

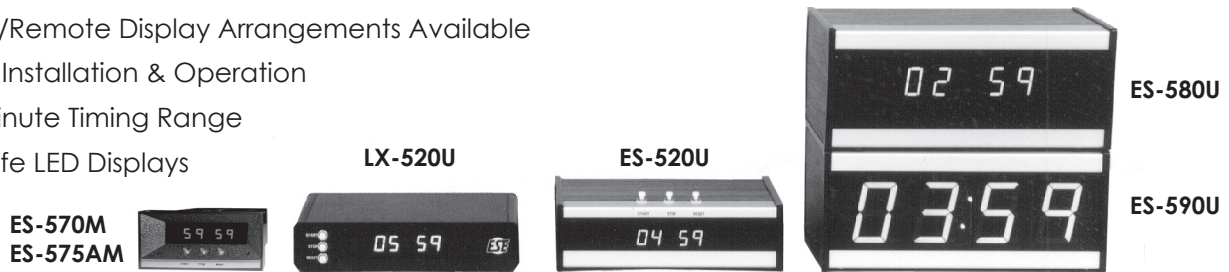
# UP TIMERS

## (ELAPSED TIME INDICATORS)

The original and still most commonly used timer is the Elapsed Time Indicator. As with the "Up/Down" Timers, there are three main considerations, 1) Enclosure, 2) Viewing Distance and 3) Controls. All **ESE** Elapsed Time Indicators feature a sixty minute timing range and four digits of LED displays (tenths of seconds are optionally available). These Elapsed Time Indicators are the perfect timing solution for Sporting Events, Industrial Applications and Radio, TV & Recording Studios. (For timing longer events, see page 10 or contact the **ESE** factory for a custom unit.)

### Features:

- Optional & Custom Features Available
- Desk Top, Console, Wall (Camera) & Rack Mount Enclosures
- Remote Input Operation (Easy Interface To Playback Machines)
- Master/Remote Display Arrangements Available
- Simple Installation & Operation
- Sixty Minute Timing Range
- Long-Life LED Displays



### CONSOLE MOUNT / .4" High Display

**ES-570** and **ES-575A** are console mountable sixty minute timers. The bright-red LED displays and the easy-to-mount enclosure with front bezel are perfect for studio consoles, lecterns and other applications where the user is to be within 10 feet of the unit. Controls are accessible on the rear-mounted edge-card connector and option 'M' specifies front bezel switches. Controls on the **ES-570** are Start, Stop and Reset. The **ES-575A** includes a "Freeze" control which temporarily holds the time on the display (until released) while the timer (internally) continues to count. If option "T" (10'ths of seconds) is ordered, the **ES-570U** or **ES-575U** is supplied.

### DESK MOUNT / .56" High Display

The **LX-520U** and **ES-520U** have been the "Flagship" of the "Up Timers" since replacing their predecessor, the ES-510. The four .56" yellow LED displays are complemented by three front-mounted switches (Start, Stop and Reset). The controls are also accessible thru a rear-mounted DB-9 connector. The same connector also allows access to four isolated "Reset" inputs. A serial output of **ESE** Time Code (capable of driving up to 100 of the Digital Timer Displays mentioned on page 5) is also provided.

### DESK MOUNT / 1" High Display & 2.3" High Display

When the viewing distance is to exceed 20 feet, or where "Viewer Impact" or the "Visually Challenged" are a main concern, the **ES-580U** and the **ES-590U** should be considered. The units feature yellow LEDs and a rear-mounted connector which allows access to the Start, Stop and Reset controls (switches are not provided on either unit). Specifying Option "D" provides the three controls (pushbutton switches) mounted to a remote switchplate and connected to the unit via a six foot cable. The 1" displays of the **ES-580U** are viewable from 35 feet while the **ES-590U**'s 2.3" displays are easily read at up to 70 feet.

### SPECIFICATIONS

<b>ES-570/575A</b>	<b>LX-520U</b>	<b>ES-520U</b>	<b>ES-580U</b>	<b>ES-590U</b>
Power: 4 Watts	5 Watts	5 Watts	5 Watts	8 Watts
Electrical: 117VAC, 50/60Hz	117VAC, 50/60Hz	117VAC, 50/60Hz	117VAC, 50/60Hz	117VAC, 50/60Hz
Enclosure: Console Mount	"LX" Style Desk Top	Desk Top	Desk Top	Desk Top
Mechanical (HxWxD): 2.2" x 4.5" x 4.5"	1.7" x 8" x 6"	2.5" x 8" x 6"	5.5" x 10.4" x 6.6"	5.5" x 10.4" x 6.6"
Connector: Edge Card	DB-9 & BNC (Serial)	DB-9	DB-9	DB-9
Controls: Remote	Push-buttons/Remote	Push-buttons/Remote	Remote	Remote
# of Digits: Four (Min-Sec)	Four (Min-Sec)	Four (Min-Sec)	Four (Min-Sec)	Four (Min-Sec)
Display Height: .4" Red	.56" Yellow	.56" Yellow	1" Yellow	2.3" Yellow
Viewing Distance: 10 feet	20 feet	20 feet	35 feet	70 feet
Options: C, D, J, M, T, V(5vdc), W, UL	C, D, J, T, UL	Black, C, D, J, P, P2, Q, T, W, UL	Black, C, D, <b>ESE</b> , J, P, Q, T, UL, W	Black, C, D, <b>ESE</b> , J, Red, P, T, UL, W, Wall

