

ALLEN & HEATH SABER MANUAL SERIAL No. M32000 ONWARDS

1.5 Accessories and Options

Items for consoles serial no. M32000 onwards

	Description	Order Code
M310-1	Input Module	ZX300-704
M310-1X	Input Module	ZX300-705
The above modules are compatible with and replace M310 and M310X modules. Except for consoles Serial Number M31000-199 (see list below)		
M360	Stereo input module	ZX300-706
M330	Group module (dual group)	ZX300-708
M335	Dual Monitor	ZX300-709
M326	P.A. Matrix output module	ZX300-711
M350	Recording master module	ZX300-712
M355	Live sound master module	ZX300-713
	Single module blank	ZX300-074
	4 way module blank	ZX300-049
M301	8 way input connector panel	ZX300-004
M301PB	8 way input connector panel for PB	ZX300-055
M306	4 way stereo input connector panel	ZX300-058
M306PB	4 way stereo input connector panel for PB	ZX300-124
M307	4 way input connector panel	ZX300-066
M307PB	4 way input connector panel for PB	ZX300-067
M308	4 way dual monitor connector panel	ZX300-071
M308PB	4 way dual monitor connector panel for PB	ZX300
RPS4	Rack mounting power supply 240V	ZX300-715
	8 way connector blank panel	ZX300-060
	Service Manual	AP0103

Items for console serial no. M31000 - 199

M310	Input module	ZX300-601
M310X	Input module	ZX300-602
M360	Stereo input module	ZX300-609
M320	Group module (single group)	ZX300-603
M330	Group module (dual group)	ZX300-604
M335	Dual monitor	ZX300-621
M325	P.A. output module	ZX300-606
M350	Recording master module	ZX300-605
M355	Live sound master module	ZX300-616
RPS3	Rack mount power supply	ZX300-607
	Service Manual	AP0083 iss.2

Orders for individual modules MUST be accompanied by the serial number of the console.

When ordering individual modules give the function number of the module eg input 25, so that the correct numbered mute buttons may be fitted. For the service - return of complete modules a custom packing carton is available on request for a small charge.

1.6 Ordering Spare Parts

1. Standard Saber Spares Kit: Order Code - **Saber Standard Spares Issue 2 ZX300-068**. All items listed below are included in a cabinet of drawers. The purpose is to enable in-field service repairs to recording and live sound versions by component replacement independent of Allen & Heath's factory. Common resistors, capacitors and soldering equipment are not supplied.
2. Individual spare parts from the list may be ordered. Please include order reference code for the part required.
3. This list replaces the list in the owner manuals dated October 1988, and is suitable for all Saber units produced.

Description	Order Code	Qty
Fader, Alps 100 mm, 10k, log	AI0091	5
Fader Knob	AJ0048	5
Fader Screw, M3 CSK	AB0215	10
Module		
Fixing Screws - Countersunk Head 6AB	AB0195	10
Pan Head 6AB	AB0170	10
Spire Clip (Nut clip) 6AB	AB0258	10
Pan Head 4AB, module assembly	AB0057	10
Joint block, Nylon, A138	AB0253	5
Pots		
- STEREO GAIN, Alps 10k A x 2 AHB 18	AI0119 (+ Nut)	5
- GAIN, Alps 10k C AHB 3	AI0053 (+ Nut)	5
- LEVEL, Alps 100k AHB 4	AI0054 (+ Nut)	5
- STEREO LEVEL, Alps 100k A x 2 AHB 5	AI0055 (+ Nut)	5
- HF, LF, EQ, Alps, 100k B, CC AHB 2	AI0052 (+ Nut)	5
- MF, SWEEP, Alps, 100k C x 2, AHB 15	AI0130 (+ Nut)	5
- LEVEL, Alps 10k A, AHB 16	AI0131 (+ Nut)	5
- PAN, Alps 10k B, CC AHB 1	AI0051 (+ Nut)	5
- STEREO HF, LF Alps 100k B CC x 2 AHB 12	AI0118 (+ Nut)	5
- BALANCE Alps 10k B CC x 2 AHB 17	AI0117 (+ Nut)	5
Knobs		
- Knob Body, TP110-006 Grey	AJ0058	10
- Knob Cap - RED C111	AJ0063	10
- GREY C111	AJ0064	10
- GREEN C111	AJ0061	10
- BLUE C111	AJ0066	10
VU Meter Complete, SQ10 Type	AD0011	2
VU Meter Lamp Complete, SQ10 Type	AD0013	10
* Jack Socket, 1/4" 3-pole, switched, metal bush	AL0369	5
Mute processor Battery, NICAD 3.6V, MP3	AP0019	1
Tools		
Ring Spanner M6 (10mm AF)	AT0003	1
Screw Driver No. 2	AT0002	1
Screw Driver No. 1	AT0004	1

* Plug Socket 27 (Dist) AL

AL0437

ALLEN & HEATH SABER SERVICE MANUAL SERIAL NO M32000 ONWARDS

Description		Order Code	Qty
Switches	MUTE, PCB 2PC0, momentary	AL0374	5
	GENERAL, PCB 2PC0, latched	AL0162	5
	GENERAL, PCB 4PC0, latched	AL0333	5
	GENERAL, PCB 6PC0, latched	AL0354	5
LEDs	T1 Single RED	AE0086	5
	T1 Single YELLOW	AE0084	5
	Display, 10 Green	AE0257	1
	Display, 7 Red, 3 Green	AE0258	1
ICs	TL072P Dual Operational Amplifier	AE0046	10
	NE5532 Dual Operational Amplifier	AE0221	10
	4051B CMOS Gate	AE0118	5
	4052B CMOS Gate	AE0139	5
	4066B CMOS Gate	AE0116	5
	4071B CMOS Gate	AE0251	2
	4099B CMOS Gate	AE0238	2
	4518B CMOS Gate	AE0259	2
	LM3915 LED Driver	AE0136	2
	6N136 Opto isolator	AE0222	1
	LM339 Quad Comparator	AE0071	2
Resistor	22 ohm 1/4W 5%	AC0004	10
Transistors	ZTX109C NPN general purpose	AE0020	10
	BC214C PNP low noise	AE0031	10
	J111 FET	AE0083	5
	BC637 NPN	AE0068	5
	BC638 PNP	AE0037	5
	2N4403 PNP ultra low noise	AE0273	3
Diode	Zener, 5.6V 400 mW	AE0012	5
Fuses	20 x 5 mm AC 1.6A Anti-surge 220/240V	AL0466	5
	20 x 5 mm AC 6.3A Anti-surge	AL0395	5
	20 x 5 mm DC 0.5A Anti-surge	AL0297	5
	20 x 5 mm AC 8.0A Anti-surge	AL0487	5
User Option -	Jumper links	AL0334	5
Service Extender	50 way	ZX300 114	1

Additional Items (Not included with Standard Spares)

Complete tested PCB Assemblies

LED Bargraph master PCB	ZX100 079
LED Bargraph Display + Rectifier combination	ZX100 078 + ZX100 077
RPS4 regulator PCB \pm 16V 5A DC	ZX300 075
Mute processor PCB	ZX300 054