

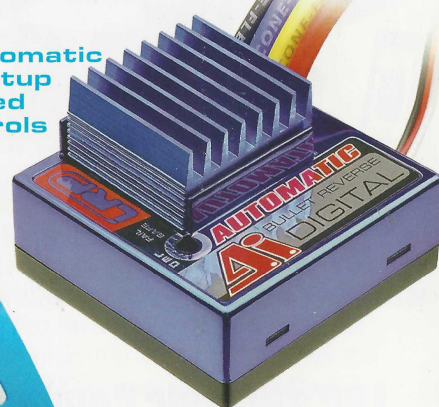
# LRP

## ELECTRONIC

- Quantum Series ESC's
- IPC Series ESC's
- Ai Series ESC's
- Phaser Receiver
- Pulsar Competition 2 Charger
- Pulsar Sport Charger

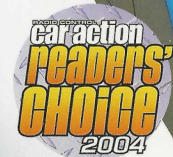


Quantum Competition 2 Speed Control



"Ai" Automatic No-Setup Speed Controls

Pulsar Competition 2: Battery & Motor Management





## LRP "Ai" Series Automatic Speed Controls

Fully AUTOMATIC: No buttons, no setup sequences, no problem! Just plug them in and drive!

(Artificial Intelligence)

- Great RTR Upgrade!
- Forward/Brake/Reverse operation
- Fail-Safe function
- Integral Heatsink
- Reverse Polarity, Overload, and Thermal protection
- Motor and Battery connectors installed... no soldering needed!



### Ai Automatic Super Reverse

#LRP8320

Over 13 turn motors  
W/ motor and battery plugs



### Ai Automatic Pro Reverse

#LRP8325

Over 10 turn motors  
W/ motor and battery plugs



### Ai Automatic Bullet Reverse

#LRP8337

No Motor Limit  
W/ motor and battery plugs

## IPC Series Forward/Brake Speed Controls



1.62" x 1.42" x .75"  
41 x 36 x 19mm  
2100 Hz

### IPC Sport

#LRP8347

14 to 36 turn motors  
With motor and battery plugs



1.62" x 1.42" x .75"  
41 x 36 x 19mm  
2300 Hz

### IPC Super Sport

#LRP8359

12 to 36 turn motors  
With motor and battery plugs



1.62" x 1.42" x .75"  
41 x 36 x 19mm  
2500 Hz

### IPC Pro Sport

#LRP8362

No Motor limit  
With motor and battery plugs

## Why Choose LRP?

LRP Digital Speed Controls have been the choice of the majority of World-Class RC drivers for the past few years, and have been used to win both World and National Championships. LRP's Quantum Competition Speed Control won the 2004 "Reader's Choice" Award from Radio Control Car Action Magazine, and the Pulsar Competition Charger won the "Reader's Choice" award for two consecutive years!

## LRP's Classic Competition ESC

#LRP8069  
IPC V7.1

1.68" x 1.34" x .75"  
43 x 34 x 19mm  
3140 Hz

### IPC V7.1

LRP's legendary Competition Speed Control... The all-around favorite, smooth enough for onroad, and tough enough for the rigors of offroad racing!

(3-Wire, No plugs no motor limit)



### Runner Plus Reverse

#LRP8305

The Forward / Brake / Reverse speed control that comes as standard equipment in many of the world's most popular Ready-to-Run vehicles! For 17 to 36 turn motors, includes motor and battery plugs!

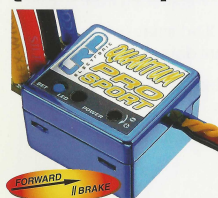
LRP's Lowest Cost, Most Popular Ready-To-Run ESC

# QUANTUM

## Series Speed Controls

LRP's Quantum Series ESC's feature the latest technology for ultra-smooth throttle control, higher efficiency, and more controllable brakes. LRP's designers spent months testing new components with the top factory drivers to bring you the world's most advanced speed controls.

#LRP8460  
Quantum Pro Sport



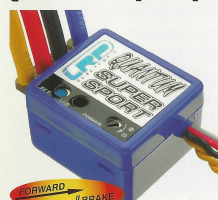
- Over 7 Turn Motors
- 155 amps continuous
- 0.00073 Ohms, 2500 Hz
- Less than 1" by 1" footprint

#LRP8430  
Quantum Pro Reverse



- Over 7 Turn Motors
- 120 amps continuous
- 0.00175 Ohms, 2500 Hz
- Approx. 1" by 1" footprint

#LRP8450  
Quantum Super Sport



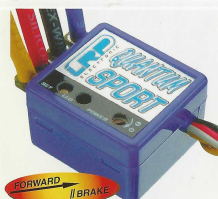
- For 12-36 Turn Motors
- 115 amps continuous
- 0.00098 Ohms, 2300 Hz
- Less than 1" by 1" footprint

#LRP8420  
Quantum Super Reverse



- For 13-36 Turn Motors
- 90 amps continuous
- 0.0023 Ohms, 2300 Hz
- Approx. 1" by 1" footprint

#LRP8440  
Quantum Sport



- For 14-36 Turn Motors
- 80 amps continuous
- 0.0015 Ohms, 2100 Hz
- Less than 1" by 1" footprint

#LRP8410  
Quantum Reverse



- For 16-36 Turn Motors
- 70 amps continuous
- 0.0038 Ohms, 2100 Hz
- Approx. 1" by 1" footprint

#LRP8083  
Quantum  
COMPETITION 2



Approx.  
1" by  
1 1/8"  
footprint!

# QUANTUM 2 COMPETITION 2

- Over 5 Turn Motors
- Variable Frequency REACTIVE Software
- 150 amps continuous
- Super-Low on resistance: 0.013 Voltage drop @20 A.
- 100% Digital Technology with 3 adjustable modes: Punch Control, Initial Brake, and Automatic Brake

LRP's Quantum Competition Speed Control established the standards for pro-level racing speed controls, becoming the world championship winning choice for the majority of the world's top R/C drivers, including Mark Pavidis, Billy Easton, Matt Francis, and many, many more.

Now, LRP is proud to introduce the successor to the legendary Quantum Competition 2 (QC2).

The QC2 takes digital speed control technology another step forward with its revolutionary "Reactive Frequency" feature. Whereas all previous-design ESC's run at a single assigned frequency, the QC2's intelligent circuitry actually calculates and adjusts the drive frequency during the run... adjusting to a lower frequency for more "punch" when the car is coming out of a corner, and adjusting to a higher frequency at the end of the straight for more top speed and longer run time.

The QC2 also features three adjustable running modes, and is also 100% waterproof... you can actually run the speed control under water without damage!

**The Best Drivers in the World use the Best Chargers in the World!**

# pulsar 2

## COMPETITION



**Pulsar 2  
Charger  
#LRP 41551**

The Evolution of  
**car action  
readers'  
CHOICE**  
2004  
The 2003 and 2004  
Reader's Choice  
Award Winner!

**3-in-1  
UNIT!**

- Charges
- Discharges
- Motor Run-in.

**Fast charge for 1-8 cells with adjustable current from 0.1 to 10.0 Amps on the fly!**

- 3 individual user profiles can be stored for easy operation.
- Variable discharge current from 0.1 to 10.0A, adjustable on the fly!
- The powerful 14 amp output is fully adjustable from 2.0 to 7.2V and can be used to break in the brushes, run a comm-lathe or to power any 7.2V soldering iron!
- Large extra bright 2x16 character LCD-display (with laser blue backlight) shows all relevant data.
- Auto-Restart-System after power interrupt. Autostart-Timer programmable from 0 to 99min.
- PWM (Pulse Width Modulation) for maximum efficiency.

### Just the Original Pulsar Competition's Advanced CHARGING Features!

- Fast Charge fully adjustable from 0.1- 7 A even during charging
- 1 to 8 cells, NiCd and NiMH
- Trickle Charge On/Off mode
- Adjustable Delta Peak from 5 to 80 mV
- Auto Restart System after power interruption
- PCS-2
- Memory for user settings.
- Multi-Protection System
- Large 2x16 character LCD-display (blue backlight).



# pulsar

## SPORT

**Pulsar Sport  
#LRP4145**

The LRP PULSAR Competition Charger won the "Reader's Choice" award in 2003 and 2004 for the favorite battery charger of Radio Control Car Action Magazine Readers. Now, LRP brings you the PULSAR "Sport" charger... just the advanced "charging" features of the award-winning Pulsar Competition at a great, low price!

### New 3-Channel Competition 27 Band FM RECEIVER



Ultra-Small:  
36 x 25 x 15 mm

**Phaser Competition  
Receiver  
#LRP8727**

- Special 3-Channel FM Interference suppression circuit
- Super-shielded case for maximum interference rejection
- Works with your standard receiver crystal
- Vibration-proof crystal socket system
- Ultra-small, ultra-lightweight
- Top-mounted antenna for simple deployment and interference rejection

### Quantum Worlds Option Kit

#LRP8282



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in the United States by:  
**ASSOCIATED ELECTRICS**

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(714) 850-9342 Fax: (714) 850-1744



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