



**5 January 2005** – This contact update page has been added to the Acrobat document you have downloaded. Please disregard any contact information printed within the document.

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**Note:** Repairs and packages should be shipped to Suite 202

Phantom Powered  
Requires No Batteries  
Rugged  
Reliable  
Digital Noise  
Accurate Pinking Filter

# Model 155

## Digital Pink *NOISETUBE*

Model 155 Digital Pink *NOISETUBE*



## System Features

- ❖ Phantom Powered  
9 - 52 Volts
- ❖ Extremely Accurate  
Pinking Filter
- ❖ Long Digital Word  
Repeats ~47 Minutes
- ❖ Microphone Level  
Output -67dBu
- ❖ High Performance  
Low Distortion
- ❖ Economical and  
Reliable
- ❖ Highest Quality  
Components and  
Construction
- ❖ 3 Year  
Limited Warranty

### Performance:

The Model 155 Pink NOISETUBE comes from a long line of fine instrumentation-grade noise sources manufactured over the years by White Instruments. The *white noise* is digitally synthesized by a random number generator operating with an extremely long word length to prevent any noticeable repetition. A precision *pinking filter* is applied to the white noise to create the pink noise output that is flat ( $\pm 0.5\text{dB}$ ) between 20Hz and 20kHz.

### Package:

The NOISETUBE package was suggested by our customers who wanted a convenient, pocket-sized way of injecting a quality noise signal into microphone circuits with no battery hassles. Since its introduction the Model 155 has proven to be nearly indestructible and never needs batteries. Future improvements might include a *leash* to keep the unit from wandering away from its owner.

*White*  
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# Specifications:

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**Number of Outputs:**

One.

**Fixed Operating Level:**

-67dBu (microphone level)

**Frequency Response:**

20Hz - 20kHz  $\pm$ 0.5dB.

**Distortion:**

Less than 0.001% THD at maximum operating level.

**Output Impedance:**

Less than 100 ohms.

**Controls and Indicators:**

None.

**Connector:**

XLR Male.

**Power Requirements:**

Phantom microphone power 9-52 VDC.

2.2mA at 48 VDC.

**Dimensions and Weight:**

0.75" diameter by 6.9" length - 3 oz.

1.9cm diameter by 17.5cm length - 85g.

**Please Note:**

White Instruments reserves the right to improve our products and to change features and specifications without notice.

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