

# Relay Judging Platform

## Lighted and Standard versions



*Lighted RJP*



*Standard RJP*

### **Relay judging**

Colorado Time Systems' Relay Judging Platform (RJP) technology is the most accurate way to judge relay exchanges. The RJP allows your CTS timer to automatically compare the incoming swimmer's finish on the touchpad with the departure of the swimmer leaving the starting platform. The RJP will provide the necessary information to judge a relay exchange to 1/100th of a second.

The NCAA has declared that automatic relay judging is the fairest and most accurate way to judge relay exchanges. All Division I NCAA Championships must use electronic relay judging. Our RJP's exceed NCAA standards; in fact, only RJP's from Colorado Time Systems have been used in the NCAA Division I men's and women's finals.

### **Start reaction time**

On every start, the RJP senses when the swimmer leaves the block and compares the time to the start impulse from the starting system with 1/100th of a second accuracy. Start reaction times can then be displayed on the scoreboard, with a CTS System 6 sports timer, at the beginning of the race.

### **Elegantly engineered**

Both the top and the leading edge of the RJP are sensitive to the swimmer's departure. Extensive research and elegant engineering allow the Colorado Time Systems' RJP to decipher between weight shifts and when a swimmer actually leaves the platform.

*See reverse side for more information and specifications.*



# Speedlights

LEDs across the front of RJPs equipped with Speedlights flash simultaneously with the start tone and strobe light. Twenty high intensity, calibrated LEDs launch the competition from the blocks.

All athletes benefit from the visual signal, which they can easily see without altering their race-ready posture and train for the fastest reaction time humanly possible. Backstrokers will benefit from the visual start signal inches away from their eyes.

Speedlights ensure the fairest of starts for hearing-impaired individuals.

These are the RJPs used at the NCAA Division I Championships, which Rowdy Gaines of ESPN described as "space age starting blocks."

*"I'm impressed with the reliability of CTS's take off pads; they're the best way to ensure fair relay judging. There's no question that training with CTS's RJPs has helped us improve our relay exchanges, and training with the Speedlights has made us quicker off the blocks."* - Auburn University Head Coach David Marsh

## CTS's RJP technology is available in several formats:



### General

#### Standard RJP

The RJP features a non-skid surface and is easily mounted to a variety of starting platforms. Available in 20" x 20" size only.

#### Lighted RJP

RJPs enhanced with Speedlights provide the tool to perfect both start reaction times and relay exchanges. Requires CTS Champ Start to flash lights.

### Dimensions

#### Width x Length

20" x 20" (50.8cm x 50.8cm)

20" x 24" (50.8cm x 60.9cm)

24" x 20" (60.9cm x 50.8cm)

24" x 32" (60.9cm x 81.3cm)

#### Weight

19lbs. (8.6kg)

25lbs. (11.3kg)

25lbs. (11.3kg)

35lbs. (15.9kg)

Measurements apply for both standard and lighted RJPs.

An RJP mounted on a starting block adds .3 inches (.76cm) to the height above the water.

### Weight Requirements

Minimum athlete weight for accurate RJP timing is 90 pounds (40.8 Kg).

### Mounting Options

Mounting is simple; a double strap with a through buckle allows quick set-up and easy removal.

Another choice is the Colorado Block, which combines CTS's lighted RJP with Paragon Aquatics' starting block. Please see separate data sheet for more details.

### Caddy

A caddy to hold the RJPs is available; please see separate data sheet or contact your CTS sales person.

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