

# NOD-DTV SERIES MANUAL NOISE GENERATORS FOR DTV/HDTV FIELD TESTS



## DESCRIPTION:

Micronetics NOD-DTV series of manual noise generators are specifically designed for field testing terrestrial ATSC DTV signals.

The NOD-DTV noise instruments are portable, small and lightweight (less than 10lbs) and designed to provide accurate carrier-to-noise measurements in the lab, field or factory. An attenuator is included and calibrated at the connector, so there is no need to compensate for external control components.

## NOD-DTV SERIES OUTPUT CHARACTERISTICS

MODEL	FREQUENCY	FLATNESS	NOISE DENSITY	POWER
NOD-DTV	100 Hz to 1 Gz	2.0 dB	-80 dBm/Hz	+10 dBm

## How to Order

Base Model: **NOD-DTV-XX**

Output Connector \*:

A = N (f)  
B = BNC (f)  
C = SMA (f)

Output Location:

D = Front  
E = Back

\*Note: Connector type depends on impedance selected

Configuration Options: **NOD-DTVOPT-XX**

Option:

R01 = 75 Ohm Impedance

Example: To order a NOD-DTV with BNC output, connector in the back of the unit as a base model, and add a 75 Ohm impedance option, this would be two line items:

Item #	Model #	Qty
1	NOD-DTV-BE	1
2	NOD-DTV-OPT-R01	1

## SPECIFICATIONS:

- Operating Temp: 0 to +70°C
- Supply Voltage: 110VAC/60Hz  
or 220VAC/50Hz
- Temp Stability: 0.025 dB/°C
- Output Impedance: 50 ohm,
- Peak Factor: 5:1
- Attenuation: 110 dB,  
in 0.1db steps
- Dimensions: 10.5" x 11" x 4"
- Weight: <10 lbs. max.
- CE Compliant: To ISM 1-A

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