

# ORDERING SPARE PARTS

## ORDERING A CONSOLE

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

MODEL	DESCRIPTION	ORDER CODE
<i>GL3000-816</i>	16 Mono Channel console + Power Supply	GL3000-816/volts
<i>GL3000-824S</i>	20 Mono + 4 Stereo Input channels + Power Supply	GL3000-824S/volts
<i>GL3000-832S</i>	28 Mono + 4 Stereo Input channels + Power Supply	GL3000-832S/volts
<i>GL3000-840S</i>	36 Mono + 4 Stereo Input channels + Power Supply	GL3000-840S/volts

## ORDERING AN OPTION

To order an option please specify the model number and AC mains voltage required:

<i>GL3000-M24</i>	Meterpod to fit 24 channel console	GL3000-M24
<i>GL3000-M32</i>	Meterpod to fit 32 channel console	GL3000-M32
<i>GL3000-M40</i>	Meterpod to fit 40 channel console	GL3000-M40
<i>GL3000-8M</i>	8 Mono Input channel Expander kit	GL3000-8M
<i>GL3000-4SM</i>	4 Mono & 4 Stereo Input channel Expander kit	GL3000-4SM
<i>GL3000-SL1</i>	GL3000 SYS-LINK kit	GL3000-SL1
<i>RPSD</i>	Dual supply Combiner / Monitor	RPSD

## MANUALS AND SUPPORT DOCUMENTATION

DESCRIPTION	ORDER CODE
<i>GL3000</i> User Guide	AP2366
<i>GL3000</i> Service Manual	AP2368
<i>GL3000</i> Brochure	AP2367
<i>GL4 / GL3000</i> Meterpod Fitting Instructions	AP2126
<i>GL3000</i> SYS-LINK Fitting Instructions	AP2564
<i>GL3000</i> SYS-LINK Application Note	AP2565
<i>GL3000-8M / 4SM</i> Fitting Instructions	AP2376
<i>RPS9</i> User Manual	AP2142
<i>RPSD</i> User Manual	AP2263

## SERVICE TOOLS

The tools required to service the *GL3000* 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)	

## 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 position of PCB assembly

	Mono Input-8 Connector PCB assembly	002-080
	Mono Input PCB assembly	002-081
	Mono/Stereo Input-4SM Connector PCB assembly	002-086
	Stereo Input PCB assembly	002-087
	* Group PCB assembly	002-082 / 134
	Left PCB assembly	002-083
	Right PCB assembly	002-084
	Master connector PCB assembly	002-085
	RPS9 PCB assembly	000-327
	Meterpod PCB assembly LEFT	002-039
	Meterpod PCB assembly RIGHT	002-040

IDC connector harnesses:

GL3000-816	34 way Main harness	AL2347
GL3000-824	34 way Main harness	AL2351
GL3000-832	34 way Main harness	AL2355
GL3000-840	34 way Main harness	AL2359
GL3000	16 way Master harness	AL2343

## THE CHASSIS TRIM

GL3000 (all formats)	Left & Right Chassis side trims	AA2363L/R
	Write-on strip 10'	AK0327
GL3000-816	Ident strip CHAN 1-16 + Master	AK2364
GL3000-824	Ident strip CHAN 1-16 + Master + CHAN 17-24	AK2365
	Ident strip CHAN 25-40	AK2398
	Ident strip CHAN 1- 24 + Master	AK2542
GL3000 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 **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
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### Fixings:

Screw 4AB x 5/16" Pan Pozi Black	AB0057	10
Screw 4AB x 5/16" CSK Pozi Black	AB0059	10
Screw 6B x 5/16" Pan Pozi Black	AB2084	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	AB0070	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 Yellow & Grey 11mm D	AJ2079	10
Knob Dark Grey & Grey 11mm D	AJ2078	10
Knob Green & Grey 11mm D	AJ2077	10
Knob Blue & Grey 11mm D	AJ2075	10
Knob Brown & Grey 11mm D	AJ2080	10
Knob Red & Grey 11mm D	AJ2074	10
Fader Knob 11mm White+Black line	AJ8078	10
Fader Knob 11mm Red+White line	AJ8079	5
Fader Knob 11mm Yellow+White line	AJ8080	5
Fader Knob 11mm Blue+White line	AJ8081	5
Button 5.5mm Square Grey	AJ0363	10
Button 5.5mm Square Red	AJ0364	10
Button 5.5mm Square White	AJ0373	10
Button 10x5mm Rectangular Grey	AJ0093	10
Button 10x5mm Rectangular White	AJ0094	10

### Faders, Potentiometers, switches, and connectors:

10KA fader 100mm	AI8001	10
10KA x 2 fader 100mm (stereo)	AI8002	5
10KA fader 60mm	AI8054	5
20KK (203K)	AI8003	5
20KB (203B) centre click	AI8004	5
20KB x 2 (203B 14mm wide) centre click	AI8064	3
10KC x 2 (103C 14mm wide)	AI0150	5
10KAC x 2 (103AC 14mm wide)	AI8008	5
200KC x 2 (204C)	AI8005	5
200KC x 2 (204C 14mm wide)	AI8009	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

AI8054  
Stereo 60mm

### LEDs and Semiconductors:

LED 3mm T1 Green	AE0085	5
LED 3mm T1 Yellow	AE0084	5
LED 3mm T1 Red	AE0086	5
LED Bar Rectangular Green 4way	AE0303	2
LED Bar Rectangular 3Yellow/1Red 4way	AE2419	2
LED Bar Rectangular 3Green/1Yellow 4way	AE2418	2
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

**POWER SUPPLY:**

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

**RPSD:**

Mains Fuse 20mm T5.0A	AL2270	-
Mains Filter IEC 6A	AL2260	-
Mains Outlet IEC 3 Pin	AL2261	-
Mains Switch Rocker 0-1	AL0587	-
LED 5mm T1¼ Tri-colour	AE2258	-
Zener Diode BZX85 5V6	AE0012	-
RPSD Packing assembly	002-058	-
RPSD DC Supply cable	002-060	-
RPSD IEC to IEC Mains Lead	AH2262	-

**METERPOD:**

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	AB2084	5
Screw M6 x 12mm SKT Hex Black (Grub)	AB2087	3
Screw M4 x 12mm CSK Hex Black	AB2086	10

**Miscellaneous:**

GL3000-824/816 Packing assembly	002-098	-
GL3000-840 /32 Packing assembly	002-100	-
Flex cable 12 way 90mm	AH2228	5
Flex socket 12 way 90deg	AL2226	-
Flex socket 12 way straight	AL2227	-
Ferrite Bead Axial	AF0610	-