

ORDERING SPARE PARTS

ORDERING A CONSOLE

To order a new console please specify the model number and AC mains voltage required. Refer to the Standard Consoles section for more detail.

MODEL	DESCRIPTION	ORDER CODE
<i>GL3300-816A/D</i>	16 Mono Channel console + Power Supply	GL3300-816n/volts
<i>GL3300M-824A/B/C/D/E</i>	24 Input channels with integral meterbridge + Power Supply	GL3300M-824n/volts
<i>GL3300M-832A/B/C/D</i>	32 Input channels with integral meterbridge + Power Supply	GL3300M-832n/volts
<i>GL3300M-840A/B/C/D</i>	40 Input channels with integral meterbridge + Power Supply	GL3300M-840n/volts

ORDERING AN OPTION

To order an option please specify the model number and AC mains voltage required. Refer to the Standard Consoles section for more detail.

<i>GL3300-M24</i>	Meterpod to fit 24 channel console	GL3300-M24
<i>GL3300-M32</i>	Meterpod to fit 32 channel console	GL3300-M32
<i>GL3300-M40</i>	Meterpod to fit 40 channel console	GL3300-M40
<i>GL3300-8M</i>	8 Mono Input channel Expander kit	GL3300-8M
<i>GL3300-8S</i>	8 Stereo Input channel Expander kit	GL3300-8S
<i>GL3300-4SM</i>	4 Stereo & 4 Mono Input channel Expander kit	GL3300-4SM
<i>GL3300-4MS</i>	4 Mono & 4 Stereo Input channel Expander kit	GL3300-4MS
<i>GL3300-SL1</i>	GL3300 <i>SYS-LINK</i> kit	GL3300-SL1
<i>GL3300-8GD</i>	GL3300 8 Group Output kit	GL3300-8GD
<i>RPSD2</i>	Dual supply Combiner / Monitor	RPSD-2L3K
<i>RPS9</i>	Power Supply for console serial numbers <004196	RPS9/volts
<i>RPS11</i>	Power Supply for console serial numbers >004196	RPS11-3C/volts

MANUALS AND SUPPORT DOCUMENTATION

DESCRIPTION	ORDER CODE
<i>GL3300</i> User Guide	AP3102
<i>GL3300</i> Service Manual	AP3103
<i>GL3300</i> Brochure	AP3104
Meterbridge Fitting Instructions	AP2126
<i>GL3300</i> <i>SYS-LINK</i> Fitting Instructions	AP2564
<i>GL3000</i> <i>SYS-LINK</i> Application Note	AP2565
<i>GL3300</i> Expander Fitting Instructions	AP3219
<i>GL3300</i> 8 Group Output Fitting Instructions	AP3222
<i>RPS9</i> User Manual	AP2142
<i>RPS11</i> User Manual	AP2725
<i>RPSD-2</i> User Manual	AP2263

SERVICE TOOLS

The tools required to service the *GL3300* are standard to an electronics service workshop and are easily obtainable. The following items are necessary for disassembly and service access:

4mm Hexagon (Allen) key (M6 side trim)	AT0033
1-point Crosshead screwdriver (M3, 4AB)	AT0004
2-point Crosshead screwdriver (M4, 6AB)	AT0004
10mm Nutdriver	
15mm Nutdriver (jack nuts, potentiometer nuts)	
Torx headed screw drivers	

ORDERING AN ASSEMBLY

The following assemblies are supplied fully tested. Please note that several of these need to be assigned according to their position in the console. This is done by soldering wire links or assignment pads. It is best to check the assignment settings of the assembly you are replacing before removing it from the console. Please quote the description and order code for the part required.

Printed circuit (PCB) assemblies:

* specify PCB Group position n the console.

Mono Input-4M Connector PCB assembly	002-275
Mono Input PCB assembly	002-280
Stereo Input-4S Connector PCB assembly	002-274
Stereo Input PCB assembly	002-281
* Group PCB assembly	002-192 / 193
Left PCB assembly	002-277
Right PCB assembly	002-278
Master connector PCB assembly	002-191
RPS9 PCB assembly	000-327
RPS11 PCB assembly	002-047
GL3300 Meterpod PCB assembly LEFT	002-039
GL3300 Meterpod PCB assembly RIGHT	002-040
GL3300M Meterpod PCB assembly LEFT	002-464
GL3300M Meterpod PCB assembly RIGHT	002-465

IDC connector harnesses:

GL3300-816	34 way Main harness	AL2347
GL3300-824	34 way Main harness	AL2351
GL3300-832	34 way Main harness	AL2355
GL3300-840	34 way Main harness	AL2359
GL3300	16 way Master harness	AL2343

THE CHASSIS TRIM

GL3300(<002200 S/N)	Left & Right Chassis side trims	AA2363-L/R
GL3300M(>002200 S/N)	Left & Right Chassis side trims	AA3596-L/R
	Write-on strip 10'	AK0327
GL3300-816	Ident strip CHAN 1-16 + Master	AK3207
GL3300-824	Ident strip CHAN 1-16 + Master + CHAN 17-24	AK3208
	Ident strip CHAN 25-40	AK3209
	Ident strip CHAN 1- 24 + Master	AK3210
GL3300 Meterpod	Left & Right Meterpod side trims	AA2090L/R

ORDERING A SPARES KIT

It is recommended that the spares kit order code **002-096** is held and maintained by the service agent to enable in-field service repairs to the **GL3300** and **GL3000** independent of the ALLEN & HEATH factory. Commonly available items such as resistors, capacitors, tools and soldering equipment are not included. The contents of the kit is listed below and is supplied in a cabinet of drawers. Individual spare parts may be ordered. Please quote the description and order code for the part required.

DESCRIPTION

ORDER CODE

QTY

Fixings:

Screw 4AB x 5/16" CSK Pozi Black	AB0059	10
Screw 4 x 5/16" Poly Pan Pozi Black	AB2810	10
Screw 6B x 5/16" Pan Pozi Black	AB2809	10

Screw 8B x 5/16" CSK Pozi Black	AB2085	10
Screw 6B x 1/4" CSK Pozi zinc	AB2083	10
Screw 6B x 3/8" CSK Pozi zinc	AB2082	10
Screw M6 x 20mm CSK Allen Black	AB0310	5
Screw M3 x 5mm CSK Pozi Black	AB2811	10
Screw M3 x 8mm Pan Pozi Black	AB0073	10
Screw M3 x 8mm CSK Pozi Black	AB0074	5
Nylock Nut M3	AB0102	5
Fixing for D type connector	AB2189	10

Knobs and caps:

Knob Red & Grey 11mm D	AJ2074	10
Knob Blue & Grey 11mm D	AJ2075	5
Knob L/Blue & Grey 11mm D	AJ2076	10
Knob Green & Grey 11mm D	AJ2077	10
Knob Dark Grey & Grey 11mm D	AJ2078	10
Knob Yellow & Grey 11mm D	AJ2079	10
Knob Brown & Grey 11mm D	AJ2080	10
Fader Knob 11mm White+Black line	AJ8078	10
Fader Knob 11mm Red+Black line	AJ8079	5
Fader Knob 11mm Yellow+Black line	AJ8080	5
Fader Knob 11mm Blue+Black line	AJ8081	5
Button 5.5mm Square Grey CK	AJ2864	10
Button 5.5mm Square Red CK	AJ2961	10
Button 5.5mm Square White CK	AJ2960	10
Button 10x5mm Rectangular Grey CK	AJ2865	10
Button 10x5mm Rectangular White CK	AJ2962	10
Button Large Illuminated Rectangular White	AJ8107	10

Faders, Potentiometers, switches, and connectors:

10KA fader 100mm (GL3000)	AI8001	10
10KD fader 100mm (GL3300)	AI8117	10
10KA x 2 fader 100mm (stereo)	AI8002	5
10KA fader 60mm	AI8054	5
10KA x 2 fader 60mm	AI8051	5
20KK (203K)	AI8003	5
20KB (203B) centre click	AI8004	5
200KC x 2 (204C)	AI8005	5
20KB x 2 (203B 14mm wide) centre click	AI8006	3
20KK x 2 (203K 14mm wide)	AI8007	3
10KAC x 2 (103AC 14mm wide)	AI8008	5
200KC x 2 (204C 14mm wide)	AI8009	5
10KC x 2 (103C 14mm wide)	AI0150	5
Pot Nut 9mm	AB8050	10
Switch 2PCO Latching	AL0162	5
Switch 2PCO Momentary	AL0374	5
Switch 4PCO Latching	AL0333	5
Jack Socket Vertical PCB Mount + Hex nut	AL8082	5
Jack Socket Headphone	AL0328	1
XLR 3 Pin Female Vertical PCB Mount	AL2410	5
XLR 3 Pin Male Vertical PCB Mount	AL2411	5

LEDs and Semiconductors:

LED 3mm T1 Green	AE0085	5
LED 3mm T1 Yellow	AE0084	5
LED 3mm T1 Red	AE0086	5
LED Bar Rectangular 12way	AE2701	2
Transistor BC214C PNP	AE0031	3
Transistor 2SB737 PNP	AE8069	5

Transistor BC549 NPN	AE0020	3
Transistor 2N4403 PNP	AE0273	5
Transistor BC638 PNP	AE0037	2
Transistor BC637 NPN	AE0068	2
IC NE5532N Dual Op Amp	AE0221	5
IC TL072CP Dual Op Amp	AE0046	5
IC LM339N Quad Comparator	AE0071	2
IC CMOS 4053B	AE0117	1
IC SSM2142 Balanced Out Driver	AE0302	-

RPS9:

Mains Fuse 20mm T1A (UK, EC)	AL0305	5
Mains Fuse 20mm T3.15A (USA)	AL0464	5
Transformer 135VA	AM0919	-
Bridge Rectifier 4A 200V	AE0351	1
IC Adjustable Regulator 783 (+48V DC)	AE0214	2
IC Regulator 7815 (+15V DC)	AE0047	2
IC Regulator 7915 (-15V DC)	AE0048	2
Insulating kit TO220	AA0693	2
Fusedrawer / voltage selector	AL0588	1
LED lens power supply panel	AL0585	2

RPS11:

Lamp Neon	AL0200	2
Mains Fuse 20mm T3.15A (UK, EC)	AL0464	5
Mains Fuse 20mm T5A (USA)	AL2270	5
Mains Fuse 20mm T8A (DC)	AL0487	5
Transformer 320VA	AM2720	-
Bridge Rectifier 25A 200V	AE0239	1
Transistor MJ3001	AE0240	2
Transistor cover (inc. split washers)	AK2767	2
Thyristor TIC126M	AE0272	1
IC Adjustable Regulator 783 (+48V DC)	AE0214	2
IC Regulator UA723CN (+/-16V DC)	AE0056	2
Fuseholder 20mm Panel Mount	AL0578	1
DC cable assembly (10pin plug to 10pin socket)	002-223	-
DC cable assembly (10pin plug to 5pin XLR)	002-225	-

RPSD & RPSD2:

Mains Fuse 20mm T5.0A (RPSD)	AL2270	-
Mains Fuse 20mm T8.0A (RPSD2)	AL0487	-
Mains Filter IEC 10A	AL2260	-
Mains Outlet IEC 3 Pin	AL2261	-
Mains Switch Rocker 0-1	AL0587	-
LED 5mm T1¼ Tri-colour	AE2258	-
Zener Diode BZX85 5V6	AE0012	-
Packing assembly	002-058	-
RPSD DC Supply cable	002-060	-
RPSD2 DC Supply cable	002-223	-
RPSD IEC to IEC Mains Lead	AH2262	-

METERBRIDGE:

Preset 10K (calibrate)	AC0250	-
Meter VU+bulb	AD0011	2
Bulb (VU meter)	AD0013	5
Spacer PCB M3	AB0331	-
Screw 6B x 5/16" Pan Pozi Black	AB2809	5
Screw M6 x 12mm SKT Hex Black (Grub)	AB2087	3

Miscellaneous:

GL3300-816	Packing assembly	002-097	-
GL3300-824	Packing assembly	002-098	-
GL3300-832	Packing assembly	002-099	-
GL3300-840	Packing assembly	002-100	-
GL3300-824M	Packing Assembly	002-466	-
GL3300-832M	Packing Assembly	002-467	-
GL3300-840M	Packing Assembly	002-468	-
Flex cable	12 way 90mm	AH2228	5
Flex socket	12 way 90deg	AL2226	-
Flex socket	12 way straight	AL2227	-
Ferrite Bead	Axial	AF0610	-
Harness	2way Group Insert	002-341	-