



## SRG-2200 | Master Reference and Test Signal Generator

### Details

The SRG-2200 is a cost-effective 1RU 3G / HD / SD SDI test signal generator designed to the same exacting specifications as the premium SRG-4400. The SRG-2200 is a great choice for supplying common timing and test signals needed in today's complex broadcast facilities. It provides Color Black, Tri-Level Sync, test signals, as well as LTC and VITC, together with AES audio and DARS, satisfying applications in PAL, NTSC, or SDI (SD to UHD). It features 3 independent timing generators for greater flexibility in single and multi-standard installations.

### Test Signal Generator

The SRG-2200 includes 2 independent, comprehensive, multi-standard test signal generators, providing analog composite and SDI (SD to 3G) outputs. Each test signal generator support static and moving test patterns and allows for fixed or moving text slates. In addition, flexible test tone generators are available on discrete AES, and embedded audio channels.

### Networked

The SRG-2200 comes with advanced networking control via the DashBoard control system. The SRG-2200 may also receive time information via NTP time server using the NTP (Network Time Protocol) client option.

### Redundancy and Master / Slave Operations

The SRG-2200 is designed to run as a master in standalone or under an external reference input. Where it is critical to have a backup master reference, the ACO-2200 auto changeover unit complements the SRG-2200. This can be user configured to monitor and changeover all outputs of the SRG-2200. The SRG-2200 also ships standard with dual external power supplies.

### Inputs (BNC)

75  $\Omega$  looping reference

### Outputs (BNC)

1 Analog Composite test  
3 Color Black / Tri-Level  
1 3G / HD / SD SDI Color Black with embedded silence  
1 3G / HD / SD SDI Test Patterns with embedded tone  
1 LTC  
1 Word Clock  
Unbalanced AES Audio  
2 AES Tone  
1 DARS

### Features

- 3 independent Black-Burst / Tri-level Sync Reference output
- 3G/ HD/ SD SDI Black and Test Pattern Outputs (with embedded audio)
- AES digital audio outputs
- Composite analog video test generator output
- DARS (Digital Audio Reference) output
- Word Clock output
- LTC Output
- NTP Client (optional)
- IP Based Control and Monitoring via DashBoard
- 3-year transferable warranty

### Ordering Information

Master Reference and Test Signal Generator  
**SRG-2200** Master Reference and Test Signal Generator  
**NTP-2200** NTP Client option  
**ACO-2200** Auto Changeover unit



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