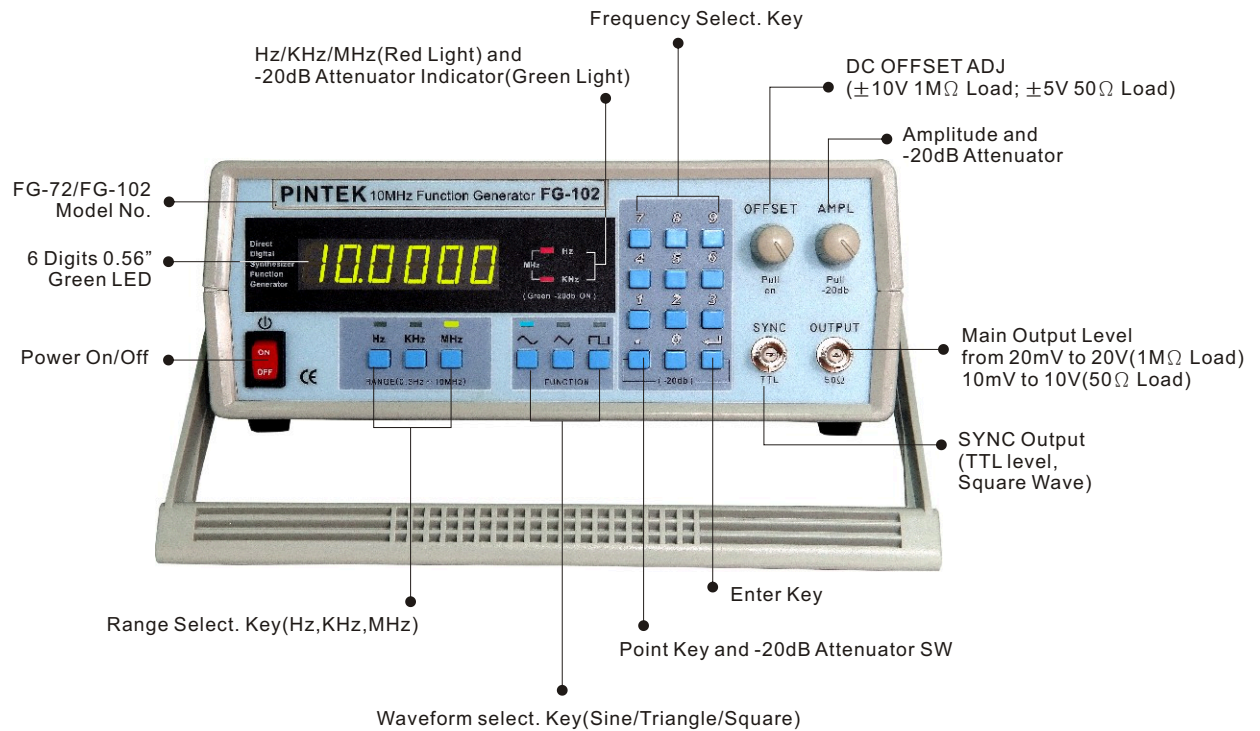


FG-72 / FG-102 DDS FUNCTION GENERATOR



SPECIFICATIONS:

| FUNCTION / MODEL | | FG-72 | FG-102 |
|------------------------------------|---------------------|---|-----------------------------------|
| Display | | 6 digits, 0.56" Green LED | |
| Frequency (Sine, Triangle, Square) | | 0.3 Hz ~ 7MHz | 0.3 Hz ~ 10MHz |
| Range Key | | 3 Range (Hz, KHz, MHz) Red LED | |
| Function Wave | | 3 Function (Sine, Triangle, Square) Blue LED | |
| Frequency | Stability | ± 10 PPM | |
| | Accuracy | ± 10 PPM + 1 digit | |
| | Aging | ± 1 PPM / year | |
| Sine Wave | Harmonic Distortion | -55 dB to 200KHz, -30 dB to 7MHz | -55 dB to 200KHz, -30 dB to 10MHz |
| | Flatness | ± 0.3dB to 1MHz, ± 3 dB to 7MHz | ± 0.3dB to 1MHz, ± 3 dB to 10MHz |
| Triangle Wave Linearity | | ≥ 98% to 100KHz, ≥ 90% to 7MHz | ≥ 98% to 100KHz, ≥ 90% to 10MHz |
| Square Wave | Symmetry | ± 2% to 100KHz, ± 10% to 7MHz | |
| | Rise Time | ≤ 25 ns | |
| SYNC Output | Level | ≥ 3V to 7MHz | ≥ 3V to 10MHz |
| | Rise Time | ≤ 25 ns | |
| Amplitude | Max. Level | 20Vp-p(1MΩ load), 10Vp-p(50Ω load) | |
| | Min. Level | 20mVp-p(1MΩ load), 10mVp-p(50Ω load) | |
| Attenuator | | -20dB x 2(-40dB) | |
| DC Offset | | Fix or ADJ(±10V at 1MΩ load, ±5V at 50Ω load) | |
| Attenuator | | -20dB x 2(-40dB) | |
| RS-232 or USB | | Built-in | |
| PC Control | | Frequency, Waveform, Attenuator x 1 | |
| Dimension / NET Weight | | 275(W) x 90(H) x 300(D) mm / 2.5 KG | |

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