

Lap Counter USB

```
function loadTabControl_25694() { window.TC_25694 = new Array(); i = 0;
$$('#tabcontrol_25694').each(function(s) { i++; elements = s.getElements('.tabs'); if(elements.length){ var
tcControl = new TabControl(s, { delay: 2500, tab_remember: 0, tab_cookieName:
'tabcontrolcookie-25694', tab_control: 'tabcontrol_25694', behaviour: 'click', tabs: s.getElements('.tabs'),
panes: s.getElements('.panes'), selectedClass: 'selected', hoverClass: 'hover' });
window.addEventListener("hashchange",function(){ tcControl.onTabHashChange(); }); window.TC_25694[i] =
tcControl; } }); } /* * Bootstrap */ (function($) { window.addEventListener('domready', loadTabControl_25694);
})(document.id);
```

- Overview
- Accessories
- Pictures

The LAP COUNTER USB, successor to the well known and popular LAP COUNTER, is a reasonably priced lap-counting-system for RC-cars of all scales. It has been especially developed and is applicable for use in mini-RC-cars of 1:18, 1:20 and 1:27(Mini-Z) scale.

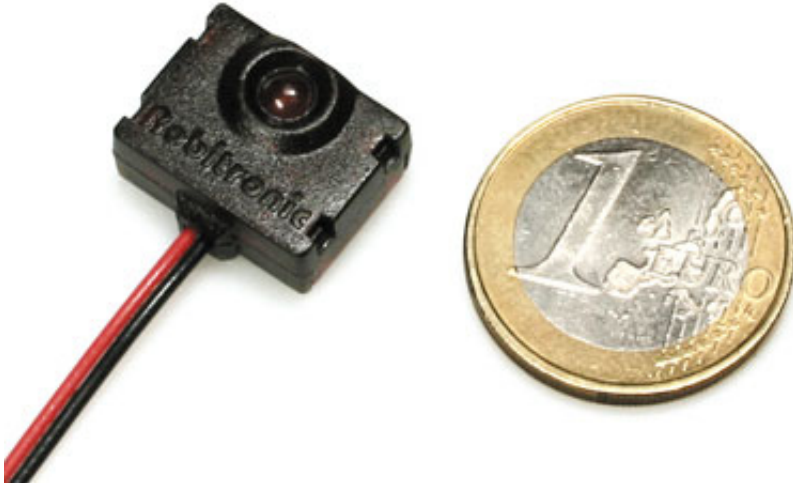
Now even easier to install and use than ever before!

Features

- ▶ **Lap-counting-system for RC-models of all scales**
- ▶ **Suitable for in- and outdoor tracks**
- ▶ **Any number of vehicles can be counted at the same time**
- ▶ **Personal transponder with unique ID number**
- ▶ **Extremely small and lightweight transponder (12x16x7mm @ 3g)**
- ▶ **Thanks to the new USB HID technology no drivers are needed**
- ▶ **The power feed of the receiver modules/loop now works through the USB port**
- ▶ **No additional power feed via external power supply is needed**



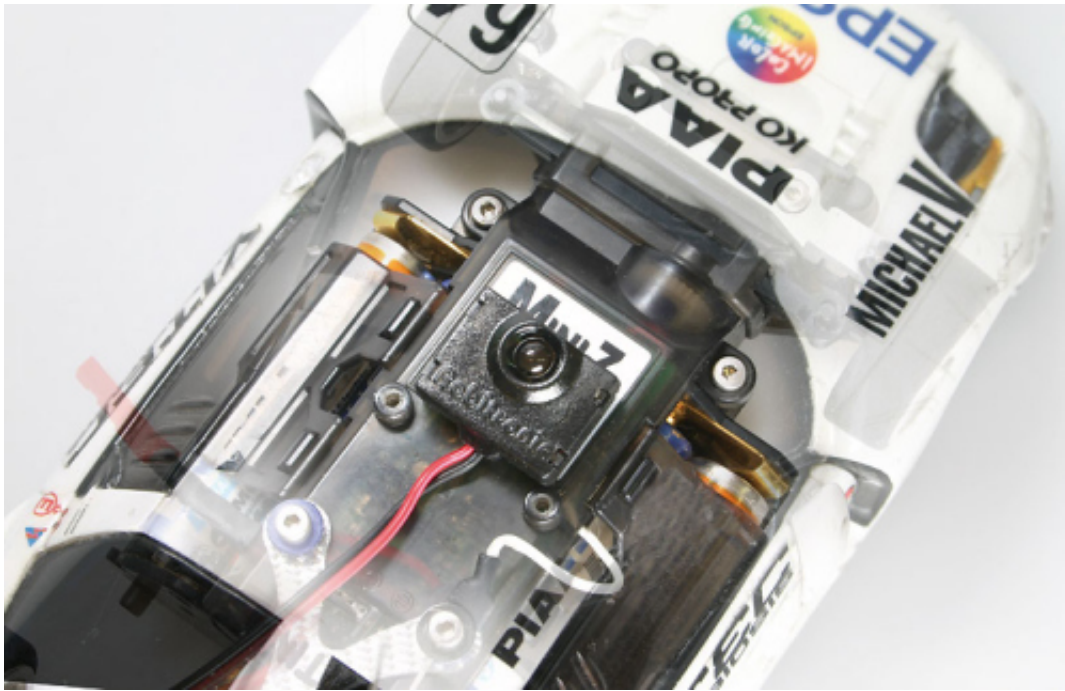
Transponder



With the extremely small and lightweight transponder a modelcar owns a worldwide unique ID number. If a car equipped with it crosses the start/finish line, the transponder signal with the ID number will be recognized and processed by the receiver-module in the loop bridge.

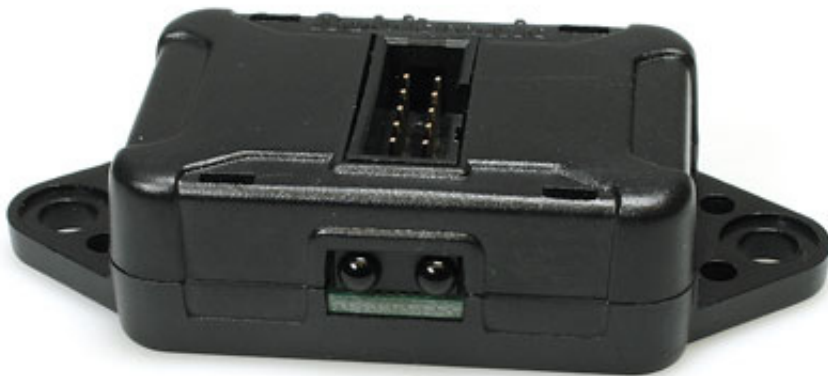
The lap-counting-system can process any number of transponders at the same time, not depending on the number of receiver-modules used on the loop-bridge. The number of receiver-modules much more depends on the width of the track under the bridge. The provided software, when installed on a PC, can be used for practice runs right away.

Mounting the Transponder



The mounting spot for the transponder should be chosen in a way that it can transmit through the windshield without being blocked.

Mounting the Receiver Module



The receiver-module and the transponder work with infrared-sensors. The receiver-modules can be expanded to any number with easy plug & play. This way the system can be adapted to any track width. A receiver-module should be placed every 30cm, with a distance of 15cm on the edge.

Box Content



Order no. RS616 Lap Counter Set USB

Content:



- 4 receiver-modules with flatcable for 1,50m track width
- 3 personal transponders
- PC interface with datacable
- RCM-Beginners software with practice-program
- Instructions & CD-ROM

Bridge NOT included!

Lap-Timing- Software

RCM Beginners: Software for easy race completion

With RCM Beginners You can start a race with multiple drivers without creating groups up front. As soon as the drivers are recognized by lap-counting they are identified by the transponder. The transponder ID can be replaced with the name of the driver during the race and in the future the race result will be displayed with the name. After the race finish a lap-counting-sheet can be printed which can also be saved.



- registers the transponder automatically
- a transponder can be assigned to a name
- race duration adjustable
- group start or single start
- laps-and-time or best-time-results
- starting and ending the race

RCM Online Easy: practice software

RCM Online Easy recognizes every driver equipped with a personal transponder. RCM Online Easy records all lap times by transponder ID, which can be printed out by the driver after his practice. After the printout the data is released and not displayed anymore.

RCM Online Easy will be configured to autostart when the PC is turned on. From there on it keeps recording lap times around the clock respectively until a timed PC shutdown. This makes practice on an unmonitored track possible and the drivers can access the performance data of their skills.

Optional accessories, expansions and spare parts for the Robitronic USB Lap Counter

RS163 - Personal Transponder



Incredibly small and lightweight personal transponder.

Order No.: RS163

Weight: 3g

Measurements: 12 x 16 x 7mm

Box content: 1 pc. (1 Transponder)

RS-164 Receiver Module



Infrared receiver module for the Lap Counter USB. Necessary to adapt the system to different track widths. A receiver module should be placed every 30cm with a distance of 15cm on the edge.

Order No.: RS164

Weight: 14g

Measurements: 47 x 32 x 16mm

Box content: 1 pc. (1 Receiver Module)

RS-166 Spare Cable for Receiver Modules



Spare cable for receiver modules. Up to 11 modules can be connected to this cable.

Order No.: RS166

Box content: 1 pc. (1 Cable)

RS-162 Spare USB Interface



Das Lap Counter USB Interface.

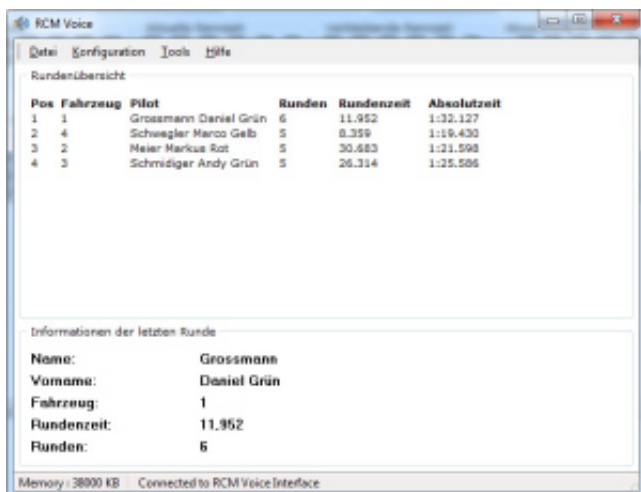
Order No.: RS162

Weight: 34g

Measurements: 61 x 50 x 23mm

Box content: 1 pc. (1 Interface)

RS-169 RCM Voice Software Module



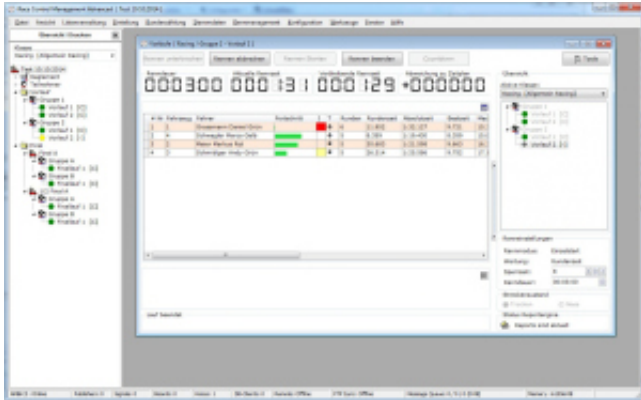
RCM Voice enables the speech output of important processes like i.e. the countdown before the start, time left over of the race, current driver ranking and much more...

Can be used with RCM Server, Kart, Advanced, Beginners, Online and Online Easy.

Order No.: RS169

Box content: 1 pc.

RS168 - RCM Advanced Software

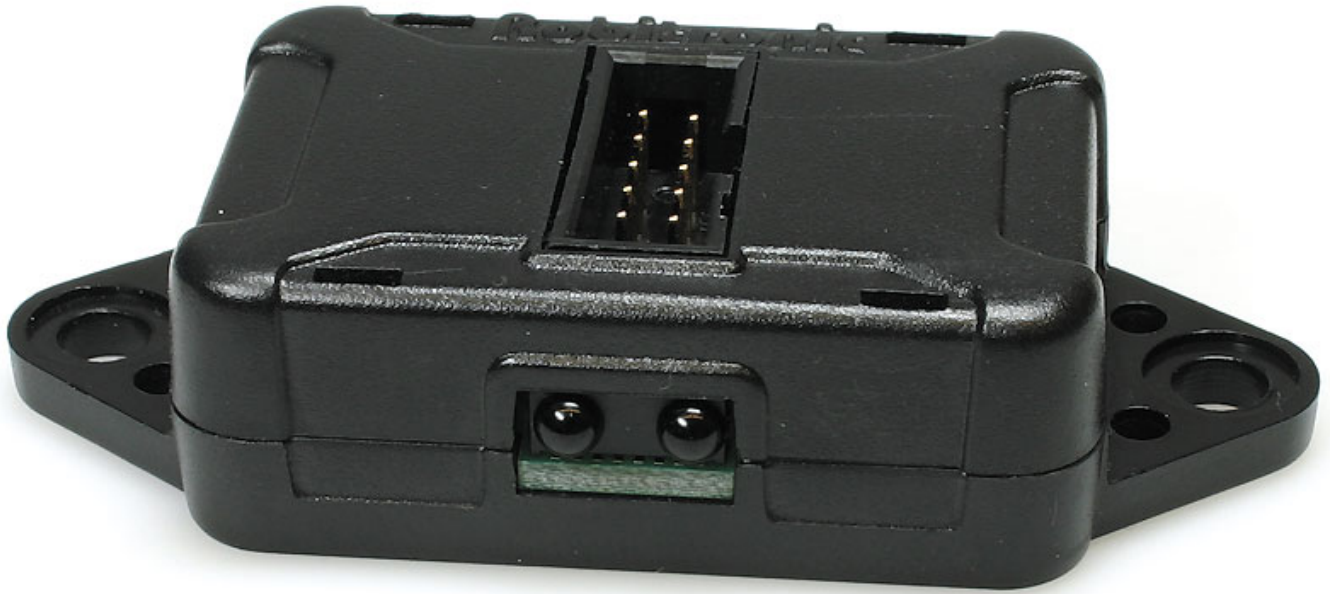


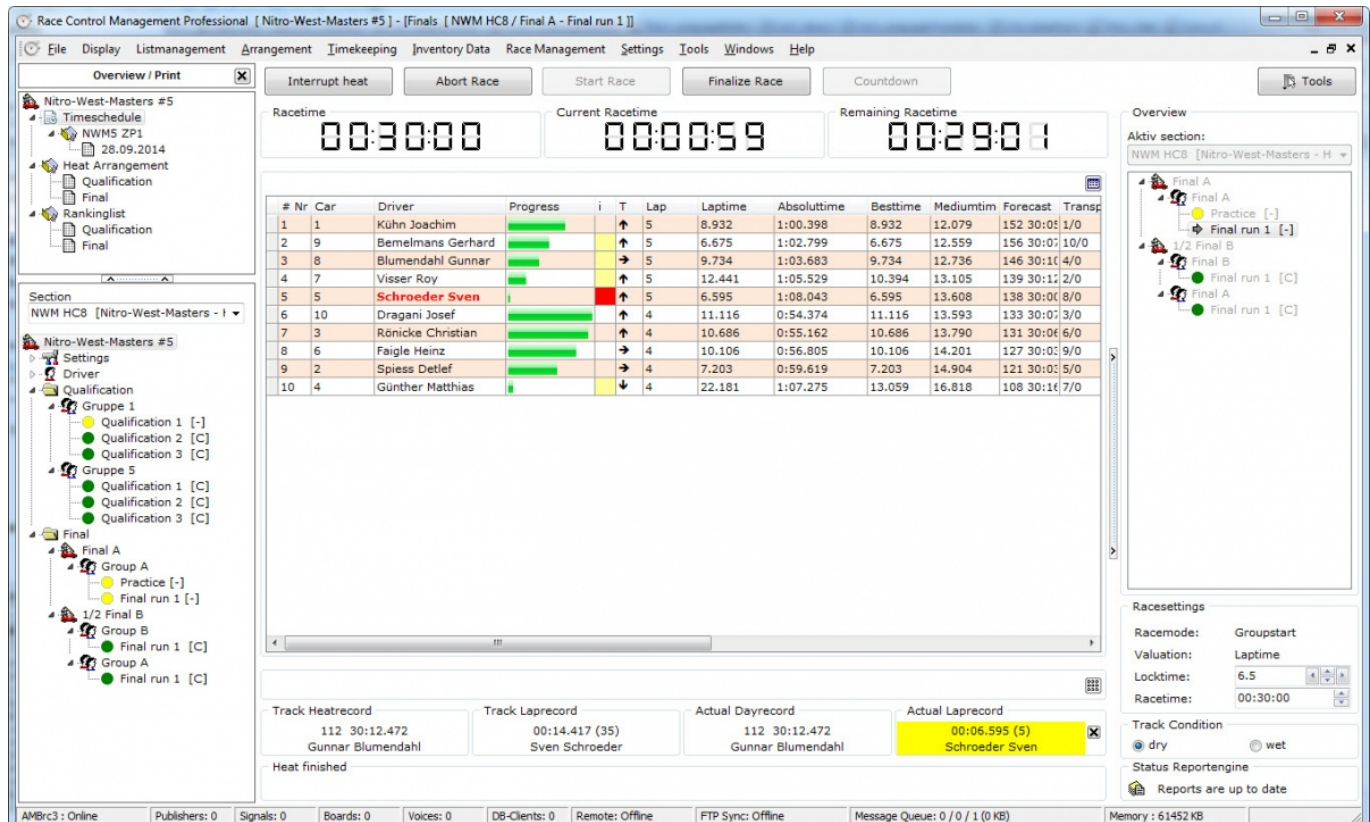
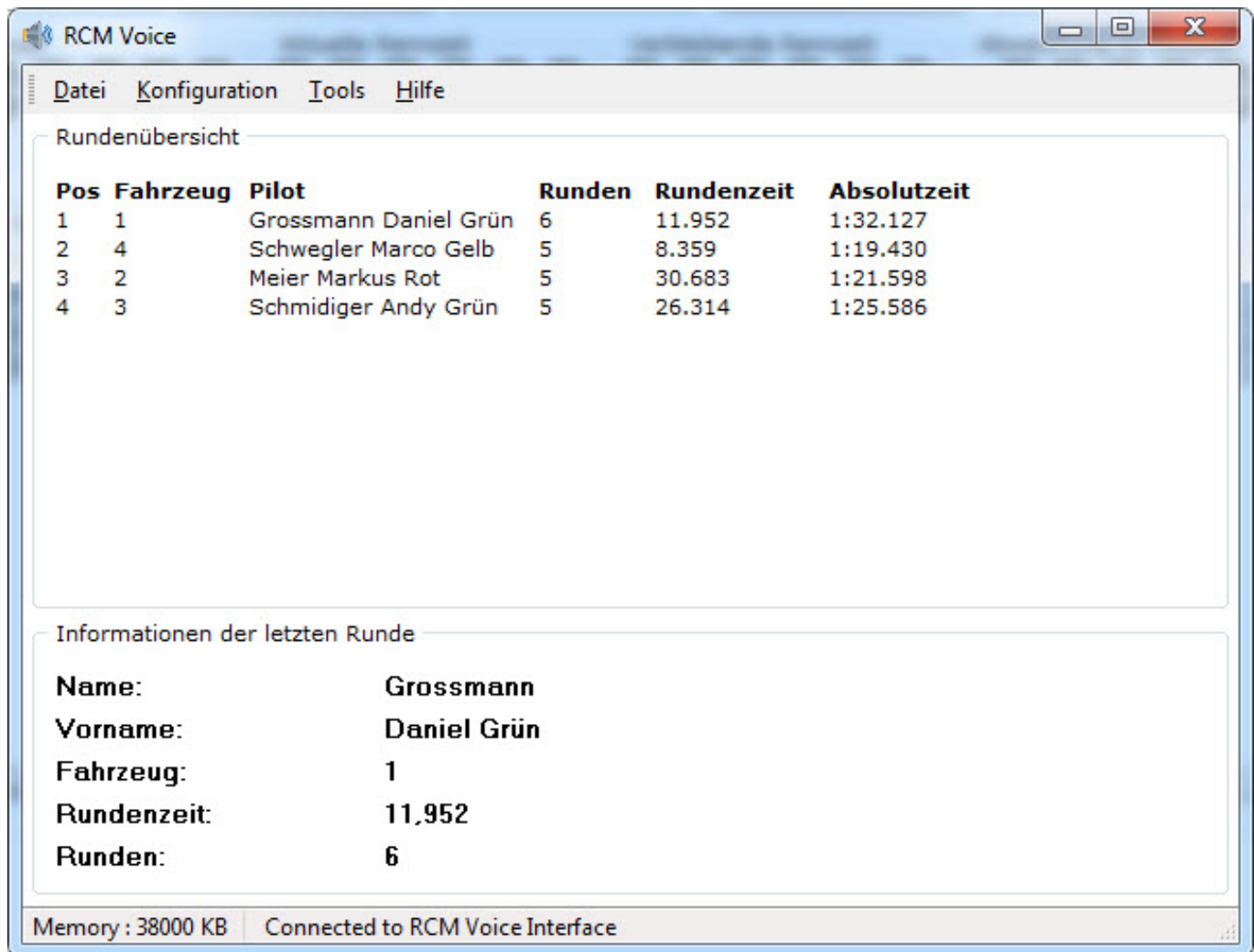
Race processing with qualifying and finals. RCM Advanced is the ideal and reasonably priced solution for persons or clubs that are not interested in national championships or international races. RCM Advanced Software is compatible with AMB.

- automatic and manual grouping for qualifiers
- lap- and time ranking in qualifiers
- best-time ranking in qualifiers
- points ranking in qualifiers
- automatic final classification for electric finals (A, B, C... finals)
- automatic final classification for finals (sub- and main finals)
- participant listing with frequencies and transponder ID
- race result with lap times
- qualifying ranking
- final ranking

Order No.: RS168
Box content: 1 pc.

Lap Counter USB





Race Control Management Advanced [Test 10.10.2014]

Übersicht / Drucken

Klasse: Racing [Allgemein Racing]

Test 10.10.2014

- Reglement
- Teilnehmer
- Vorlauf
 - Gruppe 1
 - Vorlauf 1 [C]
 - Vorlauf 2 [C]
 - Gruppe 2
 - Vorlauf 1 [C]
 - Vorlauf 2 [-]
- Final
 - Final A
 - Gruppe A
 - Finallauf 1 [C]
 - Gruppe B
 - Finallauf 1 [C]
 - 1/2 Final A
 - Gruppe A
 - Finallauf 1 [C]
 - Gruppe B
 - Finallauf 1 [C]

Vorläufe [Racing / Gruppe 2 - Vorlauf 2]

Rennen unterbrechen Rennen abbrechen Rennen Starten Rennen beenden Countdown

Rennendauer: 00:03:00 Aktuelle Rennzeit: 00:01:31 Verbleibende Rennzeit: 00:01:29 Abweichung zu Zeitplan: +00:00:00

#	Nr	Fahrzeug	Fahrer	Fortschritt	I	T	Runden	Rundenzeit	Absolutzeit	Bestzeit	Med
1	1		Grossmann Daniel Grün				6	11.952	1:32.127	9.721	15.3
2	4		Schwegler Marco Gelb				5	8.359	1:19.430	8.359	15.6
3	2		Meier Markus Rot				5	30.683	1:21.598	9.663	16.3
4	3		Schmidiger Andy Grün				5	26.314	1:25.586	9.752	17.1

Lauf beendet

Übersicht

Aktive Klasse: Racing [Allgemein Racing]

- Gruppe 1
 - Vorlauf 1 [C]
 - Vorlauf 2 [C]
- Gruppe 2
 - Vorlauf 1 [C]
 - Vorlauf 2 [-]

Renneneinstellungen

Rennmodus: Einzelstart

Wertung: Rundenzeit

Sperrzeit: 8

Rennendauer: 00:03:00

Streckenzustand

☒ Trocken ☐ Nass

Status Reportengine

☒ Reports sind aktuell

AMBrC3 : Online Publishers: 0 Signals: 0 Boards: 0 Voices: 1 DB-Clients: 0 Remote: Offline FTP Sync: Offline Message Queue: 0 / 0 / 0 (0 KB) Memory: 61556 KB













AP COUNTER USB

Bedienungsanleitung
User manual

RS161









LAP COUNTER USB

Bedienungsanleitung
User manual

RS161



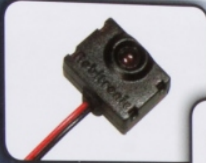




ERSATZTEILE & SOFTWARE

SPARE PARTS & SOFTWARE

Ersatzteile / Spare Parts



RS163 Personal Transponder



RS166 Empfänger Modul Kabel / Receiver Module Cable



RS162 Ersatz USB Interface

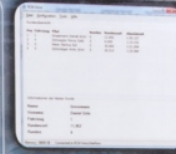


RS161 Lap Counter USB Set

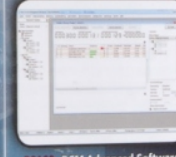


RS164 Empfänger / Receiver Module

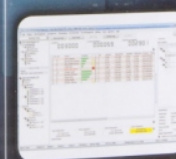
Software - Extensions



RS169 RCM Voice Software



RS168 RCM Advanced Software



RS170 RCM Professional Software



For all R/C Cars
Unlimited cars
Professional Race Software
Small Personal Transponder
For Indoor and Outdoor Tracks

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