

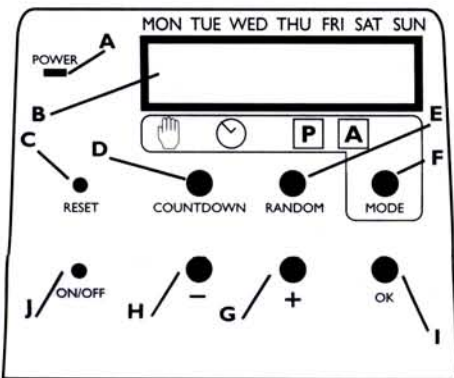
KINGSHIELD

EASY SET PLUG IN SECURITY TIMERS

OPERATING INSTRUCTIONS

T20B

7 DAY TIMER



- A. Power On neon
- B. LCD display
- C. Reset button
- D. Countdown button
- E. RANDOM button
- F. MODE button
- G. Digit selector
- H. Digit selector
- I. OK button
- J. On/Off button

OPERATING INSTRUCTIONS

Thank you for purchasing a quality security timer from Kingshield. Please read these instructions fully prior to initial use.

KEEP THESE INSTRUCTIONS SAFELY FOR FUTURE REFERENCE.

Before operating open the battery compartment on the back of the unit and remove the battery freshness tab. Ensure that the batteries are inserted the right way round. Close the battery compartment. These batteries will power the unit in the event of a power failure and will save the pre-set operating times. Press RESET with tip of ball point pen in order to ensure that the timer's memory bank is clear.

WARNING

Do not use the timer with appliances which are not designed to be left unattended eg. electric fires.

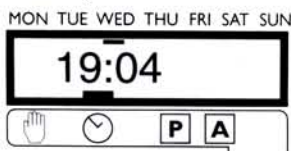
1. SETTING THE PRESENT DAY AND TIME

DAY

- a) Press **MODE** to move the bottom bar above the position.
- b) Press + or - until the day bar is below the required day. PRESS **OK** to confirm. The hour will be flashing.

TIME

- c) Press + or - to select the current hour which is flashing. PRESS **OK** to confirm.
- d) Press + or - to select the current minute which is flashing. PRESS **OK** to confirm.



The next stage is to enter the programmes for **ON** and **OFF** times.

Your Kingshield timer has a total of 6 ON and 6 OFF times available, plus 2 random modes which are pre-programmed to switch ON and OFF at irregular intervals.

PROGRAMMING ON AND OFF TIMES

As the programming options are numerous, it is advisable to plan your required ON and OFF times in advance. Fill in the programme planner below, which will help you avoid mistakes and "overlapping" times.

PROGRAMME PLANNER

e.g. The time set in programme 1 will switch ON at 10.20 and OFF at 13.20 daily.

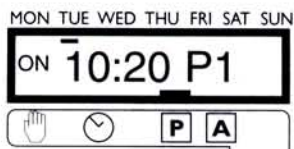
	ON TIME	OFF TIME
e.g. PROG 1	10.20	13.20
PROG No. 1		
PROG No. 2		
PROG No. 3		
PROG No. 4		
PROG No. 5		
PROG No. 6		
RANDOM SELECTION		

2. SETTING OR CHANGING PROGRAMMES

ON SETTINGS

- a) Press **MODE** to move the bar to the position. "ON" and "P1" will be flashing.
- b) Press + or - to select the required program number. PRESS **OK** to confirm. Day bar will be flashing.
- c) Press + or - to select the required day. To switch on. PRESS **OK** to confirm.
- d) To set time press + or - to select the required hour which is flashing. PRESS **OK** to confirm. Press + or - to select the required minutes which are flashing. PRESS **OK** to confirm.

E.G.



Timer set to come ON at 10.20 on Tuesday in programme 1

The display will now show the word OFF to indicate that the OFF time is ready to be programmed in and the "day" will be flashing.

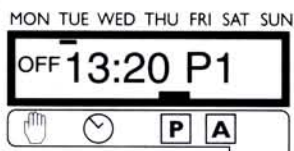
OFF SETTINGS

- e) To programme OFF Day Press + or - to select the required day. PRESS **OK** to confirm.

NB: If all days are selected when setting "ON" times, all days will automatically be selected when setting "OFF" times.

- f) To programme the OFF time which is flashing press + or - to select the required hour. PRESS **OK** to confirm. Press + or - to select the minute digits which are flashing.

E.G.



Timer set to turn OFF at 13.20 on Tuesday in programme 1

PRESS **OK** to confirm. You can use the remaining programmes (maximum of 6) by repeating the previous 2b to 2f steps. It is not necessary to use all 6 programmes.

E.G. MON TUE WED THU FRI SAT SUN

ON 15:05 P2



Timer set to come ON at 15.05 and OFF at 16.05 on Tuesday in programme 2

MON TUE WED THU FRI SAT SUN

OFF 16:05 P2



After programming move the bar to the **A** position by pressing **MODE**. The centre dots will flash. The timer is now operational and will run all the pre set programmes.

E.G. MON TUE WED THU FRI SAT SUN

OFF 14:35



Set to run programme

If you want to temporarily switch the timer ON or OFF, simply press the **ON/OFF** Key. "ON" or "OFF" will then flash to show the programme has been overridden. The timer will return to Auto Mode when the next programme starts.

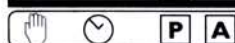
3. RANDOM TIMING

Your Kingsfield timer has built-in-pre-programmed random timing function. You could, for instance use this facility with a table lamp, which would go on and off at random times to give the impression that someone is at home. To use the random function:

a) Press **MODE** to **P** position. Press + or - until the word "ALL" appears along with "ON" and "r" flashing in the top left hand and bottom right hand corners respectively. (If **RANDOM** setting option has been used previously, then "ALL" will be replaced by the previously set time). PRESS **OK** to confirm.

E.G. MON TUE WED THU FRI SAT SUN

ON ALL r

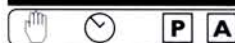


Example showing random mode selected

b) Set the day(s) you require the random operation by pressing + or - PRESS **OK** to confirm. "ALL" will flash.
 c) Set the time you require random operation to start by pressing + or - to set the required hour. PRESS **OK** to confirm. Press + or - to set the required minute. PRESS **OK** to confirm.
 d) To set the OFF day and time repeat c) above.
 e) Repeat steps 3(a) to 3(c) to programme random setting 2 if desired. Press **RANDOM** button to start the random timing function. When random mode is selected "r" will flash in the bottom right hand corner and **ON** or **OFF** will be displaying on the left hand side.

E.G. MON TUE WED THU FRI SAT SUN

ON 10:00 r



Example showing random mode selected

f) If you want the random function to be active all day (24 hours) set **ON** and **OFF** times to read the same by using the procedures in section 3a and 3b, then press **RANDOM**. This clears all other pre-set random timing memory and allows the random function to operate continuously. Ideal if you are away for more than a day.

4. MANUAL MODE

It is possible to switch the timer ON or OFF manually. Simply press **MODE** to move the bar above " " diagram and Press **ON/OFF** to switch the timer ON or OFF.

5. REVIEWING AND/OR CLEARING PROGRAMMES

- Press **MODE** to move bottom bar to the **P** position.
- PRESS **OK** repeatedly in order to step through your programme schedules. Any amendments to **ON** and **OFF** times can be made here.
- To clear a programme schedule, change the **ON** and **OFF** time settings so they are the same, which will cancel it from then on.

6. COUNT DOWN MODE

The countdown timer mode is ideal in situations where you want your TV, radio, iron, lamp ect to turn off automatically after a set period of time. For example as a sleep facility on a TV or radio, or to make sure the iron is not left on by accident after it has been finished with.

- Press **countdown** to enter count down mode.
- Press **countdown** to increase the countdown time in the steps as shown below.
Steps: 10min > 20min > 30min > 1hr > 2hr >...>24 hr
- Press + or - to adjust the countdown time in 1 minute steps. After the countdown time is finished the timer will return to either manual mode, clock or auto mode.

In case of any difficulty, please ring our technical **HELP LINE** on 01279 641800.
Please ensure you have product close to hand.

PLEASE KEEP OPERATING INSTRUCTIONS SAFELY FOR FUTURE REFERENCE



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