

INOmini 636

NOAA Weather Receiver



The INOmini 636 is a full-featured NOAA weather receiver in a small-format package. It tunes all weather band frequencies and delivers balanced analog and AES digital audio with automatic intelligibility enhancement for monitoring and rebroadcast. The 636 responds to the 1050Hz Alert Tone and provides alarm outputs for 1050Hz, plus audio and RF loss.



5805 Hwy 9, Felton CA 95018
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636 NOAA WEATHER RECEIVER



FEATURE HIGHLIGHTS

- Tunes all 7 weather band frequencies, 162.40MHz to 162.55MHz
- Balanced analog audio outputs; AES digital audio output
- Alarm outputs for Low RF, Loss of Audio, 1050Hz Alert
- Front-panel audio level metering
- Responds to 1050Hz tone alerts
- Easy to set up and use
- Headphone jack

SPECIFICATIONS

Tuning Range:

162.40MHz - 162.55MHz in 25kHz steps

Antenna Input:

75-ohm 'F'

Receiver Sensitivity:

$\leq 10\mu\text{V}$ for 40dB SNR

Frequency Response:

Internally tailored to optimize speech intelligibility: -6dB/octave below 200Hz; -6dB/octave de-emphasis above 200Hz

Program Line Outputs:

1. Left and Right (XLR) balanced monaural outputs; +4dBu at $\pm 5\text{kHz}$ deviation
2. AES-digital (XLR) L/R monaural output; -7dBFS at $\pm 5\text{kHz}$ deviation

Alarm Tallies:

NPN transistor closures to ground for carrier loss, audio loss, and 1050Hz Alert Tone

Headphone Jack:

Front-panel (TRS) 3.5mm

Power Requirement:

12VDC at 170mA (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)



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