

# LX-220A

## NTSC / PAL BLACK-BURST GENERATOR

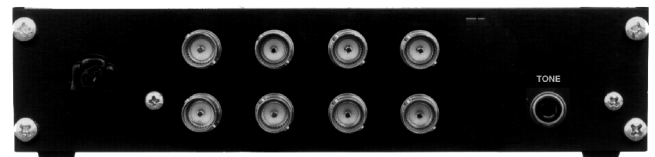
The **LX-220A** provides a convenient source of composite black-burst for preblacking tapes or for synchronization purposes. Eight isolated outputs are provided on rear mounted BNC connectors. The output signal consists of sync, blanking, reference black setup level and color burst which is SCH phased. The **LX-220A** employs a temperature-compensated crystal oscillator for high stability. A sinewave tone, at 0 dbm (2.2 vpp), is accessible on the rear-mounted RCA connector. The frequency of the tone is selectable (400 Hz or 1 KHz) with a front panel DIP switch. The other front panel DIP switch allows the unit to be switched between NTSC (RS-170A) and PAL composite video.

### Features

- Eight Isolated Composite Black Outputs
- Enhanced Noise Suppression Circuitry
- Excellent Temperature Stability
- Several Options Available
- PAL And NTSC Modes
- 400 Hz or 1 KHz Tone

### Applications

- Broadcast & Desktop Video Synchronization
- Multi-Camera Video Synchronization
- Linear & Non-Linear Editing Systems
- Pre-Blacking Video Tape



Rear View

### Specifications

- Outputs:** 8 Composite, BNC, 75 $\Omega$ , RS-170A or PAL  
Sync and burst 40 IRE, Setup 7.5 IRE  
1-Tone (400Hz or 1 KHz), RCA
- Video Level:** 75% amplitude, 75% saturation (NTSC)  
75% amplitude, 100% saturation (PAL)
- Output Impedance:** 75 $\Omega$
- Differential Gain:** 0.8%
- Differential Phase:** 0.8 $^\circ$
- SNR:** 60db
- Hue Accuracy:** 1.0 $^\circ$
- Saturation Accuracy:** 1.0%
- Enclosure:** Desk-Top, Black Anodized Aluminum
- Dimensions:** 1.6" H x 7" W x 5" D
- Tone:** 400 Hz or 1 KHz Sine Wave (selectable), 0 dbm, RCA
- Electrical:** 117 VAC, 50/60 Hz
- Power:** 5W maximum
- Options:** J, P, P2, Sync, UL

