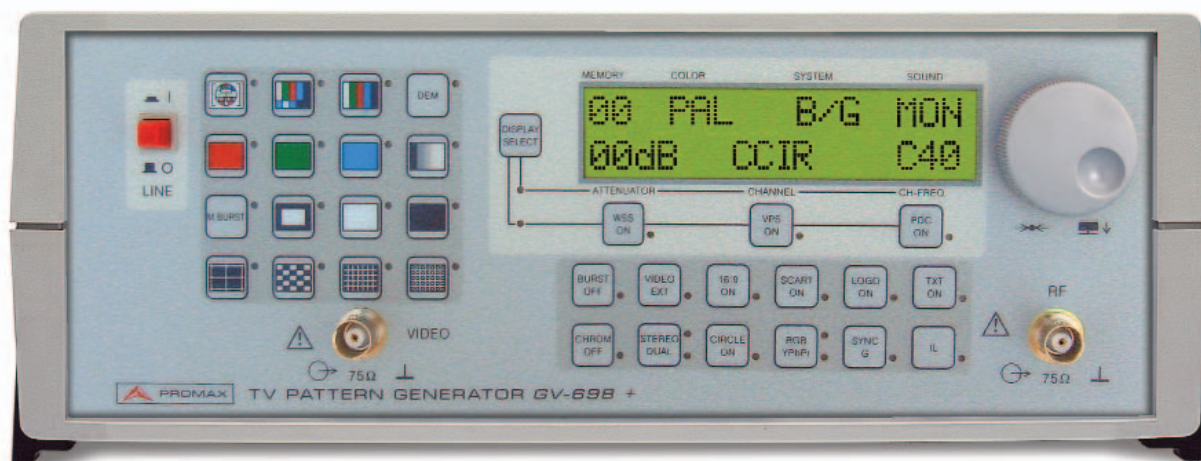


TV Generator



- 4:3 and 16:9 format patterns
- Compatible with PAL, SECAM and NTSC systems
- NICAM and Zweiton Sound
- Addition of an electronic circle on all patterns (except colour bars)
- Two logotypes
- VPS / PDC control signals
- Multi-standard and multi-system analogue TV signals
- RS-232 remote control

The **GV-698+** is a TV pattern generator with excellent price / performance ratio which is specially suitable for service of all kinds of TV receivers.

This pattern generator has the features usually found only in professional units, such the **NICAM** sound or **teletext**, while keeping a very attractive price tag.

There are **32 memories** available to store your most common test configurations. It is also possible to turn ON or OFF the colour burst, the sound subcarrier, the colour subcarrier, etc...

The **GV-698+** also has a DSB modulated RF output, with level adjustable in 10 dB steps.

▼ 23 Patterns ▼

4:3 & 16:9 formats

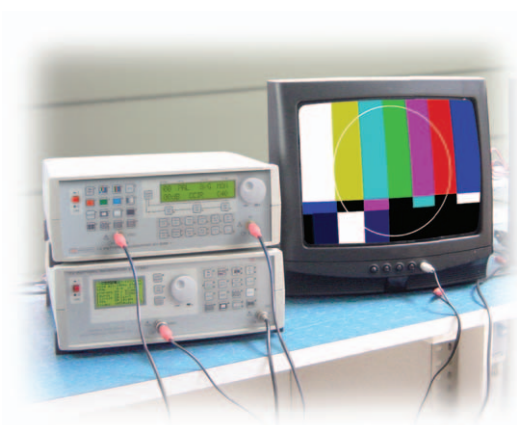
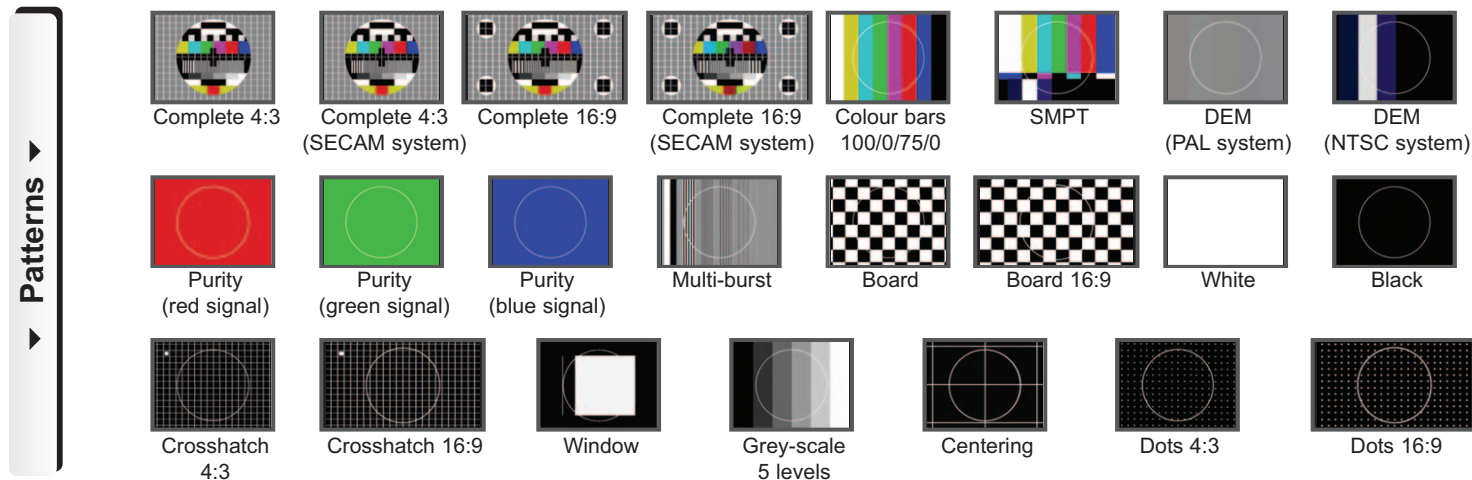
Electronic circle

Pattern icons
on the front panel

▼ Outputs ▼

RF
YPbPr
RGB
S-VHS
SCART
Synchronisms
Blackburst
Composite video

Medium range



SPECIFICATIONS		GV - 698+	
System & Standard		PAL B/G/D/K/I/M/N, SECAM B/G/D/K/L, NTSC M	
Video Carrier		Synthesized, 34 - 865 MHz	
Resolution		By channels or by frequency (CCIR, STD L, OIRT, FCC)	
Tuning		23	
Patterns		23	
PAL (B, G, H, D, I) colour subcarrier		4.43361875 MHz ± 30 ppm (10°C - 40°C)	
Frequency		2.4 μ s (10 \pm 1 period of Fsc)	
Burst duration		± 5 % / ± 3 %	
Amplitude / phase error			
NTSC (M) colour subcarrier		3.579545 MHz ± 30 ppm (10°C - 40°C)	
Frequency		2.38 μ s (10 \pm 1 period of Fsc)	
Burst duration		± 5 %	
Amplitude error		± 3 %	
Phase error			
SECAM (B, G, H, D, K, K1, L) colour subcarrier		For = 4.406250 MHz ± 2 kHz	
Subcarrier frequency		Fob = 4.250000 MHz ± 2 kHz	
(sync f _H)		5.850 - 6.552 MHz, 4QPSK modulation	
Dual-Stereo NICAM			
Inputs		75 Ω (V), 10 k Ω (A) direct coupling, SCART	
Video/Audio			
RF output		Output amplitude	80 dB μ V ± 3 dB, attenuation up to 50 dB in steps of 10 dB
		Frequency range	37 to 865 MHz
		Impedance	75 Ω
Modulation			Double side band
Logotypes			One or two position-independent logotypes
Audio			AM-FM-NICAM modulation
		Mono	B, G, D, K, M systems
		Dual-Stereo Zweiton	B, G, L, I, D, K systems
		Dual-Stereo NICAM	
Rear panel outputs			
		Video	75 Ω , positive polarity, BNC connector and SCART
		RGB - YPbPr	75 Ω , 0.7 Vpp amplitude, BNC connector and SCART
		S-VHS	75 Ω , 0.7 amplitude Vpp (lum.) - 0.3 Vpp (crom.)
		Synchronisms	Negative polarity, BNC connector
		SCART	-
Teletext			
		Transmission mode	NRZ (not return to zero)
		Content	8 different pages (two languages sent consecutively)
Power supply			
		Mains voltage / consumption	110-125-220-230/240 V AC ± 10 %, 50-60 Hz / 20 W
Mechanical features			
		Dimensions and weight	W. 288 x H. 102 x D. 247 mm / 3 kg.