

# Specifications

GL3000 - 816



GL3000 - 824S



GL3000 - 832S



GL3000 - 840S



## Meterbridge



VU Meterbridge Option M24, M32, M40. The Aux busses can be internally linked to feed the VU meterbridge. This replaces the normal subgroup metering.

## RPS9



RPS9 Rack Mount PSU. Approved to SEMKO SS-EN 60 065 (safety) and EN 55 014 : 1993 (EMC)

## RPSD



RPSD Dual Supply Monitor. Connects 2 A&H PSU units to one console. Monitors voltage levels and voltage tolerance. Silent changeover plus engineers remote LED readout facility.

### CONNECTOR DETAILS

0dBu=0.775 Vrms, 0dBV = 1 Vrms, 0VU = +4dBu at XLR Outputs

|                   |           |                               |                           |
|-------------------|-----------|-------------------------------|---------------------------|
| Output Inserts    | 1/4" Jack | Unbalanced, Tip-Snd, Ring-Rtn | -2dBu, +21dBu max         |
| Channel Inserts   | 1/4" Jack | Unbalanced, Tip-Snd, Ring-Rtn | 0dBu, +21dBu max          |
| Stereo Return     | 1/4" Jack | Unbalanced,                   | >6k ohms -10dBV min       |
| 2 Track Return    | 1/4" Jack | Unbalanced,                   | >16k ohms -10dBV min      |
| 2 Track Send      | 1/4" Jack | Ground Compensated            | Variable +21dBu max       |
| Matrix Outputs    | 1/4" Jack | Ground Compensated            | -2dBu, +21dBu max         |
| (Matrix Outputs)  | 1/4" Jack | Balance Option, tip hot       | +4dBu, +27dBu max         |
| Aux Outputs 5-8   | 1/4" Jack | Ground Compensated            | -2dBu, +21dBu max         |
| Line Input        | 1/4" Jack | Balanced, tip hot, ring cold  | 10k ohms -40dBu to +10dBu |
| (Line Input)      | XLR       | Female, Balanced, pin 2 hot   | 10k ohms -40dBu to +10dBu |
| Mic Inputs        | XLR       | Female, Balanced, pin 2 hot   | 2k ohms -60dBu to -10dBu  |
| L, R, M Outputs   | XLR       | Male, Balanced, pin 2 hot     | +4dBu, +27dBu max         |
| Group Outputs 5-8 | XLR       | Male, Balanced, pin 2 hot     | +4dBu, +27dBu max         |
| Aux Outputs 1-4   | XLR       | Male, Balanced, pin 2 hot     | +4dBu, +27dBu max         |

### PERFORMANCE DETAILS

|                                    |  |           |       |
|------------------------------------|--|-----------|-------|
| <b>Frequency Response</b>          | Referenced to 1kHz @ +4dBu 20Hz to 30kHz |           |       |
| Line in to L-R Out, 5dB gain       | +0/-1dB                                  |           |       |
| Mic in to L-R Out, 40dB gain       | +0/-1dB                                  |           |       |
| <b>Distortion</b>                  |  |           |       |
| THD + Noise @ +14dBu 1kHz output   |  |           |       |
| Mic in to L-R Out 40dB             | 0.006%                                   |           |       |
| Line in to L-R Out 0dB             | 0.006%                                   |           |       |
| <b>Dynamic Range</b>               |  |           |       |
| Referred to driven channel @ 1kHz  |  |           |       |
| Adjacent channel                   | < -100dB                                 |           |       |
| Fader closed                       | < -90dB                                  |           |       |
| Mute on                            | < -80dB                                  |           |       |
| Parport isolation                  | < -70dB                                  |           |       |
| <b>Noise Performance</b>           | Measured RMS, 22kHz bandwidth            |           |       |
| Mic in EN (150 ohm source)         | < -128dB                                 |           |       |
| Line pre-amp, 0dB gain             | < -95dBu                                 |           |       |
| L-R residual noise                 | < -98dBu                                 | 102dB S/N |       |
| L-R faders '0', nothing routed     | < -90dBu                                 | 94dB S/N  |       |
| L-R mix noise (16 channels routed) | < -86dBu                                 | 96dB S/N  |       |
| Group mix noise                    | < -87dBu                                 | 97dB S/N  |       |
| <b>CMR</b>                         |  |           |       |
| Mic in, 40dB gain @ 1kHz           |  |           | >80dB |

### MECHANICAL DETAILS

|                 | UNPACKED (PACKED) MEASUREMENTS IN MM |           |           |                  |
|-----------------|--------------------------------------|-----------|-----------|------------------|
|                 | Width                                | Depth     | Height    | Weight in kg/lbs |
| GL3000-816      | 771 (1300)                           | 634 (750) | 176 (280) | 21/46 (31/68)    |
| GL3000-824S     | 1026 (1300)                          | 634 (750) | 176 (280) | 29/64 (38/84)    |
| GL3000-832S     | 1281 (1555)                          | 634 (750) | 176 (280) | 37/81 (50/110)   |
| GL3000-840S     | 1536 (1791)                          | 634 (750) | 176 (280) | 45/99 (65/143)   |
| 8M Expander     | 255 (470)                            | 634 (830) | 176 (260) | 8/18 (15/33)     |
| 4SM Expander    | 255 (470)                            | 634 (830) | 176 (260) | 8/18 (15/33)     |
| Meterbridge M24 | 1014 (1080)                          | 56 (130)  | 106 (230) | 4/9 (6/13)       |
| M32             | 1269 (1330)                          | 56 (130)  | 106 (230) | 5/11 (7/15)      |
| M40             | 1524 (1590)                          | 56 (130)  | 106 (230) | 6/13 (8/17)      |
| RPS9 19" 2U     | 482 (540)                            | 140 (270) | 96 (180)  | 6/13 (8/18)      |
| RPSD 19" 1U     | 482 (550)                            | 145 (380) | 45 (90)   | 2.5/5 (4/9)      |



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DEALER



The GL3000 complies with the European Directives for Electromagnetic Compatibility 89/336/EEC & 92/31/EEC



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