



**BONN HUNGARY  
ELECTRONICS**

**SYNTHESIZED  
SIGNAL GENERATOR  
0.1 – 160 MHz**

**BGSJ  
Family  
NDS # 401**

an ISO 9001 Certified Company

- **HIGH RESOLUTION OF 100 Hz**
- **LOW PHASE NOISE**
- **DIGITAL SWEEP**



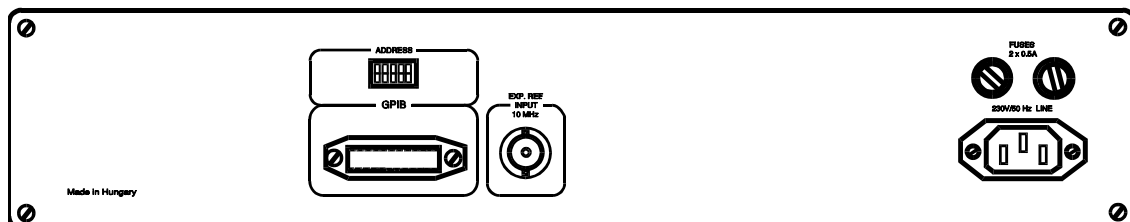
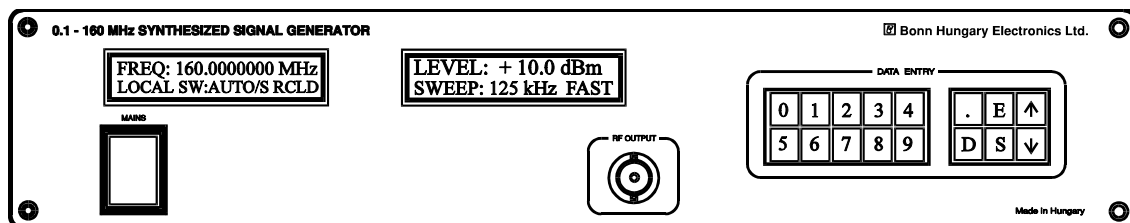
This synthesized signal generator is intended for use in test and measurement applications up to the VHF frequency range. Due to the high stability, low phase noise and fine frequency resolution of 100 Hz, this instrument can be used effectively to solve critical measurement tasks. All the control functions can be accessed from the front panel keypad or via the built-in IEEE-488 remote control bus. The instrument is housed in a 19" rack mountable cabinet to make system measurements easy.

**ELECTRICAL CHARACTERISTICS :**

Nominal Operating Frequency Range	0.1 to 160 MHz
Smallest Frequency Step	100 Hz
Frequency Stability	0.01 ppm/day
External Reference Frequency	5 or 10 MHz
External Reference Level	+10 ±3 dB
Ext. Ref. Input Connector	BNC-female
Auxiliary Output	10 MHz, 0 dBm
Frequency Selection	keypad
Remote Control	via IEEE-488
Non-volatile Memory	10 front panel settings
Display	two backlighted 2 x 16 character LCD display
Output Level	+10 dBm (two individual RF power outputs)
RF Output Connector	N-female
Flatness	±1 dB
Spurious	< -70 dBc
Harmonics	< -35 dBc
SSB Phase Noise @ 1 KHz	-100 dBc/Hz
Supply Voltage	230V/50 Hz AC
Operating temperature range	-30 to +85 °C
Mechanical Outline	19" rack mountable, 2U height, 255 mm deep

Specifications are subject to change without notice.

**FRONT and REAR VIEW:**



**BONN Elektronik**

**RF Systems, Instruments and Components**

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