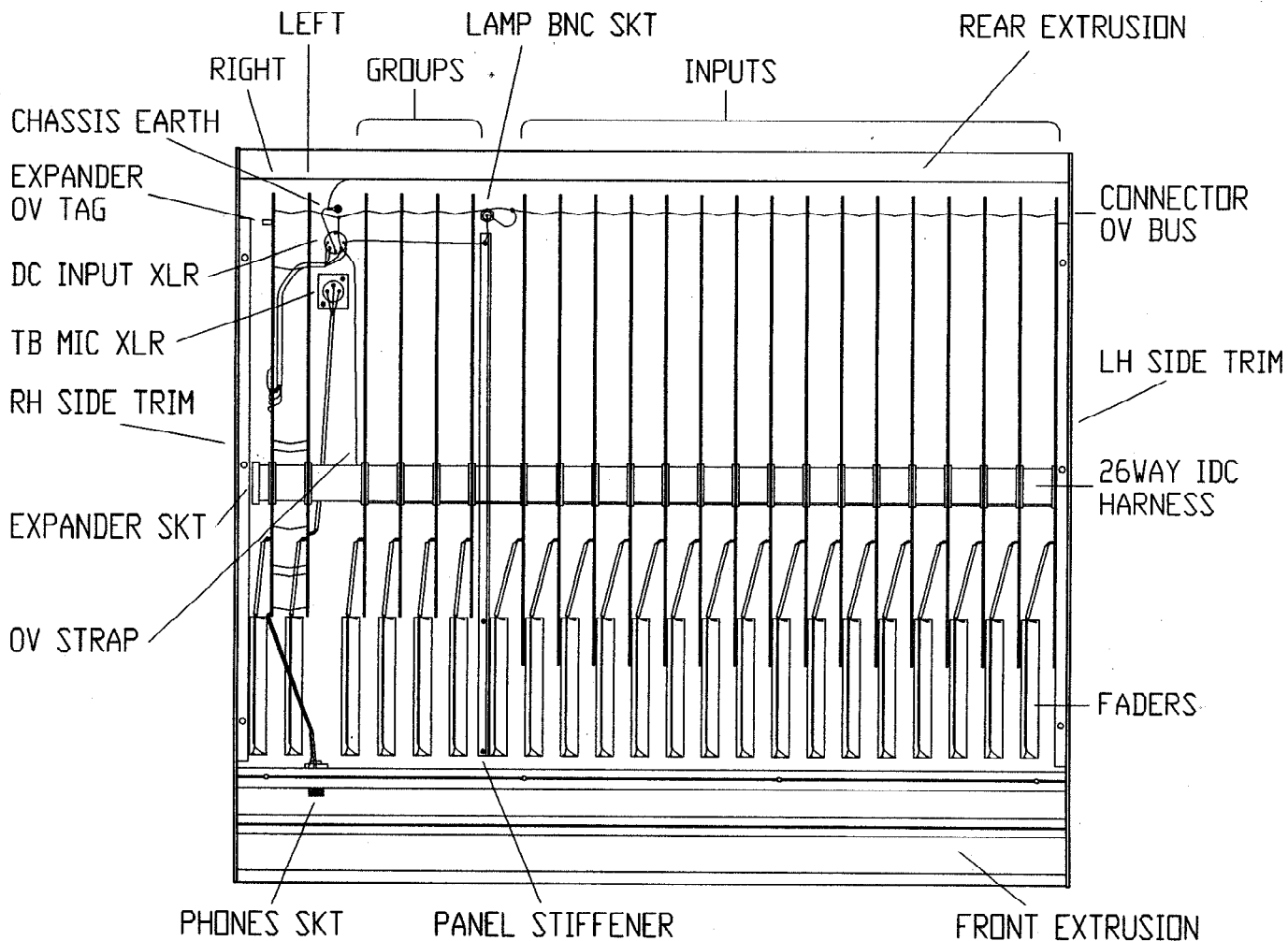


# ORDERING SPARE PARTS

This section provides information for identifying and ordering spare or replacement parts for the **GL3** console. The diagram below identifies the major components.



**ORDERING A CONSOLE** To order a new console please specify the model number and power supply AC mains voltage required.

MODEL	DESCRIPTION	ORDER CODE
GL3-16	16 channel console + PSU (volts?)	ZZ-L3-001
GL3-24	24 channel console + PSU (volts?)	ZZ-L3-002
GL3-X4	8 channel expander kit	ZZ-L3-003

## MANUALS AND SUPPORT DOCUMENTATION

GL3 User Guide	AP0150
GL3 Service Manual	AP0152
GL3-X4 Expander Instructions	AP0153

**SERVICE TOOLS** The tools required to service the GL3 range of consoles are standard to an electronics service workshop and are easily obtainable. The following items are necessary for full 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, 8B)	AT0002
10mm Nutdriver (potentiometer nuts)	AT0003
15mm Nutdriver (jack nuts)	

**ORDERING AN ASSEMBLY** The following assemblies are supplied fully tested. Please note that the GROUP circuit assembly needs to be assigned according to its intended position in the console. This is done by soldering wire links. Please refer to the GROUP circuit diagram. It is best to check the assignment settings of the assembly you are replacing before removing it from the console.

**Circuit assemblies:**

GL3	Input channel Circuit assembly		ZX000-803
GL3	Group Circuit assembly	(assign)	ZX000-804
GL3	Left Circuit assembly		ZX000-805
GL3	Right Circuit assembly		ZX000-806

**26way IDC connector harnesses:**

416 Main Harness	ZX000-313	<i>AL0570</i>
424 Main Harness	ZX000-319	<i>AL0572</i>
Extender Main Harness	ZX000-314	<i>AL0571</i>

**POWER SUPPLY ASSEMBLIES** The **MPS9G** power supply unit is standard for the **GL3** range. This is identified by a green dot on its chassis front and a serial number beginning with **G...** Although the standard **MPS9** unit will work with the **GL3** it does not provide the separate mains earthing of the panel as does the 'G' version. Please quote the model and serial numbers of the console.

MPS9G	Power supply unit 220/240V complete	ZS700-711
MPS9G	Power supply unit 110V complete	ZS700-712
MPS9G	Circuit assembly	ZS700-012

**THE CHASSIS TRIM**

Left and right side trims	AA1156L/R
Side trim bracket	AA1159
416 Chassis extrusion (armrest/rear)	AA1133
424 Chassis extrusion (armrest/rear)	AA1134
X4 Chassis extrusion (armrest/rear)	AA1143
416 Base plate	AA1157
X4 Base plate	AA1158

**ORDERING A SPARES KIT**

It is recommended that the standard kit of parts order code **ZX000-315** is held and maintained by the service agent to enable in-field service repairs to this range of consoles by component replacement independent of the ALLEN & HEATH factory. This component kit is supplied in a cabinet of drawers. Commonly available items such as resistors, capacitors, tools and soldering equipment are not included. A **TOP-UP KIT** order code **ZX000-316** is available for service agents who already stock a spares kit for the **GS3** range.

Individual spare parts from the following list may be ordered. Please quote the description and order code for the part required.

DESCRIPTION	TOP-UP SPARES KIT (ZX000-316)		
	STANDARD SPARES KIT (ZX000-315)	ORDER CODE	QTY
<b>Fader parts:</b>			
Fader - Alps 100mm travel, 10k ohm log	AI0144	6	-
Fader knob - 11mm wide, white	AJ0384	6	-
Fader knob - 11mm wide, red	AJ0341	2	2
Fader knob - 11mm wide, yellow	AJ0386	2	2
Fader screw - M3 x 8mm CSK	AB0074	10	10
Fader spacer - M3 plastic locking	AB0331	10	10
<b>Fixings:</b>			
Countersunk M6 HEX bolt (side trim fixing)	AB0310	6	6
Pan 8B screw (side trim fixing)	AB0333	6	6
Pan 6AB screw (base fixing)	AB0170	10	-
Pan 4AB screw (XLR, phono fixing)	AB0057	6	-
Pan M4 x 5mm screw (expander catchplate fixing)	AB0261	6	-
Pan M4 x 8mm screw (expander base fixing)	AB0313	6	-
M6 joining stud (expander extrusion fixing)	AB0325	6	-
Expander catchplate	AB0336	2	2

## Knobs and caps:

Rotary knob - small grey	AJ0058	10	-
Rotary knob - large grey	AJ0181	2	2
Cap - C151 Yellow + black line	AJ0387	2	2
Cap - C111 Yellow + black line	AJ0062	10	10
Cap - C111 Red + white line	AJ0063	10	-
Cap - C111 Brown + white line	AJ0065	10	-
Cap - C111 Blue + white line	AJ0066	10	-
Cap - C111 Grey + black line	AJ0064	10	-
Cap - C111 Green + white line	AJ0061	10	-
Square Red 12.5mm (Talk)	AJ0300	2	-
Rectangular Grey 10x5mm	AJ0093	6	-
Rectangular White 10x5mm	AJ0094	6	-
Rectangular Red 10x5mm	AJ0095	6	-
Square Grey 5mm (routing)	AJ0363	6	-
Square White 5mm (L-R)	AJ0373	6	-
Square Red 5mm (+48V, mode)	AJ0364	6	-

## Potentiometers, switches and connectors:

10kC+10kA AHB-11 (Chan GAIN)	AI0061	2	-
10kBcc AHB-1 (PAN)	AI0051	2	-
100kCx2 AHB-15 (Chan MF sweep)	AI0130	2	2
100kBcc AHB-2 (Chan HF & LF)	AI0052	2	-
100kAx2 dual AHB-6 (FX SENDS)	AI0056	2	-
100kA AHB-4 (Chan AUX sends)	AI0054	2	-
10kAx2 AHB-18 (RETURN GAIN, 2-TRACK, MONITOR)	AI0119	2	-
10kA AHB-16 (AUX masters)	AI0131	2	-
10kC AHB-3	AI0053	2	2
4PCO latching (MUTE)	AL0333	2	2
2PCO latching (general)	AL0162	6	-
Jack socket stereo switched	AL0009	2	-
3-pin XLR Female 90deg PCB (MIC)	AL0502	2	-
3-pin XLR Male 90deg PCB (Outputs)	AL0557	2	2
Phono socket dual	AL0556	1	1
5-pin XLR chassis male (DC INPUT)	AL0017	-	-
BNC insulated (Lamp)	AL0568	-	-

## LEDs and Semiconductors:

T1 round - Red	AE0086	2	-
T1 round - Yellow	AE0084	2	-
T1 round - Green	AE0085	2	2
5 segment bar - Red + Green	AE0317	2	-
5 segment bar - Green	AE0318	2	-
TL072P Dual Operational Amplifier	AE0046	10	-
NE5532 Dual Operational Amplifier	AE0221	10	-
4053B CMOS triple 2 Chan Multiplexer	AE0117	-	-
LM339 Quad comparator (BG meters)	AE0071	2	-
BC549 NPN general purpose	AE0020	10	-
BC214C PNP	AE0031	10	-
2N4403 PNP low noise (MIC pre-amp)	AE0273	10	-
SSM2142 balanced driver (AUX BALANCE OPTION)	AE0302	6	6

## MPS9 POWER SUPPLY

Mains fuse 1 Amp T 20x5mm (UK, EUROPE)	AL0305	6	-
Mains fuse 3 Amp T 1 1/4" (USA, JAPAN)	AL0315	6	-
Fuse insert 20x5mm (UK, EUROPE)	AL0314	1	-
Fuse insert 1 1/4" (USA, JAPAN)	AL0313	1	-
Fuse holder (universal)	AL0312	-	-
Torroidal transformer A117	AM0023	-	-
Bridge rectifier 3 Amp	AE0206	1	-
IC regulator +15V 7815	AE0047	2	-
IC regulator -15V 7915	AE0048	2	-
IC regulator +48V 783	AE0214	1	-
IC insulating kit (washer+bush)	AA0693	6	-
5-pin XLR female inline	AL0049	-	-
MPS9 Label write-on	AN0204	-	-
4AB Pan screw (cover to chassis)	AB0057	10	-
M3 Pan Taptite screw (cover to h/sink)	AB0071	6	-