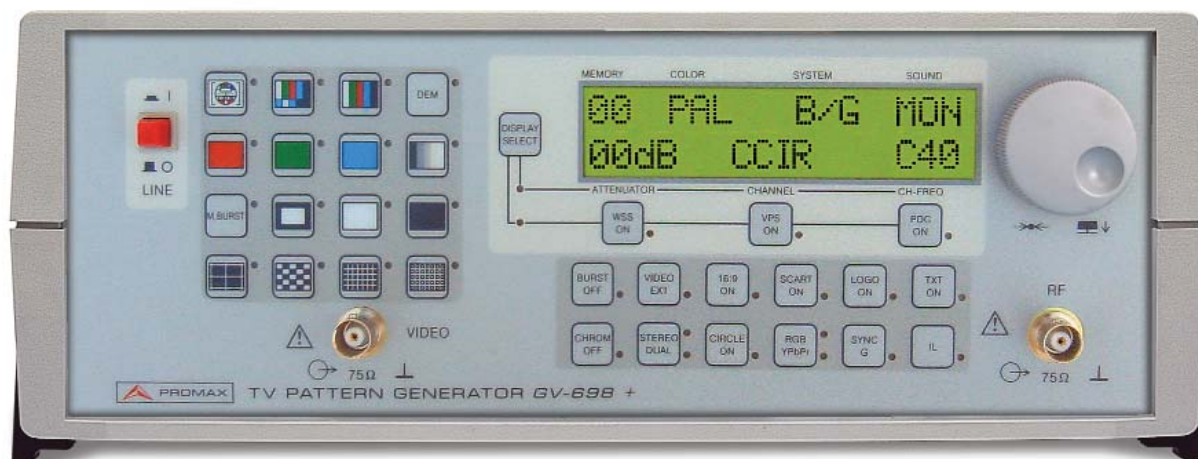


GV-698+

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 analog 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

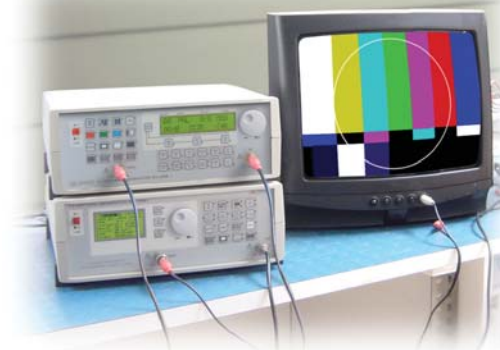
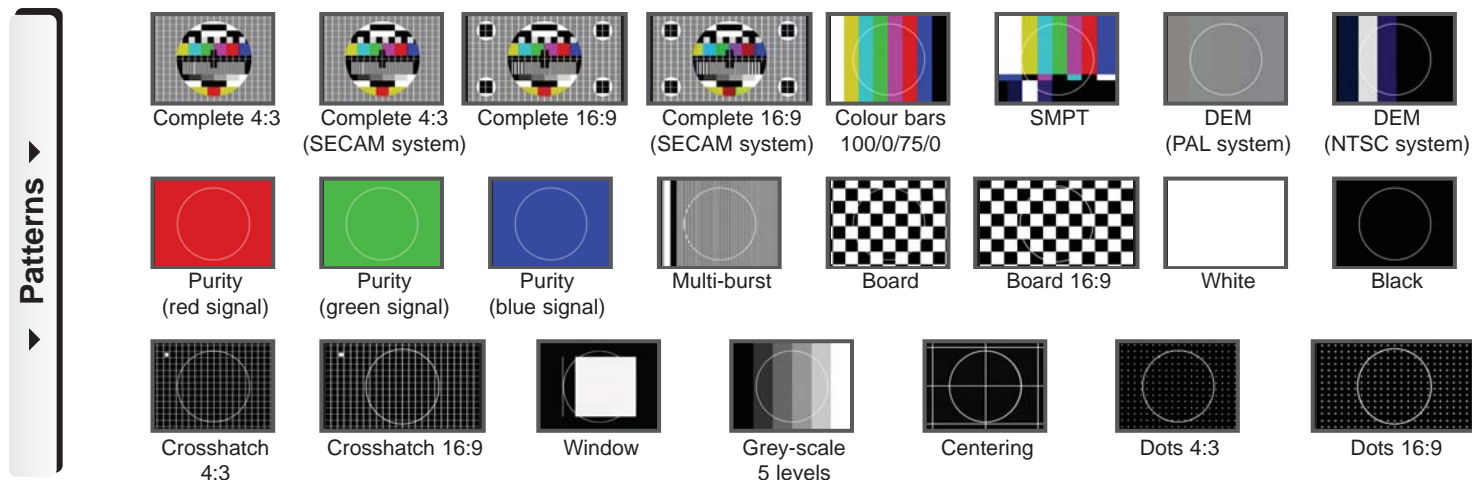
Electronic circle

Pattern icons
on the front panel

▼ Outputs ▼

RF
YPbPr
RGB
S-VHS
SCART
Synchronisms
Blackburst
Composite video

Medium range



SPECIFICATIONS	GV - 698+	RF output	
System & Standard	PAL B/G/D/K/I/M/N, SECAM B/G/D/K/L, NTSC M	Output amplitude	90 dB μ V \pm 3 dB, attenuation up to 50 dB in steps of 10 dB
Video Carrier		Frequency range	37 to 865 MHz
Resolution	Synthesized, 34 - 865 MHz	Impedance	75 Ω
Tuning	By channels or by frequency (CCIR, STDL, OIRT, FCC)	Modulation	Double side band
Patterns	23	Logotypes	One or two position-independent logotypes
PAL(B,G,H,D,I) colour subcarrier		Audio	
Frequency	4.43361875 MHz \leq \pm 30 ppm (10 $^{\circ}$ C - 40 $^{\circ}$ C)	Mono	AM-FM-NICAM modulation
Burst duration	2.4 μ s (10 \pm 1 period of Fsc)	Dual-Stereo Zweiton	B, G, D, K, M systems
Amplitude / phase error	\pm 5 % / \pm 3 %	Dual-Stereo NICAM	B, G, L, I, D, K systems
NTSC (M) colour subcarrier		Rear panel outputs	
Frequency	3.579545 MHz \leq \pm 30 ppm (10 $^{\circ}$ C - 40 $^{\circ}$ C)	Video	75 Ω , positive polarity, BNC connector and SCART
Burst duration	2.38 μ s (10 \pm 1 period of Fsc)	RGB - YPbPr	75 Ω , 0.7 Vpp amplitude, BNC connector and SCART
Amplitude error	\pm 5 %	S-VHS	75 Ω , 0.7 amplitude Vpp (lum.) - 0.3 Vpp (crom.)
Phase error	\pm 3 %	Synchronisms	Negative polarity, BNC connector
SECAM (B, G, H, D, K, K1, L) colour subcarrier		SCART	-
Subcarrier frequency	For = 4.406250 MHz \pm 2 kHz	Teletext	
(sync f _H)	Fob = 4.25000 MHz \pm 2 kHz	Transmission mode	NRZ (no return to zero)
Dual-Stereo NICAM	5.850 - 6.,552 MHz, 4QPSK modulation	Content	8 different pages (two languages sent consecutively)
Inputs		Power supply	
Video/Audio	75 Ω (V), 10 k Ω (A) direct coupling, SCART	Mains voltage / consumption	110-125-220-230/240 V AC \pm 10%, 50-60 Hz / 20 W
		Mechanical features	
		Dimensions and weight	W. 288 x H. 102 x D. 247 mm / 3 kg.