TG-5000 Dual-Format HD-SDI Pattern Generator
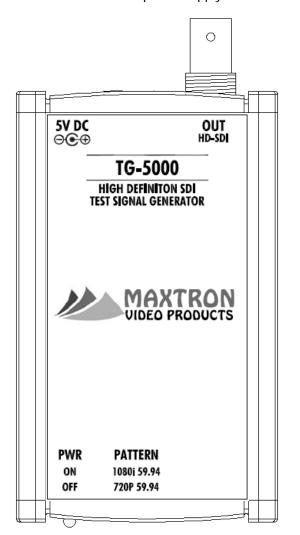
MAXTRON VIDEO PRODUCTS

General:

To answer the demands for a cost effective HD-SDI pattern generator Maxtron introduces the TG-5000 test pattern generator. The TG-5000 is a very low-cost HD-SDI generator which supports only the 720p and 1080i HD formats 59.94Hz frame rates. These two formats are the only formats used by broadcast facilities in the US and Canada.
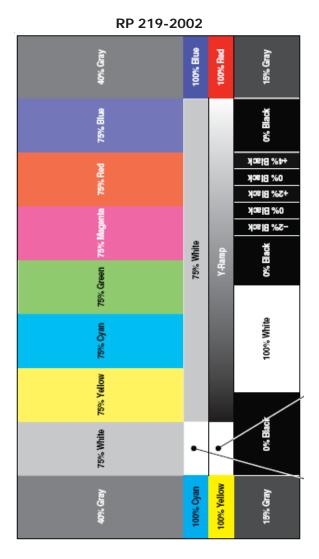
The TG-5000 provides the latest SMPTE recommended HD test pattern - the RP 219-2002 HD color bar signal. The pattern is native 16:9 aspect and consist of both 75% and 100% color bars, a white strip and a linear ramp. The single output conforms to SMPTE 292M at a signal level of 800mv into 75 ohms.

Physically, this is no toy either. It won't roll off the bench or hide under a monitor. It is mechanically sturdy in a convenient package.

Features:

- SMPTE 292M compliment output
- 720p or 1080i at 59.95
- New SMPTE color bars - RP 219-2000
- Full 20-bit pattern generation
- Designed for Portable and Bench applications
- Extremely small size - about the size of a deck of cards
- 100-240VAC to 5V DC power supply included

RP 219-2002

5V DC
⊖C⊕
OUT
HD-SDI

TG-5000
HIGH DEFINITON SDI
TEST SIGNAL GENERATOR

MAXTRON VIDEO PRODUCTS

PWR	PATTERN
ON	1080i 59.94
OFF	720P 59.94