



TECHNOLOGY KARTING SAFETY & TIMING

CDX TIMING SENSOR

With CDX Timing, every finish line is backed by innovation you can count on. Our system is built for peace of mind — featuring redundant loop detection to catch every pass, and a dedicated timing radio separated from the safety channel, so nothing interferes with what matters most: accurate results and smooth operation.

SOLUTION

Fully Integrated or Standalone

The CDX Timing System seamlessly integrates with the CDX Safety System but can also function as a fully independent standalone timing solution.

Where orange meets black

Each time a CDX Timing Sensor crosses the CDX Loop, it transmits the current timestamp along with the two previous ones. This built-in redundancy increases the system's reliability.

Secure and controlled operation

Similar to the Safety System, the CDX Timing System uses a Track ID and PIN code to guarantee secure and controlled operation

Seperated radio

The CDX Timing System uses a seperate dedicated radio channel.

WHAT YOU NEED?

- CDX Timing Receiver
- CDX Loop
- CDX Sensor for each kart
- CDX Link Cable



For questions, please reach out to your reseller and/or CDX Technology via info@cdx-technology.com

CDX-TECHNOLOGY.COM

CDX TIMING SYSTEM

DATA SHEET

CDX TIMING SENSOR

Radio frequency US ***	922 MHz
Radio frequency EU ***	869 MHz
Radio technology	DSSS + Listen before talk
Antenna	Integrated
Radio range (Line of Sight)	300 meter
Secondary radio	-
Outputs	-
Inputs (gamification)	-
Microcontroller	ARM based microcontroller architecture
Interfaces	RS232 (for sector safety only)
Unauthorized use prevention	Track ID / Track PIN
User-configurable through	Integrated RS232 configuration
Display	-
Operation voltage	8 - 12 volt DC
Absolute maximum voltage	16 Volt DC
Power consumption	-
IP Class	IP67
Dimensions	115 mm x 60 mm x 26mm
Housing	PUR
Software update	OTA + through USB + Unbricking
ESD	Enhanced ESD protection
Third party protocol integration	-
Warranty	2-year extended carry-in

* can be use standalone or connected with the CDX safety system - CDX safety system required for sector safety functionality

** Can be used for the timing sensor

*** Other regions available on request