

# DIGITAL LAP TIMER



*User Manual*



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The **KE Digital Lap Timer** was designed and developed in South Africa. Much research and testing went into producing a reliable IR version in the strong African sun.

Compact, battery operated with auto power off and non volatile memory for storing lap times makes the **KE Digital Lap Timer** ideal for any track application.



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## **GETTING STARTED**

### Transmitter Features (on track surface)

Magnetic strip is installed in the track surface

There may be more than one strip at a particular track, used for split timing

### Receiver Features (on bike)

120 Lap memory

Real time LCD display, shows current and previous lap times

User friendly

Microprocessor controlled

Locally supported

Auto shut-off after 15 minutes

## KE LAP TIMER PARTS



Transmitter not used on magnetic version

Receiver



Power Cable



Track Pack



9v PP3 Battery

## DISPLAY AND BUTTONS



**ON** button - turns unit on  
displays last lap times

**OFF** button - press and hold to turn unit off

See user guide for other functions regarding ON and OFF buttons.



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## KE LAP TIMER USER GUIDE

### SETTINGS:

Press the ON button.

*00 : 00 : 00*

is displayed

OR

*XX : XX : XX*

the last recorded lap time

To enter the settings menu, press and hold the ON button while holding the OFF button.

*SETTINGS*

is displayed

Release both buttons.

*BLANK*

then

*BLK 015*

is displayed

Adjust the BLANKING time up or down using the ON or OFF buttons respectively. Holding the button in, speeds up the process.

Valid times are 0 to 240, default = 015.

This is the time the receiver will ignore any incoming signal from transponders and should be set at a time just below your fastest lap time on a particular circuit.

If split timing is used set this time just below the first section split time. Up to 2 split times may be recorded with the second time being the sum of the first and second giving a total lap time.

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*LAP HOLD* then *LAP 30* is displayed

Adjust the LAP HOLD time up or down using the ON or OFF buttons respectively. Holding the button in, speeds up the process.

This is the time that the last lap will be displayed for, before time resumes on the current lap.

Valid times are 0 to 59, default = 30.

Ensure this time is set below the BLANKING time OR below your fastest lap time on a particular circuit.

*SPLIT* then *MAG 01* is displayed

Adjust the SPLIT up or down using the ON or OFF buttons respectively. Holding the button in, speeds up the process.

Valid times are 1 to 2, where 1 is for no split timing and 2 is for two magnetic senders installed at a particular track.

**NB NB NB** - times are in seconds, ie: 60 = 1 minute.

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## **DEFAULT SETTINGS:**

Connect unit to power source, vehicle power or battery.  
Press and hold the ON button while holding the OFF button.

*ERASE ??*

is displayed

Continue holding both buttons until

*CLR LAPS*

is displayed

Release the buttons to clear LAP TIMES or continue holding until

*CLR ALL*

is displayed

This clears the LAP TIMES and sets the BLANKING TIME, LAP HOLD and SPLIT values back to default settings.

## OPERATION:

Press the ON button.

00 : 00 : 00

is displayed

OR

XX : XX : XX

the last recorded lap time

Move the pickup past a magnet or across the magnetic strip at the track.

The unit begins counting, ignoring any signal from the sender, for the duration of the BLANKING time, default = 15 seconds.

Trigger the timer by moving the pickup past a magnet again.

LAP NO XXX

is displayed

followed by the actual time for that lap which is displayed for as long as the LAP HOLD time, default = 30 seconds.

Unit continues counting the next lap time, up to 120 laps are recorded and then the timer reverts back to lap 1, over-writing old times, first in first out basis.

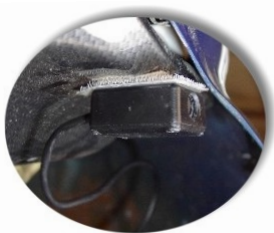
Press the ON button after a session to stop the counting cycle. The fastest lap will automatically be displayed first. Press the ON button repeatedly to display all the recorded times. If no button is pressed for 10 seconds the unit automatically reverts back to the timing cycle. If no buttons are pressed and no signal is received after 15 minutes, the unit switches off to preserve battery power OR press and hold the OFF button to switch the unit off.

If split timing is used lap one will be split time one and the second lap will be the sum of lap one and two resulting in the total lap time. The fastest lap displayed will be the fastest split time and not the fastest total lap time.

## INSTALLATION



Receiver on bike



Pickup on bike

Magnetic pickup on bike must be installed as close to track surface with screw heads facing the track surface and the wire exiting the rear of the pickup  
Follow arrow instructions on pickup

## GUARANTEE

The manufacturer warrants this product for a period of one year against manufacturing defects.

## **TRACK TIMES**

Date

Track

Best Time

_____	_____	_____
_____	_____	_____
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## **TRACK TIMES**

Date

Track

Best Time

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## TRACK TIMES

Date

Track

Best Time

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## TRACK TIMES

Date

Track

Best Time

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