

GL3000

EXPANDER



8 CHANNEL MONO MODULE 4 MONO + 4 STEREO MODULE

PART NO: GL3000-8M 8 CHANNEL MONO MODULE
PART NO: GL3000-4SM 4 MONO + 4 STEREO MODULE


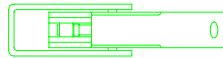



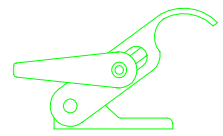









FITTING INSTRUCTIONS

INTRODUCTION

The GL3000-8M and GL3000-4SM are an 8 channel mono input module and a 4 mono + 4 stereo input module respectively for fitting to the GL3000 series of consoles. These expander modules allow a GL3000 console to be expanded up to a maximum of 40 channels.

Please read the following instructions carefully before attempting to fit the module.

- 1 Check contents of pack to ensure all parts have been supplied.

 A PART NO. AB0336 QUANTITY 2 CATCHPLATE	 B PART NO. AB0335 QUANTITY 2 AJUSTABLE FASTENER	 C PART NO. AB2421 QUANTITY 1 SCREW M6X8 SKT HEX	 D PART NO. AB2304 QUANTITY 3 SCREW M3X8 HEX
 E PART NO. AB2084 QUANTITY 10 SCREW 6BX5/16	 F PART NO. AB0271 QUANTITY 4 SCREW M4X10	 G PART NO. AB0062 QUANTITY 4 SCREW 6ABX3/8	 H PART NO. AB0325 QUANTITY 4 STUD M6X38.5
 I PART NO. AB2406 QUANTITY 1 STUD SLOTTED	 J PART NO. AB2406 QUANTITY 1 STUD SLOTTED	 K PART NO.s AK2365 AK2398 AK2542 QUANTITY 1 IDENT STRIP	 L PART NO. AB0102 QUANTITY 3 NUT LOCK M3
 M PART NO.s AA2404 QUANTITY 1 BASE BRACKET	 N PART NO. AB2085 QUANTITY 6 SREW 8BX3/8 CSK	 O PART NO. AB0188 QUANTITY 4 NUT LOCK M4	

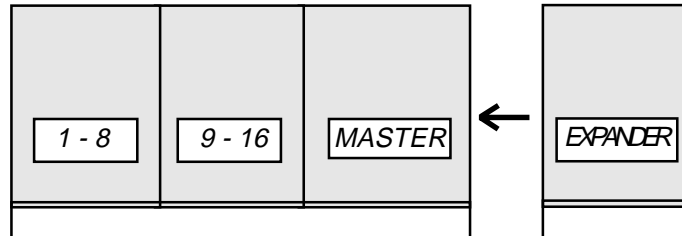
THESE FITTING INSTRUCTIONS

PART NO.s 002-103 or 002-104
 QUANTITY 1

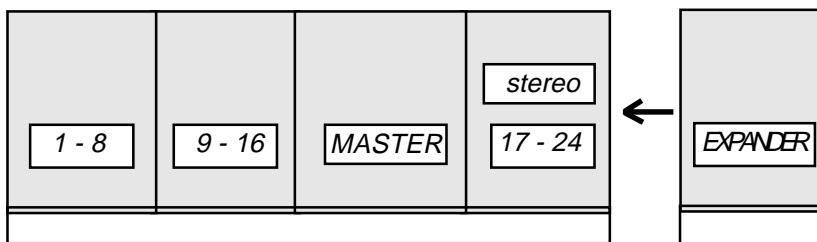
EXPANDER POSITIONING

2 The Expander module must be fitted in the position shown in the diagrams below.

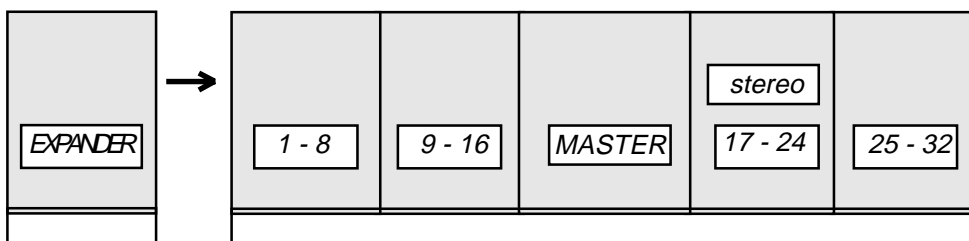
GL3000-816 + Expander



GL3000-824S + Expander



GL3000-832S + Expander



TOOLS REQUIRED:

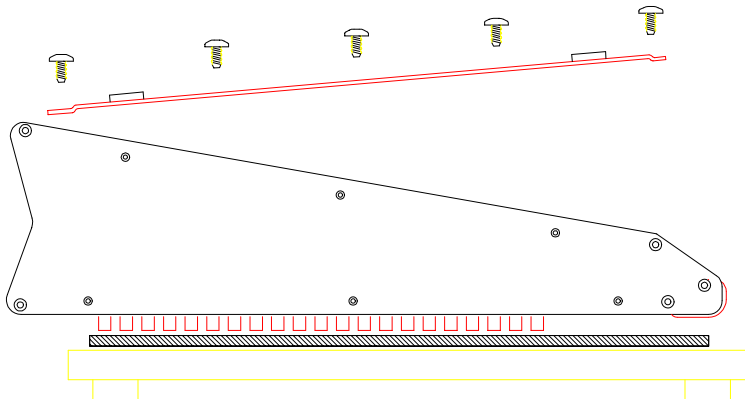
The following tools are required to fit the expander module.

- 1x 3mm Hex key
- 1x 4mm Hex key
- 1x 1-point Pozi screwdriver
- 1x flat point screwdriver
- 1x long nose pliers
- 2x 5.5mm AF spanner

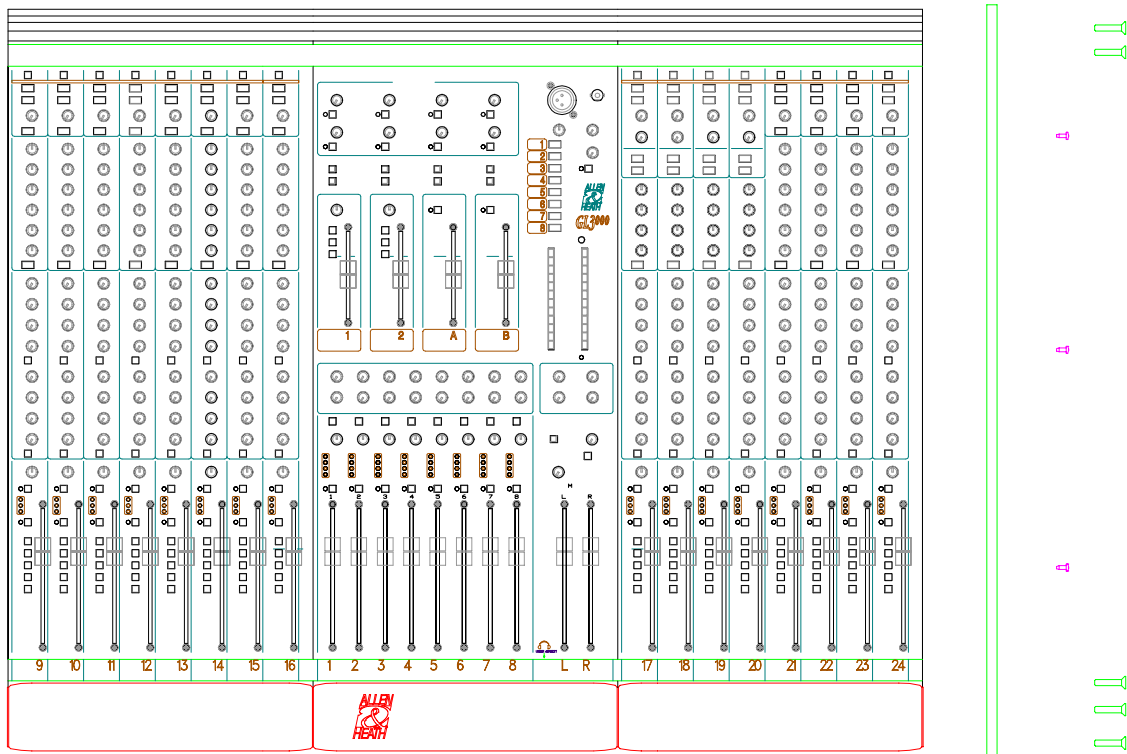
INSTALLATION

Only technically competent personnel should attempt to fit the expander module
Disconnect GL3000 from Power Supply Unit and cables before fitting the module

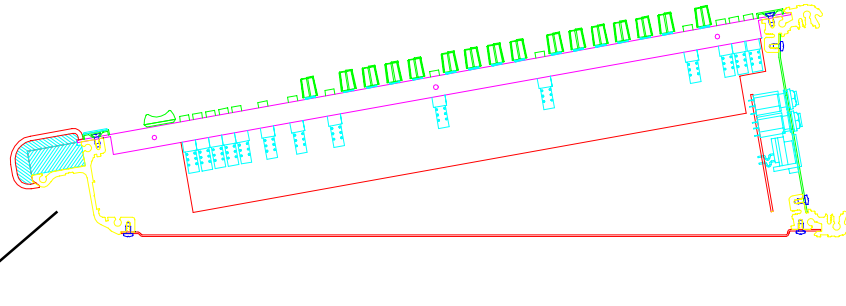
- 3 Ensure you have a good work surface and clear area before starting work. Remove the optional Meterbridge if fitted. Carefully invert the console and remove base panel.



- 4 Remove the side trim from the side of the console that is to have the expander fitted and fix it to the side of the expander module.

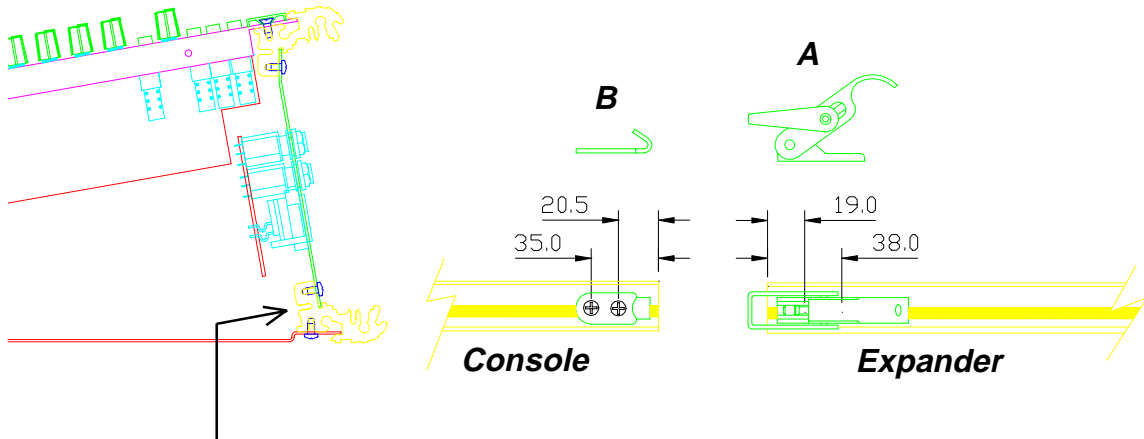


- 5 Attach the adjustable fastener 'A' and catchplate 'B' to the front extrusion of the console and expander using screws 'F' and nuts 'M'. The mounting holes are located under the front armrest of each unit and are pre-drilled for the adjustable fastener and catchplate.



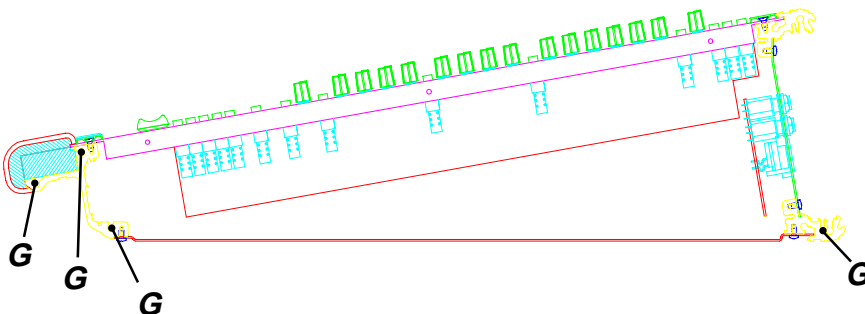
Attach adjustable fastener 'A' and catchplate 'B'

- 6 Attach the second adjustable fastener 'A' and catchplate 'B' to the rear extrusions using 4 screws 'P' in the positions indicated below. Use the dimensions below to position the fixing screws.

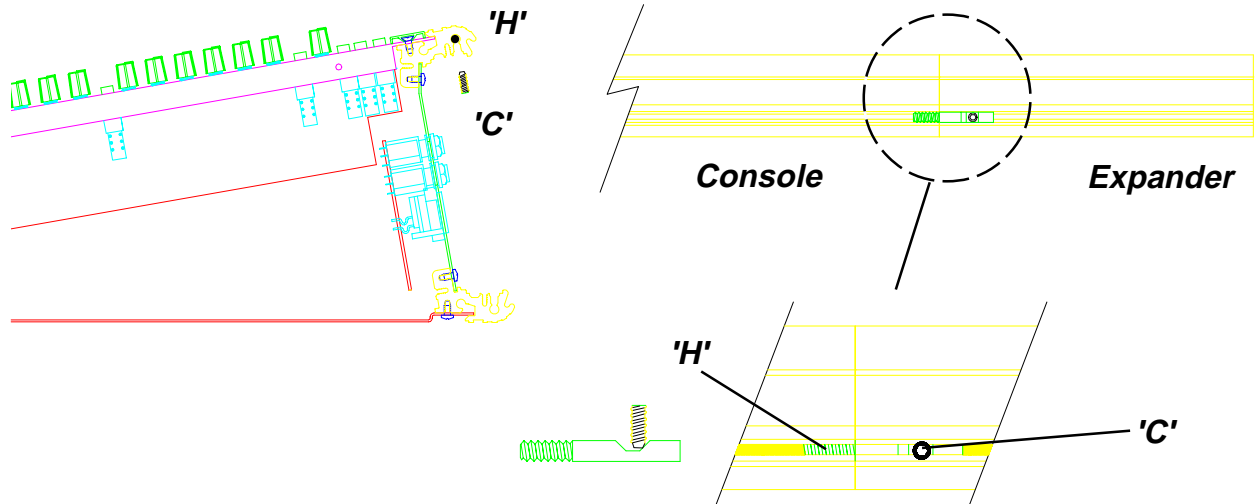


Attach adjustable fastener 'A' and catchplate 'B'

- 7 Screw the 4 plain studs 'G' into the extrusion holes of the console as shown below.



- 8 Screw the slotted stud **'H'** into the top rear extrusion of the console. Slide the expander module onto the 5 studs and close the 2 adjustable fasteners **'A'** over the catchplates **'B'**, see 3 & 4. The fasteners can be adjusted to ensure a good join. Screw in the locking screw **'C'** into the pre-tapped hole. Make sure the locking screw **'C'** engages with the flat of the slotted stud **'H'**, see diagram below.

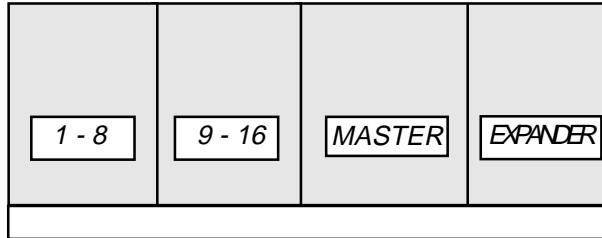


- 9 With the expander module and console securely clamped together, bolt the expander and console front panels together with bolts **'D'** and nuts **'J'** using two 5.5mm spanners.
- 10 Attach the base panel Joining bracket **'N'** to the console base using screws **'E'**.
- 11 Disconnect the main harness from the end input circuit board on the console. Connect the male connector on the expander harness to the console main harness. Re-connect the end Input circuit board with the extra connector on the expander harness.
- 12 Place the console base panel onto the console and attach the expander base to the Joining bracket **'N'** using screws **'E'**. Then screw the base assembly to the console and expander.
- 13 Carefully turn the console the correct way up and fit the new number strips. Refer to the section **'NUMBER STRIP POSITIONING'** on the next page for details on fitting the strips to the expanded console.

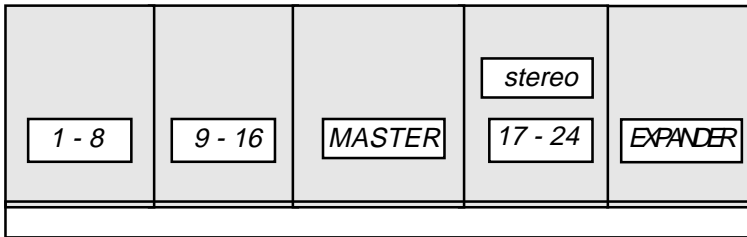
NUMBER STRIP POSITIONING

14 A complete set of number strips 'K' is supplied with the Expander kit. The existing number strip on the console can be replaced with the new set. The diagrams below show the combination of strips to be fitted to the expanded consoles.

GL3000-816 + Expander

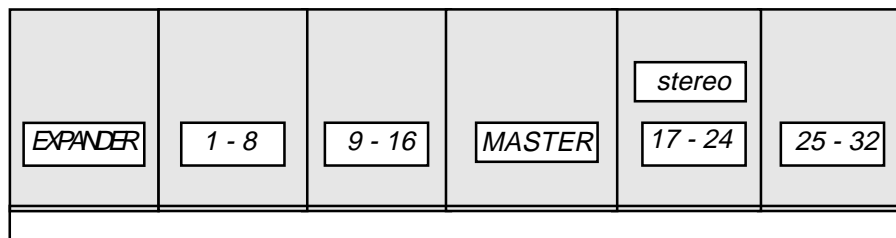


GL3000-824S + Expander



cut off numbers 33-40

GL3000-832S + Expander



TESTING THE CONSOLE

The fitting of the expander module is now complete. Before re-plugging the console, apply power and check for correct operation e.g. mute & PFL LEDs illuminate.

Should you experience any difficulties in fitting this module or have any queries regarding your **GL3000** console please contact your **ALLEN & HEATH** agent. Include the console serial number in any correspondence.

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