

OZT1200: Teletest Pro

Video & Audio Test Signal Generator: Composite PAL Video, S-Video, Stereo Balanced Audio



8 Video Test Patterns
1 & 10KHz Audio Tones
0dBu & +4dBu Levels
Video & S-Video Outs
2 x Balanced Audio Out
Text Book Accurate
Battery Powered

The TELETEST PRO is a high quality video test pattern and audio signal generator for use by engineers and AV technicians who deal with broadcast A/V products.

Essential for repairing and re-calibrating monitors and VCRs. Pocket sized and powered from a 9V battery the TELETEST PRO is ideal for fast fault finding on site when there are no extra power sources.

Because the quality of the signals are text book accurate the TELETEST PRO can also be used as the main test generator in workshops. For many applications it is ideal for genlocking.

The TELETEST PRO generates 8 test patterns and 2 audio test signals at two different levels. It features composite video on a BNC socket, S-video on a 4pin mini DIN socket and stereo balanced line audio on two XLR-3 plugs.

Pocket sized and powered from a 9V battery, a mains adapter is available as an optional extra.



Video test signals

- **Colour bars:** White, yellow, cyan, green, magenta, red, blue & black (100.0.75.0)
- **Grey scale:** 8 equal steps: ~0%, 14%, 29%, 43%, 57%, 72%, 86%, 100%
- **Crosshatch:** 17 horizontal & 23 vertical lines + castellation boxes around edge
- **Dots:** 17 horizontal & 23 vertical dots + castellation boxes around edge
- **Red purity:** Red = 75% amplitudes
- **White purity:** White = 100% amplitude
- **Black burst:** With all broadcast sync pulses and colour bursts
- **Multi burst :** 3.5MHz & 1.75MHz filling screen

Audio test signals

- **Mono output:** 1kHz pure audio sine wave
- **Mono output:** 10kHz pure audio sine wave

Technical specifications

- **Video output:** CVBS PAL 1Vp-p, 75ohm
- **Video connector:** BNC socket
- **S-video output:** PAL Luma 1Vp-p, 75ohm; chroma 0.3Vp-p, 75ohm
- **S-video connector:** 4 pin mini DIN socket
- **Audio output:** 2 x balanced audio signals
- **Audio levels:** 0dBu (0.775Vrms), +4dBu (1.2283Vrms)
- **Audio connectors:** 2 x XLR-3 plugs **(MUST NOT be connected to a phantom PSU, as this will destroy the audio circuitry)**
- **Power consumption:** 9-15VDC; 12V 120mA, 1.5W
- **DC connectors:** 2.1mm DC socket (centre= positive); 9V battery connector
- **Battery:** 9V DC (not included – a new Duracell battery will last ~2 hours)
- **Product housing:** Tough black ABS plastic, hard wearing front label
- **Dimensions:** 80 x 35 x 140mm; • **Compliance:** CE, WEE, RoSH

Signal specifications

- CCIR spec, fully interlaced, 15.625kHz +/- 0.2Hz, sync= 300mV +/-2%
- Not SCH (the sub carrier is NOT locked to the horizontal sync)
- Colour bar peak white level= 700mV +/-2%; burst= 300mV +/-2%;
- PAL= 4.433619MHz +/-4hz; colour bar chroma level= +/-2%