

CATCON PRODUCTS INC.



OPERATING THE OV201 OVEN TIMER

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OVERVIEW OF THE OV201 TIMER

The Oven Timer OV201 is a replacement for the older Oven Timer OV101. Major improvements are:

1. Use of a State-of-the-art computer chip.
2. A four-digit display.
3. Easily programmed from the front panel.
4. Smaller in size.
5. Better reliability

INSTALLATION.

Installation is much like installing the OV101. The timer has a mounting bracket that mounts either on the oven or nearby facility. The cable from the timer plugs into the oven's mating connector, usually in the back of the oven.

OPERATION.

Operation of the OV201 is the same as that of the OV101.

1. Place the trays of biscuits into the oven, and close the door.
2. Press the switch that represents the number of trays in the oven.
 - 2A. The time will show on the display.
 - 2B. The time will begin counting down.
 - 2C. The Load control will cycle the oven to prevent over-browning of the biscuits.
 - 2D. The switch pressed will begin flashing on and off.
3. When baking is completed, the alarm will sound with a beeping sound.
4. Press the switch that is flashing to turn off the alarm.
5. Remove the biscuits from the oven.

TERMINATING A COOKING CYCLE.

To kill (stop) a cooking cycle, press and hold in the flashing switch for four seconds. When the display shows "rdY" release the switch.

COOKING TIMES AND LOAD CONTROL SETTINGS FOR VARIOUS OVENS.

Display	Used By	OVEN TYPE	Cooking Times	Load Control On Times	Duty Cycle
Or2P	Original Biscuits	SG2	10:00, 10:00,	58, 68, 85, 99	160
Or4P	Original Biscuits	SG4	10:00, 10:00	71, 81, 98, 112	160
Or H	Original Biscuits	Hobart	10:00, 10:00,	85, 160, 160, 160	160
Or r	Original Biscuits	Wolf Range	10:00, 10:00	80, 120, 160, NA	160
Fr2P	Frozen Biscuits	SG2	12:00, 12:00,	58, 68, 85, 99	160
Fr4P	Frozen Biscuits	SG4	13:00, NA	71, 81, 98, 112	160
Fr H	Frozen Biscuits	Hobart	10:30, 13.00,		
Fr r	Frozen Biscuits	Wolf Range	13:00, NA	80, 120, 160, NA	160
			6:00, 6:00, 6:00, 6:00		
			6:00, 6:00, 6:00, 6:00		
			Not used		
			10:30, 13.00, 13:00, NA		

PROGRAMMING THE OV201.

A. ENTERING THE PROGRAMMING MODE.

- A1. Press Switch 1 (P) and Switch 4 (P) simultaneously. The display will show "SEL1."
- A2. Press the Switch indicated in Table 1 below to change the desired item.

TO CHANGE THIS	PRESS THIS SWITCH
Change Baking Time	Switch 1 (B1 below)
Change Load Control On Time	Switch 2 (C1 below)
Change to different type of Oven	Switch 3 (D1 below)
Change Duty Cycle	Switch 4 (E1 below)

TABLE 1. ITEMS THAT CAN BE CHANGED

B. PROGRAMMING THE BAKING TIME.

- B1. When Switch 1 (T) is pressed, it tells the computer that a Baking Time is to be changed. The display will show “ 2,” meaning, make another selection (Step B2).
- B2. Next, press the Switch whose Baking Time is to be changed. The time for that switch will show in the display.
- B3. Press Switch 2 (+) to increase the minutes. Note, to increase the seconds, press in Switch 1 while pressing Switch 2, the “+” switch.
- B4. Press Switch 3 (-) to decrease the minutes, Note, to decrease the seconds, press in Switch 1 while pressing Switch 3 (-).
- B5. When the desired Baking Time is shown in the display, press Switch 4 (E). The new time is now stored into memory. The display will show “SEL1.”
- B6. To change another item, go back to paragraph A2, or to exit the program mode, press Switch 1 and Switch 4 simultaneously.

C. PROGRAMMING THE LOAD CONTROL ON TIME.

- C1. When Switch 2 (T) is pressed, it tells the computer that an On Time is to be changed. The display will show “ 2,” meaning, make another selection (Step C2).
- C2. Next, press the Switch whose Baking Time is to be changed. Select one of the four channels. The time for that switch will show in the display.
- C3. Press Switch 2 (+) to increase the minutes. Note, to increase the seconds, press in Switch 1 while pressing Switch 2, the “+” switch.
- C4. Press Switch 3 (-) to decrease the minutes, Note, to decrease the seconds, press in Switch 1 while pressing Switch 3 (-).
- C5. When the desired On Time is shown in the display, press Switch 4 (E). The new time is now stored into memory. The display will show “SEL1.”
- C6. To change another item, go back to paragraph A2, or to exit the program mode, press Switch 1 and Switch 4 simultaneously.

D. CHANGING THE OVEN TYPE.

When Switch 3 is pressed (from paragraph A2 above), letters and numbers will show in the display. The letters and numbers are a code that indicates the type of oven presently programmed for the OV201. These codes are listed below:

Display Code	Fr H Fr r	Used By	Frozen Biscuits Frozen Biscuits	Oven Type	Hobart Wolf Range
Or2P		Original Biscuits		SG2	
Or4P		Original Biscuits		SG4	
Or H		Original Biscuits		Hobart	
Or r		Original Biscuits		Wolf Range	
Fr2P		Frozen Biscuits		SG2	
Fr4P		Frozen Biscuits		SG4	

Cooking Times	Load Control On Times	Duty Cycle
10:00, 10:00,	58, 68, 85, 99	160
10:00, 10:00	71, 81, 98, 112	160
10:00, 10:00,	85, 160, 160, 160	160
10:00, 10:00	80, 120, 160, NA	160
12:00, 12:00,	58, 68, 85, 99	160
13:00, NA	71, 81, 98, 112	160
10:30, 13.00,		
13:00, NA	80, 120, 160, NA	160
6:00, 6:00, 6:00,		
6:00		
6:00, 6:00, 6:00,		
6:00		
Not Used		
10:30, 13.00,		
13:00, NA		

To change Oven Type:

- D1. Press Switch 2 to move down the list.
- D2. Press Switch 3 to go up the list.
- D3. When the desired Oven Type is showing in the display, press Switch 4 to store the Oven Type into memory.
- D5. To change another item, go back to paragraph A2, or to exit the program mode, press Switch 1 and Switch 4 simultaneously

E. Changing the Duty Cycle (DO NOT Change This Setting Unless Directed to Do So).

When Switch 4 is pressed (from paragraph A2 above), the Duty Cycle Time will show in the display. To change the Duty Cycle Time, perform the following steps:

- E1. Press Switch 2 (+) to increase the Duty Cycle Time.
- E2. Press Switch 3 (-) to decrease the Duty Cycle Time.
- E3. When the desired Duty Cycle is showing in the display, press Switch 4 to store the change into memory.
- E4. To change another item, go back to paragraph A2, or to exit the program mode, press Switch 1 and Switch 4 simultaneously