

| SPECIFICATIONS | GV-298 |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TV standard Display | PAL B, G, H (D, K, I, N see versions) 16 digits, with frequency, channel indication, (5 digits) and pattern. |
| Video carrier Frequency Tuning | Synthesized, 37 to 865 MHz By frequency: 50 kHz steps By channel: CCIR |
| RF output Attenuation Connector | 80 dB μ V \pm 3 dB on 75 Ω 60 dB in 20 dB steps BNC (75 Ω) |
| Video modulation Type of modulation Modulation index V/A ratio | AM, double side-band 85 % 13 dB |
| Sound modulation Carrier modulation Type of modulation Drift | 5.5 MHz, On / Off selectable FM, internal modulation at 1 kHz \pm 30 kHz |
| Test patterns | 100 % white pattern Grid with an electronic circle Points Checkerboard Colour bars Red pattern Green pattern Blue pattern Anti-PAL patterns, to clear R-Y switching |
| Video output Amplitude Polarity Connector | 1 Vpp Positive BNC and Euroconnector (75 Ω) |
| R-G-B outputs Amplitude Connector | 0,7 Vpp Euroconnector (75 Ω) |
| Oscilloscope trigger output Signal Connector | Vertical and horizontal BNC (5 k Ω) |
| Low frequency signal Amplitude Frequency Connector | 250 mVpp 1 kHz Euroconnector (10 k Ω) |
| Power supply Mains voltage Consumption | 110-125-220-230-240 VAC / 50-60 Hz 8 W |
| Mechanical features Dimensions Weight | W. 212 x H. 102 x D. 241 mm 2,25 kg |
| Versions GV-298 GV-298 / 2 GV-298 / 4 GV-298 / 6 | PAL B, G, H, CCIR Channels PAL D, K, OIRT Channels PAL I, CCIR Channels PAL N, FCC Channels |
| Included accessories | Instructions manual, BNC/TV coaxial cable, mains cable, spare fuse |



The **GV-298** video generator builds in exceptional features; the newest trends of modern technology have been applied in its design.

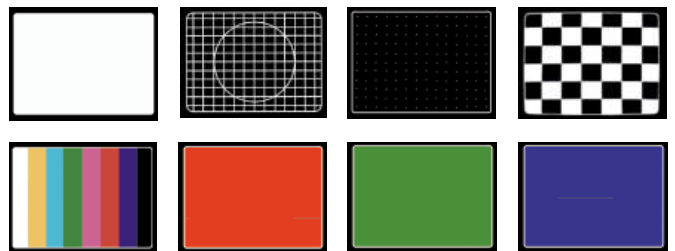
Its application field is reaching every service where a professional featuring idea is requested, to fulfil top requirements both in the synchronism stage and the colour and radiofrequency one.

A profitable equipment

Therefore, this device, easy to operate and strong, is especially indicated in fulfilling the closest needs in Technical Assistance Services (TAS). With the **GV-298**, ambivalence of TAS' professionals will find a first class partner both in workshop tasks and field repairs and installations.

Additional functions

The GV-298 is provided with 8 different patterns, to make basic settings in any receiver as well as to sense any abnormality by overviewing a picture. Furthermore, the **GV-298** includes four additional functions, to be added or cleared in every pattern, at will. These controls refer to picture interlacing, chroma subcarrier, sound and PAL commutation.



RF synthesized output

Sintetized radiofrequency stage covered range is from 37 MHz to 865 MHz.

This is used to sense any deficiency of the tuner and/or the IF amplifier of the analyzed receiver. A three cell attenuator is used to attenuate up to 60 dB maximum, in 20 dB steps. Frequency (5 digit resolution), pattern and selected channel are reflected in the 16 character digital display.