PRELIMINARY INFORMATION

CBG520
SERIES

Color Bar Generators with ID Text

FEATURES

- On screen source identification text
- Text may be easily hidden via a front panel switch
- Digital Signal Processing (DSP) assures accurate and re-peatable performance
- SMPTE style color bars
- Simultaneous composite and S-Video outputs
- Sine wave stereo audio test output
- AT keyboard interface for ID text programming
- YUV, YPbPr or RGB outputs available as special order
- NTSC or PAL compatible (switch selectable)
- Multi stage anti-aliasing filters
- Small size
- Rack mount option available
- Operates from +5VDC for mobile applications
- Available as a board level product

APPLICATIONS

- Video Source Identification
- Satellite, ENG and SNG Vehicles
- Camera identification for large venues
- Messaging
- System testing
- Monitor calibration
- Cable testing
- Flat panel testing
- Source identification for transmission systems
- Quick, reliable video source for troubleshooting
- Embedded test source for video systems
- Video source for avionics equipment

DIGITALLY GENERATED QUALITY: The SMPTE style bars are 8 bit digitally generated for predictable and repeatable performance. It will produce both composite video and S-video concurrently and the unit can be set for NTSC or PAL via an internal switch.

AUDIO TEST OUTPUT: The CBG520 provides a 1KHz sine-wave stereo audio output for system testing. The level can be internally adjusted.

EASY TO USE: Just plug in the included power supply, video, audio and keyboard. Accurate color bars are produced immediately after power up and text is easily typed via the keyboard. The keyboard can be disconnected once the text is entered and the unit will remember the text in the non-volatile memory.
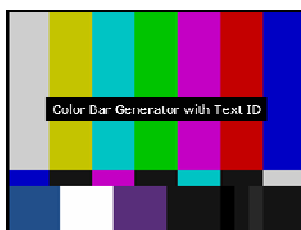
BOARD LEVEL PRODUCTS: MicroImage Video Systems offers many of its products, such as the CBG520 series, as board level for OEM applications. Many options are available.

CUSTOM PRODUCTS: MicroImage Video Systems can create units with customer requested features and custom board designs. Contact us to see how we can help with your application.

MORE INFORMATION? Additional product information, specifications, user manuals and application notes are available on our website, including the latest available features.

Color Bars with Text Off

Color Bars with Text On

STANDARD PRODUCTS

CBG520S   SMPTE Bars for composite & S-Video

BOARD LEVEL PRODUCTS

BL-CBG520S-01   Color Bars with ID for comp & S-Video BNC, Mini-DIN & 1.3mm power connectors

BL-CBG520S-02   Color Bars with ID for comp & S-Video Header connector for video and power (special order)

ON SCREEN ID TEXT: By connecting a PC AT keyboard (not included), up to twenty lines of text can be placed on-screen. The CBG520 will remember the text after the keyboard is disconnected and power is turned off. The on-screen text can be quickly turned off or on via a front panel switch or with the keyboard.

MICROIMAGE VIDEO SYSTEMS

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