

## Analog Generator

### TSG111



TSG111 PAL Signal Generator.

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**This product is discontinued.**  
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### CHARACTERISTICS

#### Test Signal Generator

**Luminance Amplitude Accuracy** -  $\pm 1\%$ .

**Chrominance-to-luminance Gain** -  $\pm 1\%$ .

**Chrominance-to-luminance Delay** -  $\leq 10$  ns.

**Frequency Response** -  $\pm 2\%$  to 5 MHz.

**SCH Phase Accuracy** -  $0^\circ \pm 5^\circ$ .

**Line Blanking Interval** - 12.0  $\mu$ s 0.15  $\mu$ s.

**Output Impedance** - 75 Ohm.

#### Internal Reference

**Frequency** - 4.433161875 MHz.

#### Stability Over Temperature

Within 10 Hz from 5°C to 35°C.

Opt. 10: within 5 Hz from 5°C to 35°C.

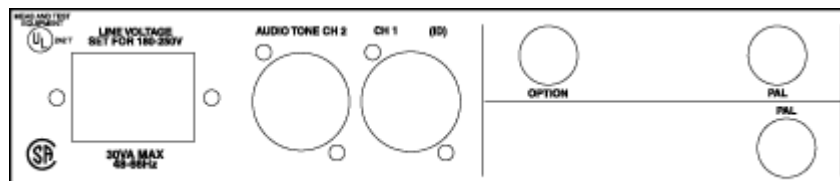
#### Audio Tone Generator

**Frequency** - 1 kHz.

**Amplitude** - 0 to +8 dBu into 600 Ohm, or a high impedance load.

**Distortion** -  $\leq 0.5\%$  THD + noise.

**Click ID** - Rate adjustable from 0.2 Hz to 4 Hz.



TSG 111 Rear Panel.

TSG111 rear panel.

#### Power Source

##### Mains -

Voltage Range: 90-130 VAC, 180-250 VAC.

Frequency Range: 48-62 Hz.

**Power Consumption** - 15 W max.

### Environmental

#### Temperature -

Operating: 0°C to +35°C.

Nonoperating: -40°C to +65°C.

### Certifications

**EMC** - Certified to the EMC Directive 89/336/EEC.

#### Safety -

Approved to: UL1244, CSA231.

Complies with: EN61010-1, IEC61010-1.

### Physical Characteristics

Dimensions	mm	in.
Width	205.7	8.1
Height	43.4	1.71
Depth	381	15
Weight	kg	lb.
Net	1.47	3.25
Shipping	3.2	7.06

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Tektronix Measurement products are manufactured in ISO registered facilities.



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