



ANTENNAS

OVERHEAD | SIDE | GROUND

**SAVE TIME ON SYSTEM SETUP
FOCUS ON YOUR PARTICIPANT EXPERIENCE**



OVERHEAD & SIDE ANTENNAS

The Jaguar 7101 and 8000 Antennas can be used with all Jaguar Timing Chips (disposable or reusable) as Overhead or Side Antennas. Each Jaguar Platinum system can support up to 4 antennas simultaneously, covering a 16 ft (4.8 m) distance. Use multiple systems to extend coverage.

BENEFITS

- ✓ **SAFETY AT BEST**
No trip or slip hazard.
- ✓ **EASY TO MOUNT**
Lightweight. Simply attach to the mounting bracket and connect to the timing system.
- ✓ **SUPER DURABLE**
Hardened aluminum IP-67 design with ABS cover and UV-ray protection.
- ✓ **VERSATILE AND ECONOMICAL**
Can be used either in an Overhead or Side Antenna configuration.

PERFORMANCE & SPECIFICATIONS

Jaguar 7101 and 8000 Antennas

Performance	
Frequency	856 to 866 MHz (EU) 920 to 928 MHz (USA)
TX Power	Up to 33 dBm
Read Range	Up to 40 ft (12 m)
Read Rate	99.9% avg Up to 3,600 chips/min
Chip Max Speed	200 mph (320 kph)
Timing Accuracy	Records to 1/1,000th of a second

Model	Weight	Size
7101	3 lbs / 1.36 kg	17.25" x 17.25" x 1.5" 44 cm x 44 cm x 4 cm
8000 (Triathlon)	5.4 lbs / 2.46 kg	24.75" x 12.6" x 12.6" 62.9 cm x 32 cm x 32 cm



JAGUAR 7101



JAGUAR 8000





FOLDING GROUND ANTENNA

The Jaguar Folding Ground Antenna (FGA1400) can be used with all Jaguar Timing Chips (disposable or reusable). Each Jaguar Platinum system can support one FGA1400, covering a 14 ft (4.27 m) read zone. Use multiple systems to extend coverage.

BENEFITS



EXTREMELY FAST SETUP

Establish your split point or finish line in no time (typically less than 1 minute).



EASY TO CARRY

The FGA1400 weighs only 35 lbs (15.8 kg) and can easily be carried anywhere.



SUPER FLAT

The FGA1400 has a height of only 0.9 inches (2.3 cm) and a tapered edge shape.



EFFICIENT

Fits in any car - can be set up by a single person - built tough.

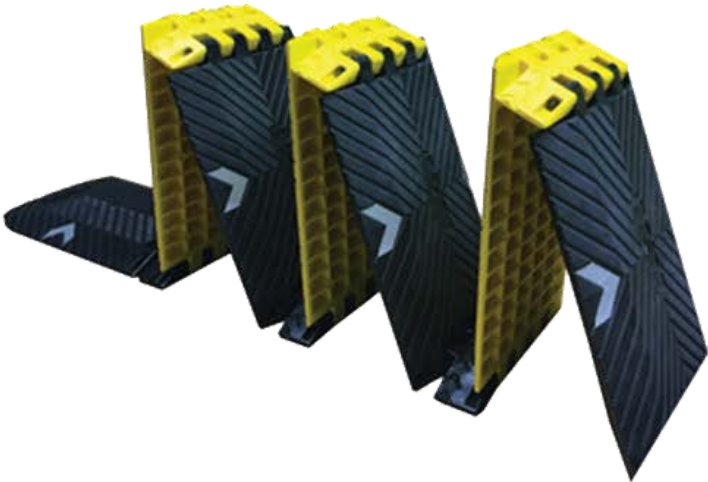
PERFORMANCE & SPECIFICATIONS

Jaguar Folding Ground Antenna (FGA1400)

Performance	
Frequency	856 to 866 MHz (EU) 920 to 928 MHz (USA)
TX Power	Up to 33 dBm
Read Range	Up to 10 ft (3 m)
Read Rate	Up to 3,600 chips/min
Chip Max Speed	40 mph (64 kph)
Timing Accuracy	Records to 1/1,000th of a second

Model	Weight	Size
FGA1400	35 lbs / 15.88 kg	12.3' x 10" x 0.9" 3.75 m x 25 cm x 2.3 cm

JAGUAR FGA1400



EVENTS





WHICH ANTENNA TO USE?

Question: Do I have only one choice for antennas?

Answer: No, with the Jaguar Platinum system you can use any of the Overhead, Side, or Folding Ground Antenna configurations.

Question: Can I mix and match different configurations for a race?

Answer: Yes, for instance you could use Side Antennas at a start location, a Folding Ground Antenna for a split, and Overhead Antennas at your finish line.

Question: So which configuration should I use?

Answer: The Overhead configuration is the safest for athletes, not to mention the best performing one, for the most common events. But if your race has a low density of participants (less than 10/sec), then Side Antennas or Folding Ground Antennas will perform almost as well with a very minimum setup time.

Recommended Antenna Configuration

(for running events with the timing chip on bib)

Antenna Location	Overhead Antennas	Side Antennas	Folding Antenna
Start	+++	++	++
Split	++	++	+++
Finish	+++	+	++

PERFORMANCE

Performance Comparison of Jaguar Antennas at various races

Race		Participants	Chip Type	*Antenna Type	Read Rates	Finish Line Width
Running	5K	322	KF Disposable	O S F	100% 99.8% 99.7%	12 ft (3.7 m)
	5K/10K	6,140	KF Disposable	O S	99.9% 99.6%	30 ft (9.1 m)
	5K/10K/Half/Full	7,421	KF Disposable	O S	99.9% 99.8%	24 ft (7.4 m)
Cycling	Grand Fondo	4,120	Z Reusable	O S	100% 100%	24 ft (7.4 m)
Triathlon	Triathlon	1,687	T Reusable	S	100%	10 ft (3 m)
Motor Sports	Motorcycle	60	X Reusable	S	100%	45 ft (13.7 m)

*Key: O=Overhead Antenna S=Side Antenna F=Folding Ground Antenna

What our customers are saying...

"With the Overhead, Side or Folding Ground Antennas in my arsenal, I always have a solution to confidently grow my business. The new Folding Ground Antenna is amazing. Super compact and light, a single crew member can time small running races."

- Tom Jordan, J3 Timing, Chicago

"I can use any of my 7100 Antennas as Overhead or Side configuration. So efficient and economical! No need to buy dedicated Side Antennas. Love it."

- Dan Whitten, One Time Racing, Los Angeles

Still have questions?

CONTACT
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