

SYNTHESIZER/LEVEL GENERATOR

MG443B

10 Hz to 30 MHz

For Frequency Tracking with ML422C



GPIB

The MG443B is carefully designed. Its output level is highly stable, so it can be used for applications within the telecommunications industry without the need for a separate standard level meter.

Features

- Wide frequency range with 1 Hz resolution
- As many as 20 panel settings can be memorized; memory sweep capability
- High output level characteristics
Flatness: ± 0.07 dB (0° to $+50^\circ\text{C}$)
Level accuracy: ± 0.15 dB (0° to $+50^\circ\text{C}$)
- High precision output level setting of 0.01 dB
- Continuous output level variable within approximately 4.5 dB
- Variety of output impedances
Unbalanced: 50, 75 Ω
Balanced: 75, 135, 150, 600 Ω

SYNTHESIZED LEVEL GENERATOR

MG442A

10 Hz to 20 MHz

Compact and Lightweight



The MG442A is a compactly designed level generator with excellent stability and accuracy in frequency and output level. Because it is a synthesized level generator, its output frequency is highly stable. It has an excellent output level accuracy and a superb frequency response unrivaled by similar level generators.

The MG442A can be used for many applications as a measurement signal source where high frequency stability and level accuracy are required. The MG442A is best suited for use as a signal source for measuring baseband circuits from audio to video and various types of communications systems.

With its ease of operation and excellent portability, it can be utilized for many purposes as a fundamental measuring instrument in laboratories and manufacturing plants.

Features

- Universal output impedance
- Excellent operation: Digital frequency setting with 4 digits and output level with 3 digits
- Compact and lightweight