

Limitimer[®]

Automated Signal Light Timer

Model LIMITIMER PRO-1000

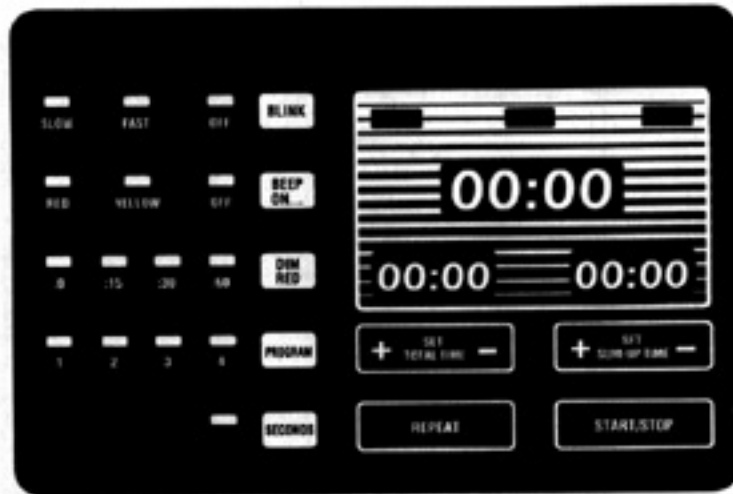
OPERATING INSTRUCTIONS



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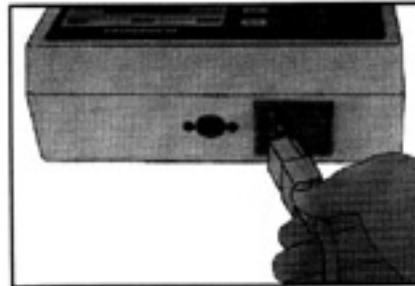
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■ SET-UP

1. Insert female end of power cord into 3-prong socket on back of **LIMITIMER**.



▼ SET POWER SWITCH TO OFF

Attach male end of power cord to 110 or 220V grounded outlet.

2. Connect signal light cable to 5-pin socket. Make sure dimple on plug faces up. Do not force. Use Spinreel cable extension if necessary.



Place Signal Light on lectern or in front of speaker.

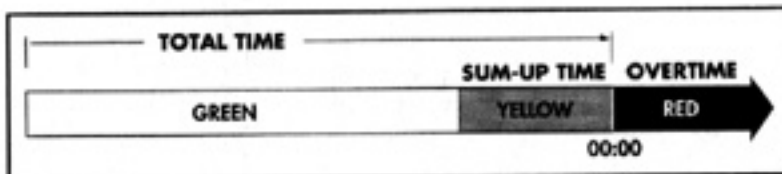
SET POWER SWITCH TO ON

■ SETTING SPEAKING TIME

1. Set **TOTAL TIME** for length of speech in minutes. Maximum setting is 99 minutes.
2. Set **SUM-UP TIME** in minutes. (This is the amount of time the Yellow Light will be on before changing to Red.)



Note: Sum-Up Time is part of — *not* an addition to — **TOTAL TIME**. Therefore, **LIMITIMER** will not accept **SUM-UP TIMES** greater than **TOTAL TIME**.



▼ SETTING SECONDS

1. Press **SECONDS**. Light indicates Seconds Mode is engaged.
2. Set **TOTAL TIME** seconds.
3. Set **SUM-UP TIME** seconds.



▼ MADE A MISTAKE? WANT TO CLEAR DISPLAYS?

Press **REPEAT** two times quickly.



■ STARTING and STOPPING CLOCK

1. Press **START**. Clock starts. "**TIME REMAINING**" (large center numeric display) starts counting down from **TOTAL TIME**. Green, Yellow or Red phase light comes on.
2. Press **STOP**. Clock stops. Current **TIME REMAINING** is displayed. Phase light goes off.
3. Press **START**. Clock restarts counting down from current **TIME REMAINING**. Phase light comes on.



TIME REMAINING

▼ REPEATING TIME FOR NEXT SPEAKER

1. Press **REPEAT**. All displays return to initial settings. Clock Stops.
2. Press **START**.



▼ MAKING NEW TIME SETTINGS

1. Press **STOP**.
2. Press **REPEAT**. (*Important!*)
3. Set new **TOTAL TIME**. Set new **SUM-UP TIME**.
3. Press **START**.

Note: See Page 7 **SETTING PROGRAMS TO PRESET TIMES**.

■ TIME'S-UP WARNINGS: BEEP, BLINK, DIM RED

BLINK - At the end of talk, the red light and numeric display can be made to blink slow, fast, or slow then fast after 15 seconds.



BEEP - Repeats with **BLINK** or beeps once if **BLINK** is **OFF**.

▼ **BEEP-BLINK SETTINGS**

| | | BLINK | | | |
|---|--------------------------|---|---|--|---|
| | | <input type="checkbox"/> SLOW (1/sec) | <input type="checkbox"/> FAST (2/sec) | <input type="checkbox"/> <input type="checkbox"/> SLOW + FAST (Slow →Fast) | <input type="checkbox"/> OFF (None) |
| <input type="checkbox"/> RED | <input type="checkbox"/> | Slow | Fast | Slow →Fast | Beeps once |
| <input type="checkbox"/> YELLOW | <input type="checkbox"/> | Once | Once | Once | Beeps once |
| <input type="checkbox"/> RED + | <input type="checkbox"/> | Slow on Red; Once on Yellow | Fast on Red; Once on Yellow | Slow →Fast on Red; Once on Yellow | Beeps once on Red; Once on Yellow |
| <input type="checkbox"/> YELLOW | <input type="checkbox"/> | | | | |
| <input type="checkbox"/> OFF | <input type="checkbox"/> | Off | Off | Off | Off |

▼ **WHAT IS DIM RED?**

At end of talk, Beep and Blink are delayed for 15, 30, or 60 seconds or begin immediately (00 seconds). Red light is dim during delay and brightens thereafter.

■ **SETTING PROGRAMS TO PRESET TIMES**

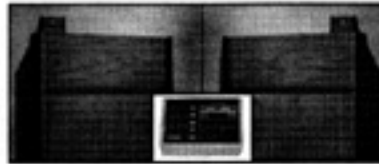
Store time settings and **BLINK-BEEP-DIM RED** options for different speeches. Programs erase when power is turned off.

▼ **HOW TO SET PROGRAMS:**

1. Select Program No. 1, 2, 3 or 4.
2. Set **TOTAL TIME, SUM-UP TIME, BEEP, BLINK, DIM RED.**
3. Press **START** to save.
4. Select next program.

■ OPTIONAL SIGNAL LIGHTS

1. For conferences or debates, multiple Signal Lights may be controlled by one **LIMITIMER**. Use Dual Signal Light Connectors (KES-980) or Dual Signal Light Selector (KES-982).

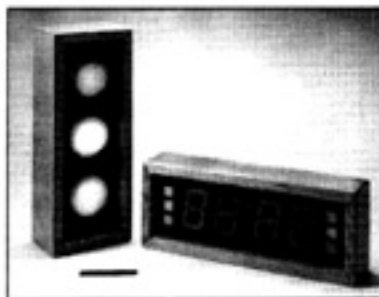


2. For permanent installations PSL-10VF may be mounted flush into lecterns.



3. AUDIENCE SIGNAL LIGHTS
Audience Signal Lights are locally powered from 110 or 220 Volt AC outlet. Digits are 4-inches high and can be seen from 200 feet.

Signal Light cases (9" X 23") are made of attractive hardwood suitable for conference rooms or legislative chambers. Digital display may be used as 12-hour clock.*



*Feature available fall '93

■ TIPS FOR BETTER TIME CONTROL

1. TOTAL TIME and SUM-UP TIME

Time control is one of the keys to successful meetings. **LIMITIMER** not only helps keep speakers and discussions to allotted time, but with its distinctive Green-Yellow-Red lights, it gives meetings a sense of rhythm.

Experience has shown it is best to keep **SUM-UP TIMES** short (less than 10 minutes). A short **SUM-UP TIME** forces a speaker to deliver the main points of a lecture quickly and without digressing. This enables the speaker to give an effective presentation.

| Common SUM-UP TIMES in relation to TOTAL TIMES are: | | | |
|---|------------|---------------|------------|
| 10 minutes.... | 60 minutes | 5 minutes.... | 20 minutes |
| 7 minutes.... | 45 minutes | 3 minutes.... | 15 minutes |
| 5 minutes.... | 30 minutes | 3 minutes.... | 10 minutes |
| 5 minutes.... | 25 minutes | 1 minutes.... | 5 minute |

2. WHAT TO DO WHEN A SPEAKER NEEDS MORE TIME

When the red light appears, a speaker will sometimes insist on making a few additional points and may request more time.

DO NOT TURN OFF LIMITIMER! You risk losing control of the meeting.

If the Signal Light is blinking and/or beeping, turn these off but let the clock continue to run so that all can see the steady Red light. The audience and the speaker must always be aware that the meeting is in "Overtime." If necessary, turn the blink and/or the beep back on if speaker persists.

Alternatively, restart **LIMITIMER** using a 5 or 10-minute **TOTAL TIME**.

3. PLACEMENT OF PODIUM SIGNAL LIGHT

The Podium Signal Light contains lights on both sides. It is difficult for a speaker to resist its commands when he/she knows that the audience sees "Time's Up!"

■ ACCESSORIES

Optional Signal Lights

PSL-10V Podium Signal Light

PSL-10VF Podium Signal Light for flush installation

ASL-4 Audience Signal Light w/4-inch tri-color lights

ASL-4ND Audience Signal Light w/4-inch numeric display

ASL-4ND3 Audience Signal Light w/numeric display and light cubes

CS-518 Carrying case/storage case

CS-827 Large carrying/storage case
(Carries console and ASL)

KES-50 50-ft extension cable

KES-100 100-ft extension cable

KES-980 Dual Signal Light connector

KES-982 Dual Signal Light selector



For service, contact your audio-visual dealer or

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