

INOmini 638

HD Radio® SiteStreamer™



The INOmini 638 SiteStreamer™ is a Web-enabled FM and HD Radio receiver for remote signal monitoring. Installed at a broadcast transmitter or translator site, or any remote location with an Internet connection, the 638 streams audio from single or multiple (sequenced) off-air sources, or from a hard-wired program audio feed, back to any computer, tablet, or mobile device.

A browser-accessed Web Interface enables remote tuning and source switching. The Web Interface also displays audio levels, signal metrics, RDS data that accompanies the FM program, and PAD data associated with HD Radio programming. The SiteStreamer™ logs all alarm conditions, and any or all failure alarms may be dispatched instantly by email or SMS/text messaging.



FEATURE HIGHLIGHTS

- Monitor your off-air analog-FM or HD Radio signal (HD1 – HD8) from any remote location
- Tunes the ‘extended’ FM band from 76MHz
- BandScanner™ gives a spectrum plot of all or part of the FM band
- ‘Station Rotation’ can monitor multiple stations sequentially
- AES digital AUX input can monitor hardwired audio program feeds (A/B between source and air)
- Full dynamic browser support of all operating features, including audio streaming through the dynamic Web Interface
- Sends instant error messages via email or SMS text; logs signal loss, audio loss, pilot loss, HD loss, and RDS errors (hijacking)
- Accurate front-panel and Web Interface program audio level display
- Easy setup and operation; full SNMP support

SPECIFICATIONS

Tuning Range:

76.0MHz – 108.0MHz in 100kHz steps

Antenna Input:

75-ohm ‘F’

Receiver Sensitivity:

≤10µV for 50dB monaural FM SNR

Audio Response:

FM: ±1dB, 30Hz – 15kHz;

75µs/50µs de-emphasis.

HD Radio: ±0.25dB, 20Hz – 20kHz

Program Line Input:

AES3 (XLR) digital AUX input accepts 32kHz, 44.1kHz, 48kHz sampling. Menu-selectable scaling for a ‘0-VU’ reference at digital signal levels of 0dBFS, –18dBFS, –20dBFS, –24dBFS.

Headphone Jack:

Front-panel (TRS) 3.5mm

Network Connection:

LAN (RJ45) jack accepts universal TCP/IP connection to Local Area Network, and via router to the Internet

Alarms:

Low Signal, Audio Loss, Pilot Loss, HD Loss, RDS Loss, or PI Mismatch

Power Requirement:

12VDC at 115mA (2.1mm x 5.5mm coaxial); inline switchmode power supply included.

Mounting Options:

An optional rack adapter mounts one, two, or three INOmini format units in a standard 19-inch, 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
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