G Series
Master Studio System

Console Operator's Manual
Solid State Logic

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This document contains important information regarding the enhancements and additions provided since the introduction of G Plus Console Systems. It should be filed at the front of your G Series Console Operator’s Manual.
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Introduction

Solid State Logic’s G Series Consoles have continually set the standard in audio production, becoming the measure by which all other systems are judged. As recording needs have changed and evolved, so SSL has enhanced G Series to keep it at the cutting edge of console technology.

What is a G Plus console?
The G Plus range of consoles incorporates as standard many advanced features previously only available as specialist options. Added to that are some entirely new features, designed to meet the evolving needs of modern audio production.

The features provided by G Plus have been instigated and proven by leading G Series users, leaving no doubt that they will be warmly welcomed by discerning audio engineers everywhere.

This document acts as a supplement to the G Series Console Operator’s Manual and, as such, should be filed at the front of the manual for easy access.
G Plus Features

In addition to the features described in the main part of this manual, G Plus console systems offer:


- **Push/Push switching for Aux Masters** – allow an entire Aux bus to be muted as easily as a single channel Aux send. See Section 9 of the G Series Console Operator’s Manual for more details.

- **Stereo Cue Normalling** – the Stereo Cue bus is now provided with dedicated outputs on the patch designated ECHO SENDS L and R. This makes use of the stereo bus for reverb sends easier and more logical.

- **Second Mini Loudspeaker output** – direct feed for a second pair of near-field speakers. Select MINI LS 1 or MINI LS 2 in the centre section. Level control for both outputs is provided by the single MINI LS control.

- **Wireless Talkback System** – remote activation of OMNI, CUES, OMNI + CUES talkback plus monitor DIM, via a PCM encoded infra-red handset. Lots of fun and batteries are included!

- **Listen Mic Post-compressor patch output** – the Listen Mic compressor is now available on the patchbay, designated COMP O/P. A great little fixed-parameter compressor for guitar overdubs.
Group Cross-normalling – simplifies the assignment of channels to a second 24-track or 48-track machines on consoles with 48 or more channels fitted. Group cross-normalling can be activated or de-activated according to the linking provided by DL connectors mounted behind the patchbay. When active, DL0C is linked to DL0A. To deactivate, link DL0C to DL0B. When group cross-normalling is in place, routing to Multitrack Bus 1 will also feed Group Output and Multitrack Send 25 etc., up to 32/64.

PPM Metering – a pair of peak reading meters, calibrated to normal digital mastering levels, are fitted in the centre section. These meter the console’s left and right main outputs.

Audio Phase Scope – provides a permanent display of amplitude and phase relationship of left and right main output signals. For further details, see the separate NTP manual supplied with each system.

LED Meter illumination – all mechanical meters are now fitted with LED illumination to provide a longer active life.

Redesigned Group and Main Mix Amps – even lower noise and extended LF frequency response.

Buffered Main Output distribution – allows the connection of any combination of professional, semi-professional or domestic mastering machines, without endangering the main record outputs.

SSL’s own Linear Crystal, Oxygen-free cable – designed to optimise audio performance.

Black Trim Strips – distinctive black anodised trim strips beneath the meter bridge help to distinguish G Plus consoles.
• **Automated Solo** – when the SOLO CUTS TO COMPUTER button in the centre section is selected, Cuts activated by Channel and Group Solo selections will be written to the mix.

• **Video Switcher** – allows a single monitor to switch between G Series computer or Total Recall™ displays, and up to four external composite sources. See Page 4-24 of the G Series Console Operator’s Manual for more details.

• **3.5" Disk Drives** – for use with high capacity (1.44Mb) disks to provide low cost mix data storage. See the G Series Computer Operator’s Manual for more details.