

INOmini 660

DAB / DAB+ Monitor/Receiver



The INOmini 660 is an off-air monitoring receiver for EBU-specified DAB and DAB+ digital radio broadcast transmissions. It provides high-quality confidence monitoring with both balanced analog and AES-digital program line outputs.

Important metadata that accompany the broadcast may be read in multiple menu levels on the front-panel display. The easy-to-read LCD screen also shows pertinent signal quality parameters and audio levels. Local alarms give visual alerts for RF signal loss, DAB loss and program audio loss, while rear-panel alarm 'tally' connections can trigger remote fault indicators or interface with remote-control and site-monitoring equipment.

The compact 1/3-rack form factor allows up to three units to be mounted together using an optional 1U rack-mount adapter.



5805 Hwy 9, Felton CA 95018
www.inovonicsbroadcast.com



FEATURE HIGHLIGHTS

- Receives EBU-specified Band III DAB and DAB+ broadcasts
- A bright LCD display shows essential signal parameters, demodulated audio levels, alarm conditions and program-related metadata
- L/R analog and AES digital program line outputs have menu-driven level controls
- Programmable alarms with tallies for Signal Loss, DAB Loss, Audio Loss.

SPECIFICATIONS

Tuning Range:

DAB Band III, Mode I (237.448MHz - 239.200MHz); all EBU-sanctioned frequency allocations (Blocks 5-12, A-D) plus Block 13 A-F

Receiver Sensitivity:

□10µV for error-free reception

Antenna Input:

75-ohm (BNC)

Audio Codecs:

MPEG-1 Audio Layer 2 (MP2); HE-AAC (AAC+)

Audio Response:

±0.25dB, 20Hz-20kHz

Signal Parameters Displayed:

FQ (FIC Quality), RF (RSSI), SNR, CNR

Metadata Displayed:

Ensemble Label, Component List & ID, Service List & ID, Dynamic Label, PTY, Sample Rate, Bit Rate, Gain, Mode, Service Mode, Protection Info, Current CU & Address, Country, Language, Time & Date

Analog Audio Outputs:

Balanced Analog L/R (XLR); level is menu-adjustable between -15dBu and +15dBu

Digital Audio Output:

AES3 (XLR), 44.1kHz sampling rate; audio level is menu-adjustable between -30dBFS and 0dBFS

Headphone Jack:

3.5mm TRS with menu-adjustable level

USB Connector:

Allows firmware updates

Alarm Tallies:

Individual open-collector NPN transistor outputs for Low Signal, DAB Loss, Audio Loss; menu-programmable alarm thresholds, delays and logic polarity

Power Requirement:

+12VDC at 220mA (2.1mm x 5.5mm coaxial); a universal inline switchmode power supply is provided

Mounting Options:

An optional rack adapter accepts up to three INOmini modules in a 1U rack space.

Size and Weight:

1.6"H x 5.5"W x 5.5"D
4 lbs shipping weight



(optional rack adapter)



5805 Hwy 9, Felton CA 95018
www.inovonicsbroadcast.com
sales@inovonicsbroadcast.com
 © Inovonics, Inc. April, 2017

