

# SELF-SETTING 5", 12" & 16" ANALOG CLOCKS

The **LX-5105**, **LX-5112** and **LX-5116** are Self-Setting Analog Clocks with 5", 12" and 16" viewing diameters, respectively. The units are designed to operate as Time Code Readers (Slaves), Stand-Alone Clocks or Impulse Clocks. All three can read, decode and display time information from most any Master Clock or other source of time code. A rear-mounted DIP switch permits the clock to display time as received from a source of SMPTE/EBU, **ESE** or ASCII time code (IRIG-B is optional). After a very simple "set-up" procedure and receipt of time code, the clock automatically sets itself to the exact time and continuously slaves to the time code. (If time code is lost, an error indicator is lit and the clock continues counting while referencing an internal crystal time base.)

Other user defined modes of operation allow the clocks to be synchronized to a Master Clock with a 1 PPS alternating 12 VDC/24 VDC output or to be set to real time and allowed to run based on their internal crystal oscillators. The second hand is completely silent and can be programmed for "Sweep" or "Step" mode.

The initial set-up allows each clock to have the hours (and/or minutes) offset to that of another time zone. Also, since the unit can continuously track time code, there is no need to twice annually compensate for daylight savings time, assuming the Master Clock automatically adjusts itself accordingly.

## Features:

- Silent
- Reads **ESE**, ASCII, SMPTE or EBU Time Code
- Simple Installation & "Hands-Off" Operation
- 5", 12" or 16" Dials
- Optional IRIG-B Input
- Time Zone Offset
- Lighted-Dial Option
- Self-Setting
- Sweep Or Step Second Hand
- Error Indicator
- Rack Mount Option
- Stand-Alone, Impulse & Reader Modes
- Battery Back-Up



## Specifications

**Power:** 5 Watts Maximum (15 Watts with Light option)

**Electrical:** 117 VAC, 50/60 Hz

**Mechanical:** Desk Mount (LX-5105); Wall Mount (LX-5112 & LX-5116)

**Dimensions:** LX-5105: 6.95" High x 8.73" Wide x 3.45" Deep;  
LX-5112: 13.95" x 13.95" x 3.45" Deep;  
LX-5116: 17.45" x 17.45" x 3.45" Deep

**Inputs:** SMPTE/EBU: 10k $\Omega$ , Balanced or Unbalanced, 100mVpp to 10 Vpp;

**ESE:** TC76, TC89 or TC90, 120k $\Omega$ , Unbalanced;

ASCII: 120k $\Omega$ , Unbalanced;

Impulse: Alternating 12 VDC (or optional 24 VDC)

**Battery:** 9v, Maintains CPU for up to 60 Hours

**Viewing Distance:** 20, 60 & 80 feet, respectively

**Options:** IRIG, J, Light, P, P2, UL

