Omroep Zender Museum

Informatie Tektronix Vit generator VITS 201

The VITS 201 PAL Insertion Generator

The VITS 201 is a PAL vertical interval test signal generator and inserter that offers advanced features in a high-quality, low-cost package.

The VITS 201 can be programmed to insert test signals onto any video line from line 17 through 30 and 319 through 343. The test signals can be any of 13 digitally generated internal signals, or inputs from any of 4 AC coupled and clamped or DC coupled external sources. Prior to S/N B040000 there were 5 external inputs, but one of the connectors is now used to provide the COMP SYNC output.
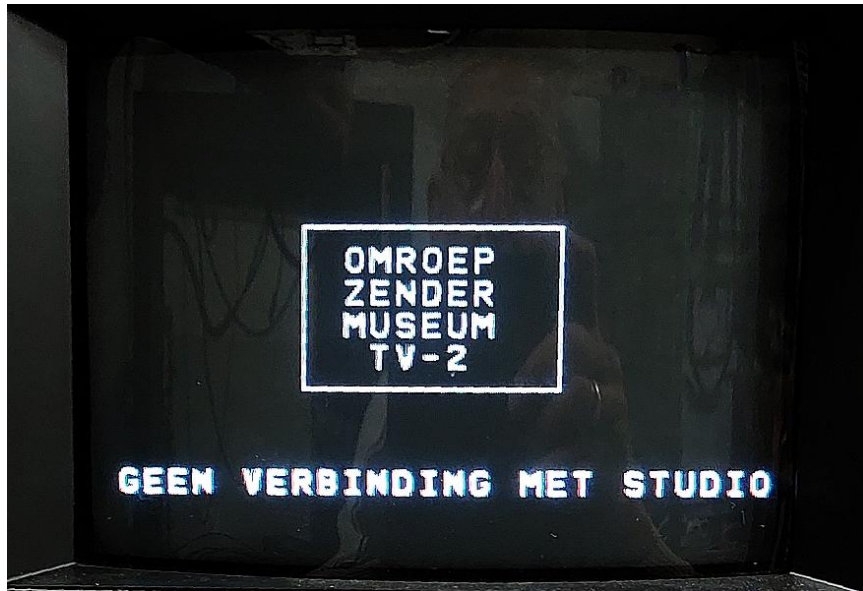
In addition, the VITS 201 provides a total of 16,384 unique source identification signals which are set using 16 DIP switches on the back panel of the instrument. These signals can be placed on any of the available lines in vertical blanking. These signals are also used by the VM 700A Video Measurement Set to identify sources on results from measurement routines.

If the incoming program video should fail, the VITS 201 can automatically generate a selected standby signal until the program input is restored. The standby signal can be one of 12 available full-field test signals, or video from an external input. The VITS 201 can also add user-selected text to the full-field standby test signal (internally generated).

The VITS 201 also features a delay-matched relay bypass that automatically switches incoming video signals to video output if power or the instrument itself should fail.

The VITS 201 can work with program video having sound-in-sync. It can also replace program sync and burst with new, internally generated sync and burst signals, if desired.

A software menu makes it easy to program the VITS 201 using momentary switches, DIP switches, and LED displays located inside the front panel. Programmed configurations are stored in non-volatile RAM to protect against power loss.

Voorbeeld van instelbare tekst

Complete documentatie met alle instellingen is in pdf formaat is beschikbaar.