



### Meinberg Funkuhren

Lange Wand 9

31812 Bad Pyrmont, Germany Phone: +49 (5281) 9309-0 Fax: +49 (5281) 9309-30 https://www.meinbergglobal.com

info@meinberg.de

## IMS-VSG180: Video-Sync Generator

The VSG180 is a video signal reference for Studio Equipment with four BNC outputs. The Module generates 1x bi-level sync (Black Burst),1x Tri-Level Sync, 1x Sync Signals (LTC - Linear Time Code) and 1x DARS (Digital Audio Reference Signal). The LANTIME Web Interface can be used for output signal configuration and to query the state of the VSG.

### **Functionality**

The board is synchronized by an external 10 MHz signal. It generates configurable video signals in different formats. The generated signals have a phase reference to 1PPS.

## **Important Note**

This product is no longer available. We will of course continue to provide support for units that have already been purchased and are still in use. Please contact our [1] Sales Team for further details.

This product has been discontinued and has been replaced with: [2]

# **Key Features**

- Four BNC outputs with configurable video formats and Sync Signals Out 1: HD-Syncs (Tri-Level Sync)
  Out 2: SD-Syncs (Bi-Level-Sync) Out 3: LTC 25 fps (Linear Time Code) Out 4: DARS (Digital Audio Reference Signal)
- Four LEDs: Signal status of module and outputs
- Supported Video Formats: PAL (SMPTE259M/ITU-R BT.470-6) NTSC (SMPTE170M/ITU-R BT.470-7 720p/50Hz (SMPTE296M3) 1080i/25Hz (SMPTE274M6) 720p/59,94Hz (SMPTE296M1) 1080i/29,97Hz (SMPTE274M7) Supported Time Code Formats: VITC (SMPTE12M-1/SMPTE ST309M) with Time of Day and Timezone informations and selectable lines for insertion Digital Audio Reference Signal (DARS) AES11-2003: Resolution: 24bits Sample Frequency: 48kHz Format: professionell



# Characteristics

Status Indicators	ST: Status of VSG180
	In: Status of reference input
	A: Status HD Out 1
	B: Status SD Out 2
Electrical Connectors	96-pin DIN 41612 connector
BNC Connectors	
	* 2x BNC female, unbalanced, 300 mVpp @ 75
<b>Current Draw</b>	5 V ± 5%, 250 mA
Supported Temperature	0 55°C
Supported Humidity	Max. 85 % (non-condensing) at 40 °C
Warranty	Three-year warranty
RoHS Status of Product	This product is fully RoHS-compliant.
WEEE Status of Product	This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself.

### Manual

There is no online manual available for this product.: [3] Contact us

### Links:

[1] mailto:sales@meinberg.de

[2] https://www.meinbergglobal.com/english/archive/vsg181\_h.htm

[3] mailto:info@meinberg.de