



INSTALLATION / OPERATING INSTRUCTIONS FOR 7 DAY ELECTRONIC PLUG-IN TIMER

MODEL NUMBER: T17B-C.

Please read these instructions fully before attempting installation.

OPERATING INSTRUCTIONS

- Timer uses a standard AAA size non-rechargeable battery to back up the timer memory function. The battery allows for programming while the unit is not plugged in and provides for memory retention during power failures. The battery back up will last at least 150 hours.

CURRENT TIME AND DAY SETTING

1. Press the R button to reset the timer to its default settings, activate using a pencil or similar point instrument. (pressing R will delete all stored programmes)
2. Press Y to enter function setup. (Note: If another button is not pressed within 10 seconds the display will revert to the normal screen)
3. Use the + or - button to scroll to the clock icon (flashing) and press Y to enter the current time setting mode (hours flashing).
4. If you keep the + or - buttons pressed for more than 3 seconds, the display will enter fast scroll mode.
5. Use the + or - button to adjust the hours and press Y to confirm, minutes will flash.
6. Use the + or - button to adjust the minutes and press Y to confirm, day will flash.
7. Use the + or - button to adjust the day and press N to exit.

PROGRAMMING THE SWITCHING TIMES

1. There are 24 ON/OFF programmes available
2. Press the Y button twice to enter the programme setting mode. (Note: If another button is not pressed within 10 seconds the display will revert to the normal screen)
3. Default is programme 01 ON, this can be changed if required by pressing the + or - button to scroll through the 24 ON/OFF programmes as required, pressing the Y will confirm the programme.

4. Press the Y button to confirm programme 01 ON, hours will flash.
5. Use the + or - button to adjust the hours and press Y to confirm, minutes will flash.
6. Use the + or - button to adjust the minutes and press Y to confirm, days will flash.
7. Apart from individual days of the week, the following day combinations of multiple day blocks can be selected by pressing the + or - buttons.

- Monday to Sunday
- Monday to Friday
- Saturday & Sunday
- Monday to Saturday
- Monday + Wednesday + Friday
- Tuesday + Thursday + Saturday
- Monday + Tuesday + Wednesday
- Thursday + Friday + Saturday



8. Select day or day block as required and press the Y button to confirm.
9. Press the + button, this will select the programme 01 OFF, press Y to confirm.
10. Follow 4 to 7 above to set the 01 OFF programme. (day or day block must be the same as programme ON)
11. If no more programmes are required, press the N button to exit.
12. If more programmes are required, follow 3 above.
13. To cancel a programme once set, press and hold the N button for more than 3 seconds when the desired programme number is flashing, i.e. to cancel programme 01 ON, press the Y button twice and hold the N button down for more than 3 seconds to delete. Pressing the + button again will select the 01 OFF.
14. Repeat 13 to delete 01 OFF. This procedure can be repeated to delete any of the 24 programmes.

TIMER COUNTDOWN FUNCTION

1. Timer has a 100 hour countdown feature i.e. The timer can be set to any period from 1 minute to 100 hours and will countdown in the ON state and turn OFF at the end of the countdown period.
2. Press the Y button then use the + or - button to select the "down" icon on the right hand side of the display, press Y again to enter the countdown mode.
3. Use the + or - button to adjust the hours and press Y to confirm, minutes will flash.
4. Use the + or - button to adjust the minutes and press Y to confirm and complete the countdown time setting.

5. Press the N button to start the countdown.
6. Output switched to ON during the countdown period.
7. Press the N button to pause the countdown (output switched to OFF)
8. To resume countdown simply press the N button again.
9. Press and hold the N button for more than 3 seconds to exit the countdown function.

MANUAL OVERRIDE

1. When in normal clock mode, pressing the N button will scroll through the following switching options.
 - ALWAYS ON - timer is permanently ON.
 -  PROG - timer is in programme ON mode, will switch off at the next programme OFF time.
 - ALWAYS OFF - timer is permanently OFF
 - PROG  - timer is in programme OFF mode, will switch on at the next programme ON time.

SUMMER TIME SETTING

1. Press the Y button, then use the + or - buttons to scroll through to "summer" (flashing).
2. Press the Y button again to access the summer time setting.
3. Press the + or - button to change between summer on or off.
4. Press Y to confirm summer setting, time will advance by 1 hour.
5. A "SUMMER" icon will appear in the display.
6. Use the same procedure to remove the "SUMMER" icon when reverting to GMT in the winter.

RANDOM SETTING

The random setting allows the timer to switch ON and OFF with a random delay of between 2 and 32 minutes. This function will only operate if one or more switching programmes have been programmed into the timer.

1. Press the Y button, then use the + or - buttons to scroll through to "RANDOM" (flashing).
2. Press the Y button again to access the random setting.
3. Pressing the + or - buttons will toggle the random icon on and off.
4. Press the Y button to confirm random function.
5. A "RANDOM" function icon will appear in the display.
6. Timer will now operate in the random mode.
7. To cancel random feature use the procedure above to remove the "RANDOM" icon from the display.

RESET

Pressing the reset button R with a pencil or similar will reset all programmed times and set time of day to zero.

READING YOUR PROGRAMMED TIMES

1. Press the Y button twice to enter programme mode.
2. Press the + or - buttons to scroll through the 24 ON/OFF programmes to check settings.
3. Press the N button to exit and revert to clock mode.

BATTERY REPLACEMENT

If the display disappears when the timer is unplugged or during a power failure, the AAA battery needs replacing. Remove the battery cover at the top rear of the timer, and replace battery with a new AAA non-chargeable battery. Ensure that the battery polarities (+ and -) match those inside the battery compartment. Replace into timer and check display. Current time of day and programmes can now be entered.

TECHNICAL DATA

Switching capacity:	230 Vac, 3000W, 13A resistive 2A inductive
Ambient temperature:	-10°C to +55°C
Running reserve:	150 HOURS +
Memory location:	24
Shortest switching time:	1 minute
Programmable:	Every minute

GUARANTEE

Your KingShield 7 Day Electronic Plug-in Timer is guaranteed for 12 months from the date of purchase. This does not affect your statutory rights.

PLEASE KEEP THESE INSTRUCTIONS SAFE FOR FUTURE REFERENCE

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