The Meter Bridge

There are three different meter types available for use in the console:

**VU** - Standard VU meters with built-in high stability drive amplifiers for accurate readings that do not drift.

**PPM** - Black mechanical PPM meters which give a true peak reading. These are to BBC Standard.

**PLASMA BARGRAPHS** - Described in detail in the SL 651G section covering the meter select buttons (Page 4-18). This meter option provides a peak store, spectral display and switchable VU-PPM ballistics.

All the meters incorporate various led indicators:

**Input/Output Module Meters**

**TAPE** - Indicates that the meter is reading the TAPE Monitor signal.

**GROUP** - Indicates that the meter is reading the GROUP Monitor signal.

**RECORD** - When the track RECORD button is primed, a red indication lights (which can be driven from the multitrack tallies).

**VCA** - When the VCA’s master meter button is selected, the meter reads the channel VCA dc control voltage, giving an indication of the VCA level. The VCA indicator on the meter will illuminate to show this selection.

G Series consoles (and some modified E Series consoles) have a facility called "CHANNEL IN TO METERS". When this button (located in the centre section) is selected, the module meters read the channel signal, after the Mic/Line selection, and *not* the Tape or Group Monitor input.
Stereo Module Meters

L - Meter reads the Left channel signal.

> < - Meter reads the the greater of the Left and Right signals.

R - Meter reads the Right channel signal.

VCA - Meter is reading the channel fader VCA level.

Centre Section Meters

A total of eight meter housings are fitted above the centre section of the console.

If mechanical VU or PPM meters are fitted, they will be designated as follows:

LEFT FRONT
RIGHT FRONT
LEFT BACK
RIGHT BACK
MONO
PHASE
Two additional housings are fitted with indicators to show Monitor DIM, SOLO, LISTEN MIC and SLS selection.

If PLASMA meters are fitted, then a combination of these and mechanical meters is used:

The following four meters will be Plasma which have in-built indication of DIM, SOLO, LISTEN MIC and SLS:

**LEFT FRONT**  
**RIGHT FRONT**  
**LEFT BACK**  
**RIGHT BACK**

The following four meters will be VU (or optionally PPM):

**LEFT FRONT**  
**RIGHT FRONT**  
**MONO**  
**PHASE**
Auxiliary Meters

If these eight meters are fitted they are usually mounted above the patch. They display:

SLS  Left and Right
STEREO CUE  Left and Right
CUE/AUX  1, 2, 3 and 4