

Hand Held Portable Composite Video and Audio Generator



The Hamlet Protean 901 is designed for TV and broadcast engineers working in maintenance, installation, field operations, outside broadcasts, single camera shoots and even editing suites, anywhere analog signals are required.

Portable Analog composite generator with Stereo Audio outputs. 16 x video test signals in PAL and NTSC.

This product contains proprietary patented designs.

Features and Functions

- Composite video, and analog audio capable
- 100% & 75% Colour Bars, Red Patch, Bow Tie, Sweep, Pluge, Multiburst, Pulse-bar, Modulated Steps, White, Red, Convergence, Ramp, Limited Ramp, Black and Optional Pattern.
- Individual enabling of Y and C components
- User defined 16 character scrollable idents
- Circle overlay
- Easy NTSC and PAL selection
- Powered by built in rechargeable nickel metal Hydride batteries or 6VDC
- Mains adapter included

TECHNICAL SPECIFICATION

OUTPUTS

Composite BNC connector. Output impedance 75 ohms. 1 volt p/p +/- 1% PAL, NTSC or PALM from 9 bit dac.
Differential gain and phase +/- 1% and +/- 1 deg.
Sch phase 0 +/- 5 deg.
Audio 3 pin xlr plug.
Analog: 1KHz tone 0db to +8db balanced to 600 ohms Thd <0.5%.

POWER

External 6Vdc +/-0.5V regulated @ 400mA.
Current draw is 500mA if charging as well. 100mA if charging only.
Charging time 16 hours max.
2.1mm power connector, centre negative.
Mains supply adapter 220/110VAC +/-20% 50/60Hz 10VA max.
Internal 600mA hour NiMh batteries with integral charger.

ENVIRONMENT

Indoor use, 5 to 45 deg.C. ambient to 2,000m.
Max humidity 80% to 31 deg.C decreasing to 50% at 40 deg.C.
Overvoltage category 2. Pollution degree 1.

PHYSICAL

DIMENSIONS: - 9 x 16 x 3.5 cm

WEIGHT: - 500g.

WARRANTY: - 1 Year

Extendable free on registration:- To 2 Years
By using the service area of our web site
<http://www.hamlet.co.uk/serv.html>

ORDERING INFORMATION

Protean 901

Analog signals including: - 100%, 75% colour bars and multi-burst.
16 Character Alpha / Numeric Ident

Options

PROT - CP	Customised patterns
PCC-1	Universal carry case

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Hamlet products are Manufactured to ISO9001.2000 and ISO14001 specification
Our most up to date information is available on our web site

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