



## IMPORTANT SAFEGUARDS

When using your Omega Photographic products, basic safety precautions should always be taken, including the following:

1. Read and understand all instructions provided with this product.
2. Close supervision is necessary when this product is used by or near children. Do not leave it unattended while it is plugged into an outlet.
3. Avoid touching the lamp area of enlargers or other hot parts as it may cause burns.
4. Do not operate this product if the power supply cord has been damaged or if the product has been dropped or damaged. Have it checked out and repaired if necessary by qualified service men before using.
5. Route the power supply cord away from hot areas. Do not let the cord hang over a counter edge or across an open area where people pass.
6. If an extension cord is necessary, use one with a suitable rating. Cords rated for less amperage than the product may overheat. Route the extension cord away from open areas where it may be tripped over or pulled.
7. Always unplug the product after use. Grasp the plug and firmly pull from the outlet to disconnect. Never yank the cord from the outlet.
8. Allow the product to cool to room temperature before storing. Wrap the power cord loosely around the product.
9. Do not immerse this product in water or other liquids.
10. To avoid electric shocks, do not attempt to disassemble or repair this product. Always have it serviced by qualified servicemen when necessary.

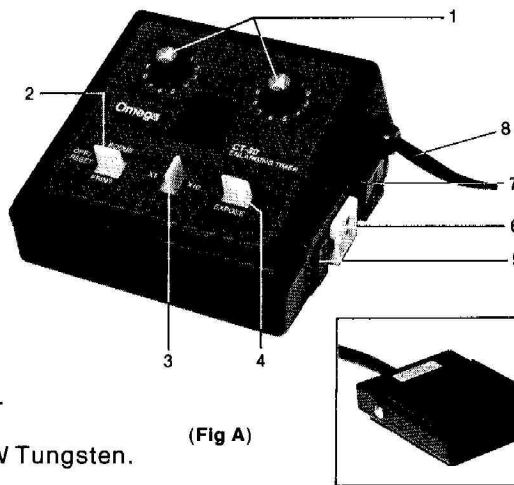
Incorrect reassembly can cause electric shock hazards.

### SAVE THESE INSTRUCTIONS

The text of these safeguards is prescribed by Underwriters Laboratories to be included in this instruction sheet for U.L. listed products.

## Operating Controls and Features:

- 1. Rotary Time Switches**  
Set desired exposure time.
- 2. Function Switch**  
Selects FOCUS/OFF-RESET/PRINT modes.
- 3. Range Switch**  
Sets desired timing range: .1-9.9, or 1-99 seconds.
- 4. Expose Switch**  
Activates timing sequence.
- 5. Footswitch Outlet**  
For optional accessory footswitch (Cat. No. 461-060).
- 6. Safelight Outlet**  
Handles safelights up to 100W Tungsten.



### 7. Enlarger Outlet

Handles enlargers up to 300W Tungsten.

### 8. Line Cord

6' long 3-prong cord in compliance with National Electrical Code requirements.

### 9. Footswitch

Optional accessory (Cat. No. 461-060).

## Setting Up:

1. Omega CT-20 Electronic Timer is supplied with four (4) non-skid rubber pads and when properly positioned will keep the unit secure on the baseboard or table during operation of the switches. To mount the pads, simply remove them, one at a time from the backing and place one pad over each of the four screw holes on the bottom of the timer. If the timer is to be mounted on a wall, **do not** use the rubber pads.
2. The timer is also supplied with two (2) luminous discs which can be placed on anything you want to locate in the dark, such as door knobs, light switches etc. Simply remove the discs from the backing and place where desired.
3. Plug enlarger line cord into timer's "ENLARGER" (Black) outlet (Fig. A7).
4. Plug safelight line cord into timer's "SAFELIGHT" (White) outlet (Fig. A6).
5. If using accessory footswitch, plug into its receptacle on timer (Fig. A5).
6. Plug timer's line cord (Fig. A8) into any suitable 120 VAC 60 Hz. wall outlet.

## General Note:

If you are using a separate line voltage stabilizer the line cord from the timer is plugged into any 120 VAC 60 Hz. outlet. The voltage stabilizer is plugged into the timer, and the enlarger is plugged into the voltage stabilizer

## Operation:

1. Turn rotary time switches (Fig. A1) to set the desired time.
2. Select the desired timing range (Fig. A3)

**Note:** In the X1 range position, the left hand rotary switch sets 0-9 seconds in 1 second increments, and the right hand rotary switch sets 0-.9 seconds in .1 second increments.

In the X10 range position, the left hand rotary switch sets 0-90 seconds in 10 seconds increments, and the right hand rotary switch sets 0-9 seconds in 1 second increments.

## Focusing:

To provide continuous enlarger operation for focusing and composing, set the function switch (Fig. A2) to "FOCUS". In this mode, the safelight lamps connected to the timer will turn off and the enlarger lamp will turn on.

## Making Exposures:

1. Set the timer function switch (Fig. A2) to the "PRINT" position. The enlarger lamp will turn off and the safelight will turn on.
2. Activate exposure by pressing and releasing the "EXPOSE" switch (Fig. A4), or by momentarily depressing the foot treadle if the optional footswitch is used. Audible beep will indicate each second.

During exposures, the safelight will automatically turn off, and then turn on when the exposure has been completed.

## Reset:

During the timing sequence, the exposure may be terminated and the time reset by switching the function switch to the "OFF/RESET" position.

## Specifications:

**Timing Ranges:** ..... 0.1-9.9 seconds in .1 second increments,  
1-99 seconds in 1 second increments

**Maximum Enlarger Capacity:** ..... 300 Watts Tungsten

**Maximum Safelight Capacity:** ..... 100 Watts Tungsten

**Electrical Requirements:** ..... 105-125 VAC 60 Hz.

**Power Consumption:** ..... 5 Watts (Timer only)

**Accuracy:** .....  $\pm 3\%$

**Dimensions:** ..... 6"x6"x3.25" (15.2x15.2x8.3cm)

**Weight:** ..... 2 lbs. (.9kg) approx.

## Optional Accessory

The CS-10 Darkroom Exposure Meter is the perfect companion for your new CT-20 Enlarging Timer. The CS-10 determines the correct exposure time you will need to set your CT-20 for printing from color and black and white negatives and transparencies.

CS-10 Darkroom Exposure Meter  
(Cat. No. 464-110)



Specifications subject to change without notice

*Omega Division*

**BERKEY MARKETING COMPANIES**

25-20 Brooklyn-Queens Expwy. West. Woodside NY 11377 ■ (212) 932-4040

