

FM/AM Signal Generator & Remote Controller



GSG-120 (MONO)

GRC-1201

GSG-122 (STEREO)

- * Freq Range 100kHz ~ 110MHz
- * Output Level -19 ~ +99 dBu
- * All Operations are Controlled by Microprocessor
- * Memory Stored from 10 Points in one Block can be up to 100 Continuous Points in Blocks and 4 Output Levels

- * Memory Data Copied
- * Back Space key
- * Remote Controlled
- * FM Stereo Modulation (GSG-122 only)

SPECIFICATIONS

| | | |
|----------------------------------|--|---|
| FREQUENCY | Range Display Resolution Accuracy | 100kHz ~ 110MHz 6 digits 0.5" LED display 100Hz (0.1 ~ 34.999MHz), 1kHz (35 ~ 110MHz) $\pm 5 \times 10^{-5} \pm 1$ count |
| OUTPUT | Range Display Resolution Attenuator Accuracy Spurious Impedance Frequency Response | -19dBu ~ +99dBu, 1dBu steps (0dB: 1mV for open end) 2 digits LED display 1dB 20 ~ 99dBu ± 1.5 dB 19dBu ~ -10dBu ± 2 dB, -11dBu ~ -19dBu ± 3 dB -30dB or less 50W (VSWR < 1.2). ± 1.5 dB |
| RESIDUAL MODULATION (S/N) | Post-Deflection BW FM Component AM Component | 50Hz ~ 20kHz <200Hz >50dB |
| MODULATION | Internal Modulation EXT Input Impedance | 400Hz, 1kHz, 3kHz, $\pm 3\%$ (GSG-120) 400Hz, 1kHz, $\pm 3\%$ (GSG-122) Approx. 10kW |
| FREQUENCY MOD. | Frequency Deviation Display Meter Accuracy Distortion (at 75kHz Deviation) EXT MOD. Freq. Response Separation Pilot Frequency | 0 ~ 100kHz 3 digits LED Display $\pm 10\%$ <0.1%, <0.05% (10.7, 65 ~ 110MHz) 20Hz ~ 100kHz ± 1 dB (REF 1kHz)(GSG-120) 50Hz ~ 15kHz ± 1 dB (REF 1kHz)(GSG-122) >55dB (GSG-122 only) 19kHz ± 2 Hz (GSG-122 only) |
| AMPLITUDE MOD. | MOD. Depth Display Accuracy Distortion (30% AM) EXT. Bandwidth Input Level Preset Function | 0 ~ 60% 3 digits LED display $\pm 5\%$ <0.5% (0.1 ~ 30MHz), <1.5% (30 ~ 110MHz) 20Hz ~ 10kHz ± 1.5 dB (REF 1kHz) 3Vp-p $\pm 2\%$ 100 sets Four presetting output levels can be stored |
| POWER SOURCE | | AC100V/120V 60Hz, 220V/240V $\pm 10\%$, 50/60Hz |
| ACCESSORIES | | Power cord x 1, Instruction manual x 1, GTL-110 x 1, Remote control GRC-1201(option) |
| DIMENSIONS & WEIGHT | | 430(W) x 110(H) x 250(D) mm, Approx. 6.5kg |

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ISO-9001 & ISO-14001