

XRAY X10

The exciting world of 200mm 1:10 GT racing... synonymous with “speed,” “precision,” and “champions.” The ideal class for XRAY to unveil its latest engineering masterpiece: the XRAY X10 “GT version.”

Based on the all-new XRAY XII 1:12 pan-car, XRAY Project Manager Martin Hudy created the perfect platform to dominate the new World GT class of 200mm 1:10 pan cars.

Knowing that the X10 would need a versatile design — participating in classes with either open-tire rules or spec-tire rules — particular attention was paid to the rear end of the car to give it the perfect combination of rear traction, corner speed and steering under any conditions. Well-proven yet “conventional” T-bar technology again proved to make for faster and more consistent handling.

Top-quality materials such as self-developed composite mixtures, HUDY Spring Steel™, premium Swiss 7075 T6 aluminum and highest-grade graphite are part of XRAY’s signature, and the X10 has them in abundance. Designed in virtual reality using the world’s most sophisticated CAD tools, and manufactured using the world’s best machining and molding machinery, the X10 achieves a level of premium perfection in all details that is second to none. All parts are purpose-designed and manufactured by XRAY, so all parts fit and work perfectly together, with many parts fully compatible between the X10 and XII platforms.

The XRAY pedigree is carried over into the X10, allowing for a car that is very easy to build and dial in for any level of RC racer. Setup and tuning could not be easier, and exquisite quality and customer service are our promise to you. Get the holeshot, lead the pack, take the win with the new XRAY X10.

Main features:

- All-new XRAY 1/10 pan-car with authentic 100% self-developed XRAY parts, designed and manufactured parts by XRAY in Europe
- Legendary XRAY premium design, workmanship & material quality and unmatched attention to the finest details
- Based on the conventional and proven pan car platform with redesign by legendary RC designer and XRAY's award-winning Chief Designer - Ing. Hudy Juraj
- Simple yet effective and proven design, well thought-out details, unmatched precision of all small details
- Specially designed and optimized for brushless and brushed motors
- High-competition design with focus on ultra-low weight, resulting in super-lightweight construction.
- Optimized for indoor carpet racing as well as outdoor asphalt racing
- CNC-machined chassis from custom-manufactured 2.5mm high-grade graphite material with specially-designed compound for carpet racing and asphalt racing
- Chassis accommodates 4-cell battery packs for GT racing
- Chassis layout optimally designed to give sufficient stiffness for excellent handling, but flexible enough to generate sufficient grip and traction
- Super-narrow chassis design and layout with all weight centralized along the centerline
- Chassis and rear pod features pre-drilled centerline holes for optimum weight balance adjustment using HUDY Balancing Tool #107880
- High-density foam bumper protects the front of the chassis in crashes
- Robust body posts with fully-adjustable body holders; optional super fine +1 or +2mm body backstops available optionally for even more super-fine body height adjustment.
- High-competition, fully-adjustable front suspension with super-clean design of all composite suspension parts
- All composite parts manufactured by XRAY using premium self-developed composite mixtures which guarantee sufficient flex of the suspension parts yet hard enough to withstand heavy crashes
- Highest quality of all composite parts ensures super-precise fitment, easy assembly, and smooth operation of all parts
- Lower fixed suspension arms feature embedded self-locking nuts for easy assembly, prevents bending in the suspension and unwanted chassis tweak
- Fast & easy front caster adjustment via included clips
- Reactive caster adjustment of preset 2.5°, 5.0° or 7.5° via easy-to-change eccentric bushings
- Super-tiny yet robust steering blocks with uniquely-designed axles which prevent axle spinning while tightening the wheel locking nuts
- Additional front axle shims for adjustable front track-width
- Ultra-precise wheel axles CNC-machined from premium HUDY Spring Steel™ additionally hardened and hand ground for precision fitment
- Pivoting front suspension with super-smooth hardened steel kingpins supported by soft springs; optional medium, hard, and extra-hard suspension springs available as options
- Front ride height adjustment and front track-width adjustment via shims
- High-precision, HUDY Spring Steel™ pivot balls ensure super-fine movement of the front suspension under compression
- Graphite front upper brace between front suspension pins provides appropriate stiffness and flex
- Front upper 3mm adjustable HUDY Spring Steel™ camber turnbuckles are lightweight yet can withstand heavy crashes
- Lightweight aluminum servo mounts with two different positions allow fitment of most popular micro and mid-size steering servos
- Tiny yet robust servo saver with easy Ackermann adjustment via shims mounted below pivot balls

- Tiny, ultra-flat composite battery holders keep batteries in place; multiple placement options (front, rear) for different chassis weight balance
- Tiny lightweight antenna mount secures lightweight yet strong molded fiberglass rollover antenna, also doubles as the shock absorber mount
- XRAY micro shock with similar design as it's "big brother" counterpart in XRAY's successful T2 touring car platform
- Fully-adjustable shock with aluminum shock body hard-anodized for ultra durability and additionally black coated for stylish look
- Fine-threaded shock body for quick and easy shock spring preload adjustment
- Tiny thin shock membrane gives super-smooth dampening characteristics
- Super-soft silicone shock O-ring for smooth operation while preventing oil leakage
- Ultra-finely finished shock shaft with precise-molded composite shock piston ensures optimum shock oil flow and smooth shock absorber action
- Simple yet smart shock construction allows for quick and easy shock-length adjustment for downstop adjustment
- Shock position adjustment via shimming of HUDY Spring Steel™ shock ball studs
- Rear suspension with conventional rear pod is adjustable via fiberglass T-bar, providing extremely easy assembly and tuning while being very effective and give the highest competitive performance
- T-bar included for carpet & asphalt racing; optional T-bars in different thickness available for super-fine tuning and adjustment
- Unique T-bar mounting methods allow for two different settings:
 - Club race setting – direct mounting of T-bar to chassis without front pivotball gives limited adjustment possibilities (recommended for beginner drivers)
 - Pro race setting – pivotball mounting of T-bar to chassis for more advanced adjustment possibilities (recommended for advanced drivers)
- Precision T-bar pivot balls machined from ultra-strong HUDY Spring Steel™ additionally hardened for perfect shape and smoothness
- Adjustable T-bar setscrews for adjusting chassis tweak
- Two different T-bar tweak screw positions for adjusting responsiveness
- Premium-grade graphite upper deck provides solid attachment for shock absorber to rear pod
- Special 1-piece aluminum damper pad holder is mounted independently from the rear body mount to ensure independent and equal left-right movement of rear pod
- Spring-loaded upper and lower damper pads provide addition control of rear pod movement; grease-retaining grooves in damper pads ensure equal and consistent friction characteristics
- Rear body posts are mounted to the chassis via a wide independently-mounted graphite holder, ensuring body downforce is properly transferred to the chassis
- Compact and ultra-lightweight rear pod constructed from high-strength aluminum bulkheads, rear aluminum brace, and thin but strong high-grade graphite plates
- Rear pod bulkheads CNC-machined from premium extra-hard Swiss 7075 T6 aluminum, additionally black coated for long life and stylish look.
- Rear bulkheads are strategically machined to reduce weight to minimum while retaining strength
- Super-easy motor top access
- Rear pod accommodates brushed or brushless motors
- Eccentric composite bushings included for ultra-fine rear ride height adjustment
- Aluminum rear hubs machined from lightweight aircraft aluminum, specially lightened and black coated for stylish look
- Super-lightweight rear axle made from 1-piece high-grade graphite rod, additionally precision hand ground to eliminate vibration and run-out
- Rear differential features high-grade precision carbide balls for spur gear, hardened and precision-ground D-steel shims, and premium carbide 3x8mm axial thrustbearing
- Lightweight rear wheel mounting screws for reduced rotating weight

- Rear left aluminum wheel hub with center-balanced clamping mounting system, ensures secure mounting while eliminating vibration and run-out
 - Precision-molded spur gear made from XRAY's exclusive composite material, ensuring true running, super-quiet operation, super lightness and robustness for handling powerful motors
 - Easy rear track-width adjustment via included shims
 - Rear pod weight balance can be easily adjusted via shims between motor and bulkhead
 - Optimized weight balance when using brushless motors; when using lighter brushed motors the weight balance can be adjusted by shimming motor in the rear pod
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