

"Just imagine... We did it!"

## > Track power suppliers

The DS power suppliers are universal, this means, they can be used on any kind of slot track system. It is ideal to solve all kind of current problems from the track, homogenising the current from all the track lanes.

### > Ref. DS-0002 Power supplier DS POWER-2BASIC

The track power supplier POWER-2BASIC, is the lower and economic range of professional DS power units. With 2 Amperes it is adjustable in Voltage (12, 14, 15, 16, 18, 20 V.). Fully stabilised dc voltage.

#### Technical data:

- Universal use power supplier, it works with any kind of slot track system on the market.
- Automatic electronic protection for short circuits or overload cut off indicated by a led display.
- New extraflexible bipolar out cable at low current (yellow) without switch (universal connection).
- Switch function using revolving commutator with six position.
- Power is on/off shown by means of a bicolour LED (green/red).
- 2 Amp of power and non limited direct current.
- For 220V. use with 36VA, stabilised and rectified current.
- Size: length: 13cm, width: 9cm and height: 7cm.

DS-0002



DS-0003

### > Ref. DS-0003 Power supplier DS POWER-3

The track power supplier POWER-3, is the higher range of professional DS compact power units. With 3 Amperes it is adjustable in Voltage (9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20 V.). Fully stabilised dc voltage.

#### Technical data:

- Universal use power supplier, it works with any kind of slot track system on the market.
- Automatic electronic protection for short circuits or overload cut off indicated by a led display.
- New extraflexible bipolar out cable at low current (yellow) without switch (universal connection).
- Switch function using revolving commutator with eleven position.
- Power is on/off shown by means of a bicolour LED (green/red).
- 3 Amp of power and non limited direct current.
- For 220V. use with 60VA, stabilised and rectified current.
- Size: length: 13cm, width: 9cm and height: 7cm.

### > Ref. DS-0004 POWER SUPPLIER DS POWER-5BASIC

The power supplier POWER-5 BASIC is an economic version of DS-P5 track power supply. It gives 5 rectified and stabilised Amps. It is digitally adjustable in Voltage, from 4 to 22V. By means of a new and more sensitive device to 0,1 V. increments.



DS-0004

### > Ref. DS-0006 POWER SUPPLIER DS POWER-10

The power supplier POWER-10 is the highest range of DS track power supply. It gives stabilised and rectified 10 Amps from 4 to 13 V. and 5 Amps from 14 to 22V. It is digitally adjustable in Voltage with a new and more sensitive device to 0,1 V. increments.

#### Technical data:

- Universal use power supplier, it works with any kind of track system on the market.
- Automatic short circuit cut off, with immediate restart by means of a button (saving controllers or power supplier to be burned).
- Track connection by means of 4mm. diameter banana connection (included) like the ones used by controllers (ref. DS.0025).
- Digital display of voltage.
- 10 Amp. of power and non limited direct current from 4 to 13 V.
- 5 Amp. of power and non limited direct current from 14 to 22 V.
- With a new design of box made up with stainless steel.
- Protection fuses to avoid tension overload.
- For 220 V. use with 100 VA stabilised and rectified current.
- Size: length: 18cm width: 14cm and height: 14cm.



DS-0006

### DS-0014 DS Voltage Reducer:

The last arrival to the DS range, this new unit from DS allow to adjust voltage at any power supply up to 3 Amp. Reducing it between -0,5 to -7 Volts. With 11 different options: -0.5, -1, -1.5, -2, -2.5, -3, -3.5, -4, -5, -6, -7 specially designed for:

- Motor break in.
- Tyre truing machines.
- Adjustment of needed speed on a track on rallying
- Penalty on racing series.



## > DS-Start Packs

**DS-9995**  
**DS-9996**  
**DS-9997**  
**DS-9998**  
**DS-9999**

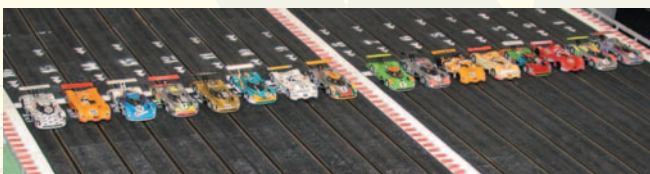
Lap counting system SCX-SCALEXTRIC for 2 lanes with infrared sensor.  
 Lap counting system NINCO for 2 lanes with infrared sensor.  
 Lap counting system CARRERA EVOLUTION for 2 lanes with infrared sensor.  
 Lap counting system SCX-SCALEXTRIC for 4 lanes with infrared sensor.  
 Lap counting system NINCO for 4 lanes with infrared sensor.



## > DS 4 port

DS offer the possibility of multi track connection, with this Professional box that Allow connection from up to 4 DS lap counter into 1 sole PC serial port, this special box is needed for over 8 lane racing control in endurance competitions together with winslot 2002 software. The maximum number of lanes possible is 32 (4 tracks with 8 lanes each). It is also compatible with DS-Davic Professional system, then instead of counting laps per lanes it counts laps for each car. For it's working is needed a DS-0051 DS transformer.

**DS-0080**



### **DS-4PORT Multi lap counter:**

Connection system DS-4PORT multi-lap counter which allows connecting four DS-300 PRO, getting a total 32 lanes.  
 To computer



## > Remote controller

### > Ref. DS-0075 **DS-Remote Control Unit**

All DS-300 lap counting systems will be equipped during 2005 with special antenna to receive all needed signals for remote control function.

### > Ref. DS-0076 **Upgrade DS-300 kit for Remote control.**

### > Ref. DS-0077 **Upgrade DS-200 kit for Remote control.**

DS developed and upgrade kits for previous DS-300 and DS-200 lap counters to update them with this new feature. Includes remote controller and a new PC board to fix inside the lapcounters.



**DS-0075**

**Control from 2 to 32 lanes !**

## > Conectors

### > Ref. DS-0072 - DS-0073 DS-Remote Control Unit

Adapter wire from 4mm. Banana plugs to 6mm. Stereo jack. Special set for connection from 6mm stereo jack to DS 4mm banana connections. This adapter is delivered completely tested and includes the best materials we can find. DS-0072 is based on individual 4mm female plugs while DS-0073 uses the new female compact box.

### > Ref. DS-0074 Female DS "compact" connector.

If your track connection system is different than the DS, don't worry, you now can install in you controller the universal female DS compact box and adapt it to any track with it.

### > Ref. DS-0098 Infrared spare LED's for infrared bridges.

Led from Infrared bridge may be need to be replaced after continous use during a long term (years), DS offer you the possibility to replace them without problems with the original DS infrared Leds.



DS-0098



DS-0099



DS-0100

### > Ref. DS-0099 Break 3mm. Red LED for cars.

### > Ref. DS-0100 Front 3mm. Blue Xenon LED for cars.

### > Ref. DS-0101 Front 3mm. White xenon LED for cars.

### > Ref. DS-0102 Front 3mm. Yellow xenon LED for cars.

### > Ref. DS-0079 SCX controller connector.

DS-0073



## > Software

### > Ref. DS-0047 RSRT 2005: Rally Slot Real Time.

Specially developed for rallying control, RSRT is the most used software in Rallying due to it's easy working and management of all sections, stages, groups and classes. Can be used without any lap counter entering the results, but it is also possible to get data directly from the DS-Card system that can be installed in the DS-200 lap counters.

#### New features included in the update of the software:

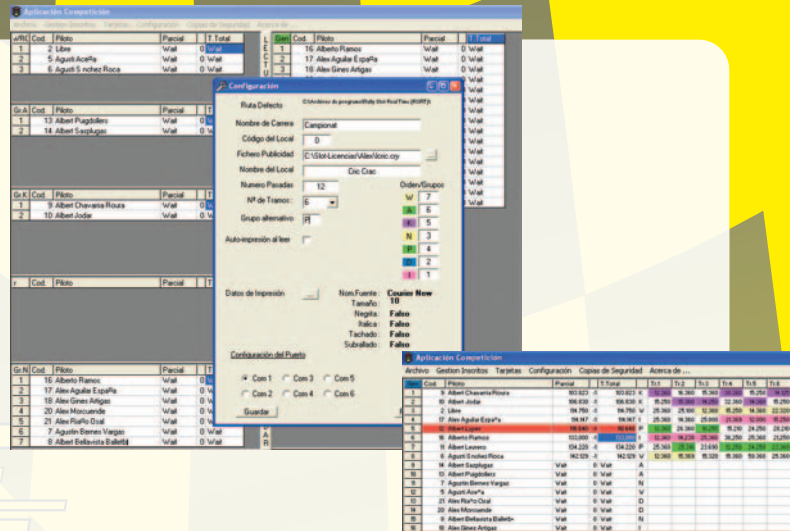
- Able to control 12 rally sections.
- Able to control 7 classes or Groups in the same Rally.
- Colour identifier for Scratch timing on each rally section.
- Drivers import from Microsoft Excel file.
- Results export to Microsoft Excel file.
- New on-line support for updates and operation manuals at [www.ibbautoracing.com](http://www.ibbautoracing.com)

### Ref. DS-0048 WINSLOT 2002 Update versión 1.6.6

Winslot 2002 is the developed DS software for racing at home, club or even at international events. Tested without problems at national championships and 24h. endurance race. Can be used with all DS lap counter system for free, and register at any time to get updated versions and more features activated.

#### New features included in the software update:

- Full new giant screen for training table results showing lap timing, best lap and num of laps for all lanes.
- Control of up to 32 lanes at the same time.
- Full new giant screen for race results showing overall classification from the race in large numbers.
- New race system able to repeat heats, adding laps to the previous results in the same lanes, as many times as wanted. Needed for endurance races where lanes are repeated several times.
- New installation process with arranged problem on various languages.
- Able to be fully translated to: English, Spanish, German, Italian, French and Portuguese.
- Drivers import from Microsoft Excel file.
- Results export to Microsoft Excel file.
- New on-line support for updates and operation manuals at [www.ibbautoracing.com](http://www.ibbautoracing.com)

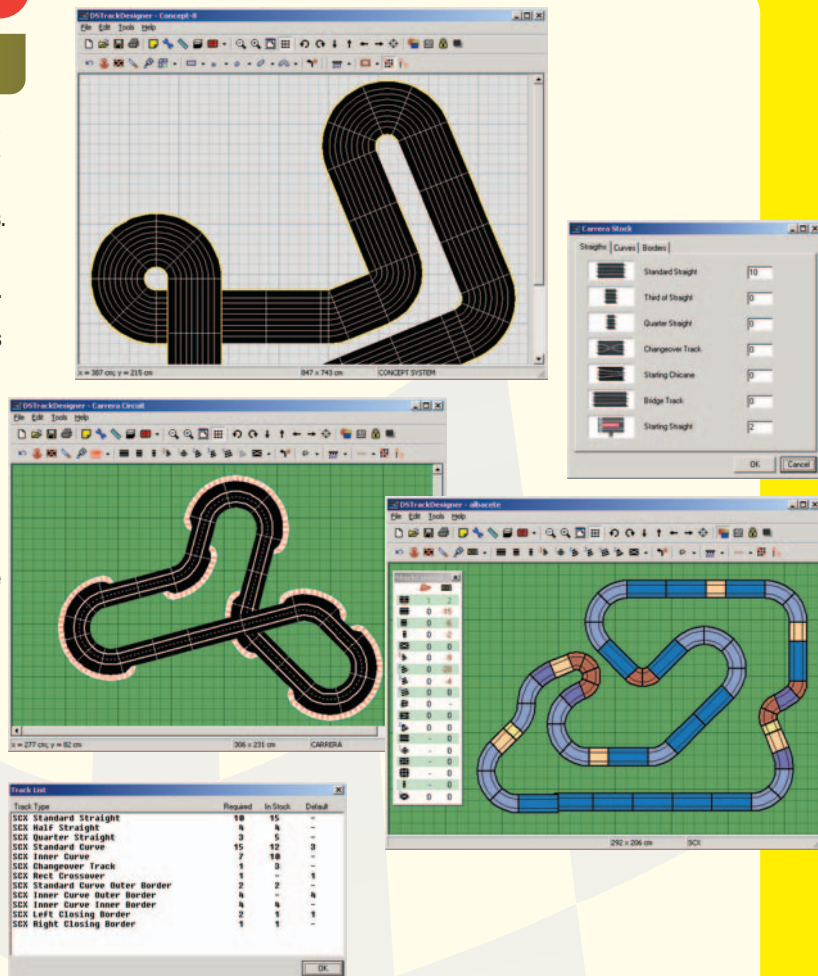


## > Software

### > Ref. DS-0049 DS TRACK DESIGNER Software.

This is a new software development and designed for DS, the new DS Track Designer is a completely easy system to design tracks of any major manufacturer including the following special characteristics:

- Graphic view of the track identifying with colour all different contents.
- Drawing of 2,4,6,8 lanes tracks together.
- Allow drawings of track pieces coming from Concept, Carrera, Ninco, Scalextric, Scalextric Digital, SCX Digital, Carrera Evolution.
- Complete special track catalogue options on all track systems as: lane change, crosses, borders, walls, raid tracks, ice tracks, lemans start, etc...
- Windows possibilities of various track opens at the same time and full using of copy-cut-paste options.
- Permanent viewing of track size and length.
- Rotation and mirror reverse options.
- Automatic closing option.
- Automatic addition of 2 lanes on actual design when possible.
- Grid option for background.
- Bring front & send back option for track pieces that over crosses.
- Rules and background picture for exact helping on fixing separate pieces.
- Possibility to design space with full drawing options as lines, rounds, squares...
- Possible to set up tolerance wanted on the plastic pieces.
- Automatic recognition of special track connections as chicanes.
- Assembling guide piece by piece list.
- Personal notes inside the drawing options.
- Overall piece needed list with stock options.
- Track layout printing and export at different scales and qualities.
- Aproximate lap timing calculation based on own entered values.
- Drawing system for room or maximum space available.
- Spanish-English language.
- Works under windows 98, 2000 and XP.
- Track value information.
- New on-line support for updates and operation manuals at [www.ibbautoracing.com](http://www.ibbautoracing.com)



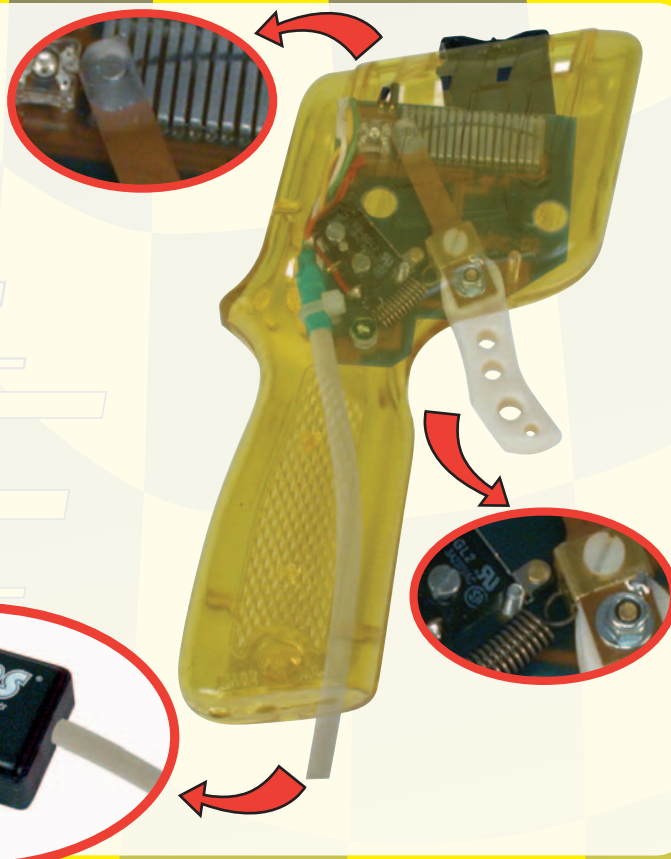
## > Hand controller

### DS-0078 DS Electronic controller.

DS Electronic products enter to the controller market with a fully electronic Controller, developed over years of tests, races and improvement at the best worldwide slot racing events.

- All electronic compounds are fixed directly into the DS compact connector in order to avoid loses on controller power wiring. This allows connecting directly to the DS Stop & Go boxes or with "female" DS compact connector (DS-0074) to any other system in the market.
- Preset 10 variable digital adjustments, allows racing from rallying with S-can motor to Scale car racing with 16D motors.
- Assembled in the most common handle and used worldwide, with spare available and proof quality.
- The lighter controller in the market. With a handle that weights less than 100gr. completely assembled including all mechanicals supports, trigger functions and Selector.
- LED indicates correct function of the controller. For negative (DS standard) track wiring systems.
- Breaking system with warranty function over 700millions uses.
- Progression curve divided in 18 fine steel long life sections.
- High sensitive Brake adjustable system from maximum to no breaking system.

All electronic control system is included in this compact box!



Since 1954!

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Lap counters - professional chronometers for all kind of tracks !