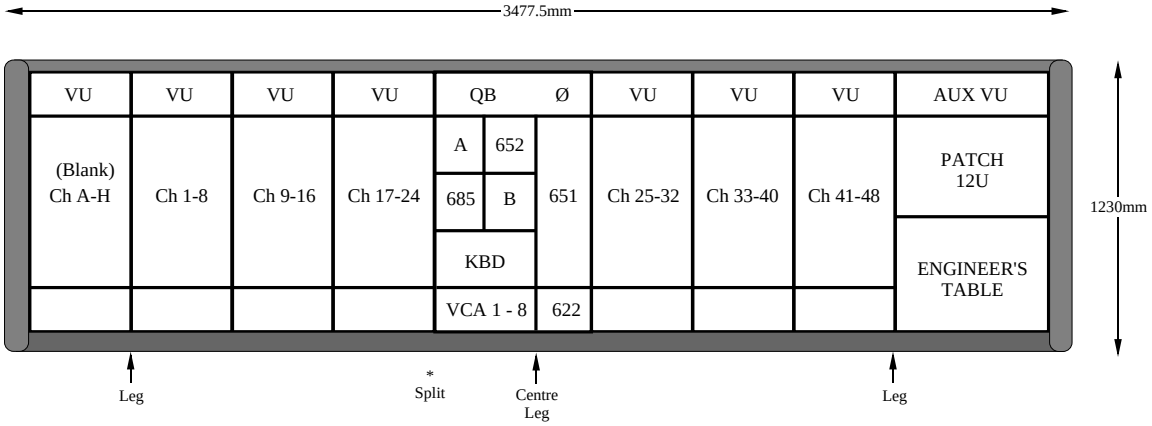


Dimensions			
Dimension	Millimetres	Feet	Inches
Length:	3637.5	11.93	143.20
Depth:	1230	4.04	48.43
Height:	1030	3.38	40.55

Weights		
Item	Kilograms	Pounds
Frame (empty)	417	917
Frame (40 fitted)	523	1151
Frame (48 fitted)	549	1208

Notes:
1. This drawing is not to scale.
2. The Connector Panel is underneath the patchbay.
3. Panel C is a 682 panel fitted with 2 x 7 Button Tape Remotes

SL4048-40-VU-PR-DL
G Series Master Studio System



Dimensions			
Dimension	Millimetres	Feet	Inches
Length:	3477.5	111.41	136.91
Depth:	1230	4.04	48.43
Height:	1030	3.38	40.55

Weights		
Item	Kilograms	Pounds
Frame (empty)	465	1023
Frame (48 fitted)	597	1313
Frame (56 fitted)	623	1371

Notes:
1. This drawing is not to scale.
2. The Connector Panel is underneath the patchbay.
3. Panel A is a blank 682 panel; Panel B is a 4 x 7 Tape Remote
4. 652 is the Split Cues, 685 is the Inboard TV.

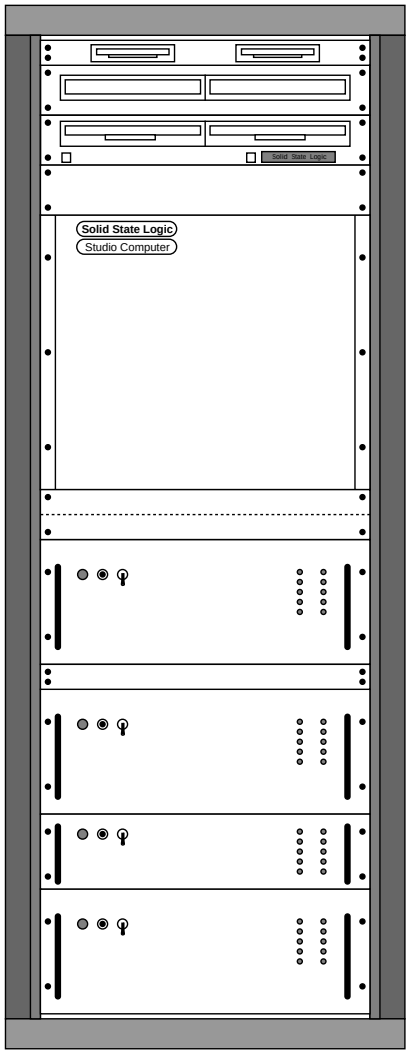
SL4056-48-VU-TR-DL
G Series Master Studio System

Console Weight

The table below shows the weights of SL 4000 G Series consoles with integral patchbay and producer's table. To calculate the weight of consoles without a patchbay deduct 10% of the total console weight. To calculate the weight for a console with more or fewer modules, add or deduct 3.3kg per module.

Frame Size (Channels)	Frame alone	Frame + 32 fitted channels	Frame + 40 fitted channels	Frame + 48 fitted channels	Frame + 56 fitted channels	Frame + 64 fitted channels	Frame + 72 fitted channels	Frame + 80 fitted channels
40	369 (812)	448 (986)	475 (1045)	-	-	-	-	-
48	417 (917)	496 (1091)	523 (1151)	549 (1208)	-	-	-	-
56	465 (1023)	544 (1197)	571 (1256)	597 (1313)	623 (1371)	-	-	-
64	513 (1129)	592 (1302)	619 (1362)	645 (1419)	671 (1476)	698 (1536)	-	-
72	561 (1234)	640 (1408)	667 (1467)	693 (1525)	719 (1582)	746 (1641)	772 (1698)	-
80	609 (1340)	688 (1514)	714 (1571)	741 (1630)	767 (1687)	794 (1747)	820 (1804)	846 (1861)

Console Weights are shown in kg (lbs)



DUAL 3.5" FLOPPY DRIVE, 1U

DUAL 20 Mbyte CARTRIDGE DRIVE, 2U

DUAL 8" FLOPPY DRIVE, 2U

BLANK PANEL, 2U

COMPUTER MAINFRAME, 11U

OPTIONAL COMPUTER BYPASS UNIT, 1U

COMPUTER POWER SUPPLY, 5U

CONSOLE POWER SUPPLY, 5U

POWER SUPPLY CHANGEOVER UNIT, 3U

CONSOLE POWER SUPPLY, 5U

Processor Rack Dimensions

One 39U rack is supplied as standard with the studio computer. Larger systems may require two racks. The overall dimensions of the rack are as follows:

Height : 1951mm Width : 565mm Depth : 590mm

Maximum depth of individual units : 490mm

The dimensions of each item in the rack are as follows:

SL661 Console Power Supply	5U	560x485x222
Dual 3.5” Floppy Disc Drive	1U	376 (+100 cable clearance) x485x44
SL 663 Changeover Unit	3U	480x485x132
SL691 Computer Processor	11U	552 (+100 cable clearance) x485x489
Computer Bypass Unit	1U	
SL665 Computer Power Supply	5U	560x485x222
SL569 Motorised Fader PSU	3U	585 (+100 cable clearance) x485x132
SL668 Stabilised Supply	3U	480 (+100 cable clearance) x485x132

(All dimensions are in millimetres (DxWxH) and include rack mount fittings)

Processor Rack Weight

The weight, in kg (lbs), of each item in the rack is as follows:

Power Supply	27 (60)
Power Supply Changeover	10 (23)
G series Computer	100 (221)
5” Video Display	7 (16)
Ultimation Audio PSU	24 (53)
Ultimation Motor PSU	31 (68)

Environmental Specification

The table below shows the conditions under which the console will operate according to the specifications shown in the appendix.

SL 4000 Series Environmental Specification

Temperature	Operating:	5 - 30 Deg. C
	Non-operating:	5 - 30 Deg. C
	Max. Gradient:	15 Deg. C/Hour
Relative Humidity	Operating:	20 - 80 %
	Non-operating:	5 - 90 %
	Max. wet bulb:	29 Deg. C (*non-condensing*)
Vibration	Operating:	< 0.2 G (*3 - 100Hz.*)
	Non-operating, power off:	< 0.4 G (*3 - 100Hz.*)
Shock	Operating:	< 2 G (*10mSec. Max.*)
	Non-operating:	< 10 G (*10mSec. Max.*)
Altitude (*above sea level*)	Operating:	0 - 3000 m
	Non-operating:	0 - 12000 m

Thermal Considerations

Adequate airflow in both the machine room and control room is essential for reliable operation. The table below shows the power dissipation for various sizes of E- and G-Series systems.

Please use this information to ensure that the airflow through both your machine room and control room is of sufficient capacity to ensure that equipment operating temperatures remain within the relevant Environmental Specification figures shown opposite.

Power Dissipation for E- and G-Series Consoles (W)

No. of Channels	Power Dissipation		
	Console	Machine Room	Total
40	1000	2000	3000
48	1160	2160	3320
56	1320	2320	3640
64	1480	2480	3960
72	1640	2640	4280
80	1800	2800	4600
88	1960	2960	4920
96	2120	3120	5240
104	2280	3280	5560
112	2440	3440	5880

- The ‘Console’ figures are for 4K and 6K units fitted with VU meters; for bargraph meters, add 10% to the figures quoted above.

- The ‘Machine Room’ figures include the computer.

Noise Considerations

The equipment rack containing the G-Series Computer and the various power supplies (see Page 10) should be located in a separate machine room because of the noise generated by the fans within the computer rack and power supplies, as well as fans within ancillary equipment. Noise generated by the air conditioning system must also be considered.

Adequate acoustic noise isolation must exist between the machine and control rooms.