

# 810

## Video Color Bar / Audio Generator

GROUP 6



The Kramer **810** Color Bar/Audio Generator is a unique, high quality color bar/audio generator of the KRAMER TOOLS family for testing and aligning video equipment, such as monitors, recorders, projectors etc. The **810** generates a color bar, in the two most common formats: Composite Video and s-Video [YC]. The machine provides two Composite outputs on BNCs and one YC output on a 4p connector. In addition, the machine provides a 1 kHz balanced audio output (that can also be used as unbalanced) for audio equipment alignment. A front panel selector switch programs the machine to output a standard PAL or an NTSC output. The **810** uses digital signal synthesis to create a stable, standard reference signal. The **810** is housed in the small KRAMER TOOLS enclosure and is DC fed, making it suitable for field operation as well.



### TECHNICAL SPECIFICATIONS

VIDEO OUTPUTS:	2 x 75% color bar on BNC connectors, 1Vpp / 75 $\Omega$ ; 1 x 75% s-Video color bar on 4p connector, 1Vpp / 75 $\Omega$ ; (luma).
AUDIO OUTPUTS:	1kHz, 4dBm / 47 $\Omega$ ; balanced audio on detachable terminal block.
VIDEO S/N RATIO:	75 dB.
CONTROL:	PAL / NTSC selector switch.
LINE JITTER:	2ns.
POWER SOURCE:	12 VDC, 230 mA.
DIMENSIONS:	12 cm x 7.5 cm x 2.5 cm (4.7 inch x 2.95 inch 0.98 inch, W, D, H).
WEIGHT:	0.3 kg. (0.67 lbs.) approx.
ACCESSORIES:	RK-T1, RK-T3, 19" rack adapters.

### TYPICAL APPLICATIONS

- Testing and alignment of video equipment, including monitors, recorders and projectors.

