

TV Generator



- ▶ Direct access keys for nine different charts
- ▶ 4:3 & 16:9 formats
- ▶ Addition of an electronic circle
- ▶ Economy range
- ▶ Double side band modulation
- ▶ Tuning by frequency or CCIR / OIRT / FCC channel tables
- ▶ Multi-standard and multi-system
- ▶ Up to 10 available memories

The **GV-198** video generator is one of the most affordable PAL/SECAM/NTSC units on the market. It has nine different reference patterns that can be accessed with a keystroke; these allow performing the basic adjustments of any receiver as well as detecting malfunctions by visually checking the picture. Patterns can be in **4:3** and **16:9** format.

The synthesized RF modulator covers the **37-865 MHz range**; tuning can be handled by CCIR, OIRT or FCC channels or directly by frequency, in 50 KHz steps. An electronic attenuator allows a maximum attenuation of 50 dB in 10 dB steps.

The **GV-198** has 10 memories for storing 10 different, direct-access test configurations

▼ 9 Charts ▼

4:3 and 16:9 formats

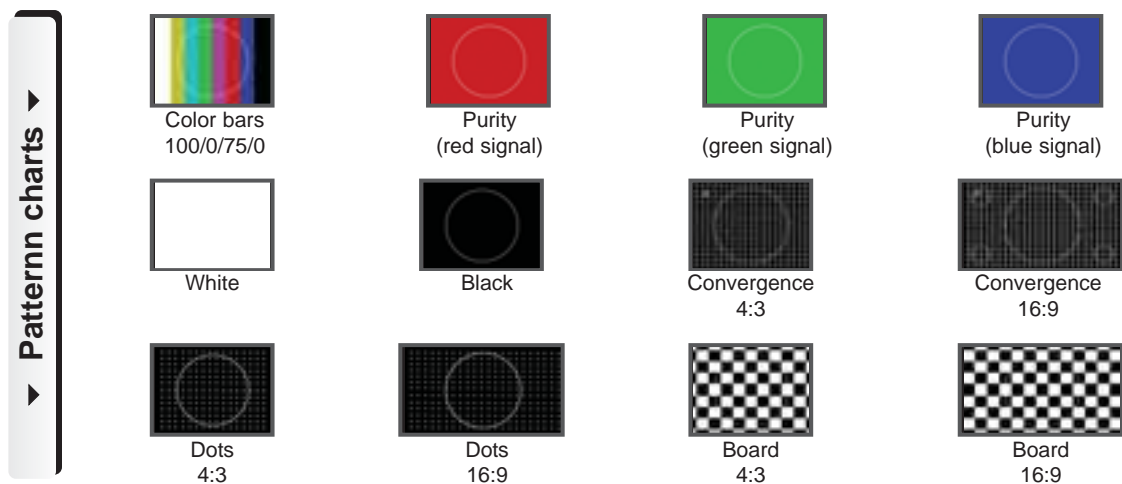
Electronic circle

Pattern icons
on the front panel

▼ Outputs ▼

RF
RGB
S-VHS
SCART
Synchronisms
Composite video

Economy range



SPECIFICATIONS	GV - 198	Composite video output	
System & Standard	PAL B/G/D/K/I/M/N, SECAM B/G/D/K/L, NTSC M	Amplitude	1 Vpp, negative polarity
Video modulation	AM double side band	Connector	BNC and SCART, 75 Ω impedance
Sound modulation		RGB output (SCART)	
Type	Mono multistandard	Amplitude	0.7 Vpp
Carrier	Seleccionable ON/OFF	Connector	SCART, 75 Ω impedance
Carrier frequency	From 4.5 to 6.5 MHz	Composite sync. output	
Modulation type	FM / AM (1 kHz)	Signal	Vertical + Horizontal
PAL color subcarrier		Amplitude	2.5 Vpp
Frequency	3.5756118 to 4.43361875 MHz $\leq \pm 30$ ppm	Connector	BNC, 1 kΩ impedance
Burst duration	2.4 μs (10 ±1 Fsc period)	Low frequency output (SCART)	
Burst position	5.6 μs + 100 ns from the line previous synchronism flank	Frequency	1 kHz, amplitude 500 mVpp
Amplitude error	± 5%	Connector	SCART, 10 kΩ impedance
NTSC		RF output	
Frequency	3.579545 MHz $\leq \pm 30$ ppm	Range	De 37 a 865 MHz (sinthesized)
Burst duration	2.38 μs (10 ±1 Fsc period)	Output amplitude	85 dBμV ± 3 dB
Burst position	5,56 μs + 100 ns from the line previous synchronism flank	Power supply	
Amplitude error	± 5%	Mains supply	110-125-220-230/240 V AC ± 10%, 50-60 Hz
SECAM		Consumption	15 W
Subcarrier frequency	4.250000 to 4.406250 MHz ± 2 kHz	Mechanical features	
Chroma signal amplitude	D'r -1.5 to -1.9	Dimensions	W. 212 x H. 102 x D. 241 mm
Chroma pre-correction	Bell filter	Weight	1.78 kg.