



# Quantek QG2000 DAB Signal Generator

Quantek QG2000 is a WorldDMB Profile 1 compliant DAB/DAB+ signal generator. Thanks to QG2000's simple architecture, compact size and low cost, it is an ideal solution for DAB/DAB+ receivers' testing, development, and production.

## Key Features:

- Supports DAB/DAB+/DMB protocol
- Supports Band III(174MHz~262MHz)
- RF output power range: +5dBm~-60dBm
- PC software operations
- Easy installation of ETI files

## Specifications:

- Output frequency range: 174~262MHz
- RF output power range: +5dBm~-60dBm
- RF output impedance: 50 ohm
- RF output connector type: N female
- Power supply: 90~250VAC, 50~60Hz

## PC Operation System:

- MS-Windows XP
- MS-Windows 7 (64-bit, 32-bit)
- **Memory : 2G Bytes**

## Standard ETI Files package

Thanks to QG2000's simple and flexible architecture, it's easy to install newly acquired ETI files for DAB system testing and verification.

The standard ETI patterns which QG2000 provides are as follows:

- Basic patterns
  - A. DAB/DAB+ Tone Test: Services with different tone frequency and sampling rate
  - B. DAB+ AAC Bit rate Test
  - C. Live DAB: DAB (UK BBC), DAB+: (Australia ABC)

- Advanced Data Service
  - A. EPG (Australia, UK and Germany)
  - B. TPEG (UK, Germany)
  - C. Journaline (Germany)
  - D. Slideshow (HK, Germany and Australia)
  - E. DLS
  - F. DL+ (Germany)

**Dimension:**

- width: 300mm
- high: 70mm (include foot 10mm)
- depth: 220mm(include connector 20mm)

