

INSTRUCTIONS

RALLY MONTE-CARLO



MONTECARLO MODE

With the Monte-Carlo Mode you have 2 trips available, one for each stage ZR and one global one for the whole section, the ST00 (Long Link).

▶ ACTIVATING THE MONTECARLO MODE

1- Turn off the BLUNIK

2- Press **START** and hold for 5 seconds until you see

```
*** English ***
* BLUNIK II *
```

3- Press **MODE CALIBRATION** until you see "MonteCarlo Mode"

Press **+** **-** to change the language.

4- Press **ENTER SELECT** to exit.

DAILY PROGRAMMING

▶ SYNCHRONIZE THE CLOCK

```
Time T08:10:56
ST00 L Dxx:xx:xx
```

PARAM
◀VIEW ▶

```
CLOCK SYNCHRO
08:11:00.00
```

◀ ▶ + - ▶ Time to synchronize.

ENTER
SELECT ▶

```
SYNCHRO OK !!!
08:11:00.00
```

▶ PARAMETERS

Press **PARAM** ◀VIEW ▶ to enter the parameters.

Use the keys **VIEW** ▶ & ◀ ▶ + - ▶ to change the values.

Clock Synchro = according to your needs

Tires Selection = according to your needs

Calibration = according to your needs

Sensor Selection = according to your needs

- **Blue Led** = 0,3 seconds (recommended)
Br Gr Re Se Ac = according to your needs
- **Last Digit** = enabled
- **Difference** = distance
- **Distance units** = Km
- **+ - correction** = 10m (recommended)
- **START KEY** = Synchro
Synchro offset (only for experts)
- **START in STAGE** = disabled
Gap Marker = not necessary
Sensor Trigger = according to your needs

PREPARING SECTION (LONG LINK ST00)

▶ PROGRAMMING ST00 (LONG LINK)

```
Time T08:10:56 Select ST00 with keys
ST00 Dxx:xx:xx + -
```

Press **STAGE** to program.

```
ST00 MC xx:xx:xx Program the total time
%00k000 T5h05m00 for the section.
```

(MC = means MonteCarlo)

VIEW ▶

```
ST00 (A) With the keys + -
%xxx.xx 228k130 program the final
distance of the section.
```

Press **ZERO** CALCULATE to calculate the average speed.

```
ST00 (A) END Press ENTER
%044.87 228k130 SELECT to exit.
```

▶ SET THE LONG LINK'S DISTANCE TO ZERO

```
Time T08:10:56 Select ST00 with the
ST00 Dxx:xx:xx keys + -
```

Press **STAGE** to program.

```
ST00 MC xx:xx:xx Press ZERO
%00k000 T5h05m00 CALCULATE to set the
Long-Link's trip to
000k00
```

```
ST00 MC xx:xx:xx Press ENTER
TRIP=0 SELECT to exit.
```

SECTION (LONG LINK ST00)

▶ SECTION START

Time T08:10:56 Press **START**
ST00 L Sxx:xx:xx (In place and about 10
seconds until starting)
T00k000 L S 00.0 See countdown and
To go! 00:00.2 distance 0k00

T00k012 L S 00.0
-00k025 \bar{t} =44.87 (L = means Long-Link)

▶ CALIBRATING DURING THE SECTION

T57k142 L S 35.2 Press **ZERO**
P57k142 \bar{t} =45.02 **CALCULATE** at the
start of the calibration
area (stopped or driving)

T62k479 L S 37.1 Press **ZERO**
P05k337 \bar{t} =45.02 **CALCULATE** at the
end of the calibration
area (sopped or driving)

Press **MODE** until you see the calibration
screen

Measured 05337 With **←** **+** **-** **→** set
Road Book 05330 your road-book's
calibration distance.

Press **ENTER** to validate.

Calibrated !! Automatically you'll see:
(A) 06230 / 01 **Your new calibration**

▶ STOPPING LONG-LINK (PROVISIONAL) TO DO STAGES ZR

T78k420 L S 00.0 Press **FINISH** + **FINISH**
-00k230 \bar{t} =45.02 **OFF** twice.

Time T08:10:56 Provisional end of
ST00 L Sxx:xx:xx Long-Link.

(Blunik saves Total distance in memory)

STAGES ZR

▶ PROGRAMMING STAGES ZR

Press **STAGE** to program.

ST12 AS xx:xx:xx
%000k124 T00h35

Choose "AVERAGE SPEED" Mode with key **MODE**
Program Offset distance (*). Program the intended
total time (If you don't know this time, set a long
value)

It isn't necessary to program the starting time (as
we have the parameter set to "Synchro Start")

VIEW ▶ ST12 (A)
AS049.00 012k540

Program the average speed to follow until the
appropriate distance.

VIEW ▶ ST12 (B)
AS048.50 023k330

Program all the average speeds and changing
points you need.

Press **ENTER** to exit programming.

(**) The Offset distance is the distance between the
pre-starting point of your road-book, with adistance
of 00K000, and the real racing day starting point.*

▶ STAGE ZR START

Time T08:10:56
ST00 Sxx:xx:xx Select the appropriate
stage ZR with the keys **←** **+** **-** **→**

Press **START** at the stage ZR's real starting line
when there are about 10 seconds for your starting
time.

T000k124 5000.0 See Offset distance.
To go! 0:09.2 See countdown.

STAGES ZR

▶ ENDING STAGE ZR (provisional)

T015k210 F 550.1
-00k010 \bar{t} =48.0

Press **FINISH** exactly at the finish line, to freeze
the screen and see the stage ZR's data.
Take note.

If you press nothing or key **VIEW** you return to
the stage ZR screen.

▶ RETURN TO LONG-LINK (End definitive stage ZR)

T015k210 = 550.1 Press **FINISH** + **FINISH**
-00k010 \bar{t} =48.0 **OFF** twice.
(stopped or while driving)

T015k210 = 550.1
LINK Continues...

T93K670 L S 50.1 Now you are in stage
-00k820 \bar{t} =44.87 ST00 Long-Link (L)

The total distance is the sum of the distance
traveled in ST00 and the distance traveled in the
stages ZR. (The programmed Offset distance is
not added)

▶ ENDING LONG-LINK

T228k130 = 500.0 Press **FINISH** + **FINISH**
+00k510 \bar{t} =48.0 **OFF** twice.

Time T22:40:06
ST00 L Sxx:xx:xx

▶ CORRECTING DISTANCES

T64k479 = S 42.0
-00k230 η =45.02

ZERO
CALCULATE

Press on the visual reference.

T64k479 = S 37.1
P05k337 η =45.02

Example: If the road-book says 64,52

You must add 0,041m = 64,52 - 64,479.

• OPTION A:

Press the key **+**, and with keys **← + - →** you must enter +0,041.

UPDATE TOTAL
+ 0041 units

Press **ENTER SELECT** to validate.

* You must press **-** if you have to remove meters (negative distance, example: -0,041) and use the keys **← + - →** to enter the value.

• OPTION B:

With the keys **← →** you can add meters 10 by 10 (or according to the parameter configuration)

Press 4 times **▶ +10** to add 40m (value +0,04)

T64k520 = S 42.0
P00k230 η =45.02

The meters you have added will appear in the total sum.

▶ IN STAGE ZR VIEWS

Total Distance Probes Speed

T01k088 = S 48.1
+00k208 =40.00

Regularity difference

Imposed average speed

Regularity information screen.

Total Distance Probes Speed

T00k088 = S 38.1
P00k088 Z =40.00

Partial distance

Imposed speed

Means screen is frozen for 5 seconds

Screen to follow the partial distance.

ZERO
CALCULATE

It freezes if you press the key

Total Distance Probes Speed

T00k088 = S 38.1
C01:50.5 =40.00

Chrono

Imposed speed

Chrono screen.

ZERO
CALCULATE

The key fixes the chrono during 5 seconds.

Remaining distance to complete stage ZR
Clock

T13:09:00 97k24
R01:50.26 =40.00

Imposed speed
Time left until the end of the section

Link screen.

This screen will only appear if you have programmed the total section time.

With SPORT DRIVE



SPORT DRIVE automatic corrections

Total distance Probes
T00k088 = 012.1
+00k208 010.0

Regularity difference

Corrections made by the Co-pilot

Screen with information on the corrections carried out.

▶ WITH SPORT DRIVE OR SPORT CALCULATOR

• EXAMPLE A:

Total Distance SPORT DRIVE corrections

T15k210 F 080.0
-00k010 050.2

Regularity distance

Co-pilot corrections

SPORT DRIVE corrections.....80.0
CO-PILOT corrections.....48.0
Adjust meters at the end of stage ZR.....-02.0

The objective of the SPORT DRIVE is to correct the total 80+48-2=128, that is, you want to increase the % multiplying by 1.6 (128/80=1.6)

* SPORT DRIVE * Previous %
+ <<16% 8%>>

* SPORT DRIVE * % multiplying by 1.6
+ <<25% 12%>>

• EXAMPLE B:

Total Distance SPORT DRIVE corrections

T15k210 F 120.0
-00k010 030.2

Regularity distance

Co-pilot corrections

SPORT DRIVE corrections.....120.0
CO-PILOT corrections.....-30.0
Adjust meters at the end of stage ZR.....-00.0

The objective of the SPORT DRIVE is to correct the total 120-30=90, that is, you want to reduce the % multiplying by 0,75 (90/120=0,75)

* SPORT DRIVE * Previous %
+ <<25% 12%>>

* SPORT DRIVE * % multiplying by 0.75
+ <<18% 9%>>