

# GOLDENEAGLE DAB/DAB+/T-DMB

## Signal Monitoring & Remote Control for DAB/DAB+/T-DMB Radio networks

Audemat's GOLDENEAGLE DAB/DAB+/T-DMB Monitor is an affordable solution for stand alone DAB, DAB+, T-DMB Monitoring at the transmitter site or in the coverage area. Automatically checking its RF inputs, the unit continuously ensures that your DAB, DAB+ or T-DMB network complies with your expectations.

With its Ethernet interface, the GOLDENEAGLE DAB/DAB+/T-DMB Monitor can be controlled remotely using the user-friendly software or an SNMP-Based network software such as Broadcast Manager. It can also be controlled locally thanks to the touchscreen on front panel.

### Advanced Signal Monitoring

- Automatic band scanning
- Track real-time status of your signal 24/7/365 - receive alerts of potential sources of interference
- The GOLDENEAGLE DAB/DAB+/T-DMB Monitor can continuously monitor an RF signal (coming from a monitoring output, a probe...)
- Monitor Version enables monitoring of single channel
- Standard Version enables monitoring of up to 20 channels
- Alarm management and monitoring for all main RF and DAB parameters:
  - » RF (RF levels, SNR, DAB Mode, Null length, Frequency Offset, OFDM Lock)
  - » DAB Services (Component type, Component name, TMId ASCTY, P/S flag, DSCTY, CA flag, language, SubCh ID, SCID, FIDC ID, SCID, StartCU, Size, Bitrate, Protection level...)
  - » Error rates: FIC, CRC, MSC Error, Total Error, BER

Instant notification of any out-of-tolerance condition via SNMP trap and email dispatch

### Real time & Recorded Measurements

At-a-glance status view provides overview of all monitored stations

Real-time remote measurement, focused on a selected station

Recorded measurements and logs enabling export for further analysis

All measurement values stored for 30 days for trend analysis

Export data in csv format for further analysis

Real-time Audio streaming to your desktop enables remote listening

### Extensive Local & Remote Control

LCD touchscreen on front panel (standard on Monitor Version, Optional on Standard Version)

User Friendly Software Interface

Access, configure & control all equipment at the transmitter site with remote control over TCP/IP

ScriptEasy Software Suite including MasterView for advanced configuration and status visualization

Supplied with 1 relay output board (8 relays)

Optional extended transmitter remote control capabilities: 4 additional slots available for GPIO boards (max. 1 metering board)

Using TCP/IP, GOLDENEAGLE is compatible with any SNMP based Manager such as Broadcast Manager



Also Available...

## Navigator DAB/DAB+/T-DMB Mobile Metering for DAB Radio



Navigator DAB/DAB+/T-DMB has been designed to perform mobile measurement campaigns for DMB networks.

This handheld equipment can be used in a vehicle, or on foot (indoor or outdoor) and can be dedicated to a single channel (frequency) or for multiple channels (sequential measurement).

- Automatic scanning of DMB band to detect available multiplex channels
- View & analyze RF & data measurements in realtime
- Map-based field strength display
- Automatically log data with GPS position on internal hard disk
- Data export (Custom text file, Google Earth, MapPoint, LS Telcom...)
- Audio Streaming
- Goldeneye Quality Evaluation Software for detailed campaign analysis
- Designed for drive test, coverage analysis, quality analysis, R&D and maintenance