

NEW Xray XII 12th scale released

Contributed by REV Scale
 Tuesday, 23 December 2008
 Last Updated Wednesday, 28 January 2009

Â

Xray have released their first 12th scale car. The new Xray XII may at first glance seem like a simple and traditional design, but thatâ€™s where the similarities end. The XII claims to achieve a state of perfection by focusing on well thought-out refinements to create a car that is easy to drive, work on, and adjust. Top-quality materials such as self-developed composite mixtures, Hudy Spring Steel, premium Swiss 7075 T6 aluminum and highest-grade graphite are the signature of Xray and the XII has them in abundance. Designed using sophisticated CAD tools, and manufactured using the worldâ€™s best machining and molding machinery, the XII achieves a level of quality in all details that is second to none.

Source: XRAY

Â

Main features:

- Â All-new XRAY 1/12 pan-car with authentic 100% self-developed XRAY parts, designed and manufactured parts by XRAY in Europe
- Â Legendary XRAY premium design, workmanship & material quality and unmatched attention to the finest details
- Â Conventional and proven 1/12 platform with redesign by legendary RC designer and XRAYâ€™s award-winning Chief Designer - Ing. Hudy Juraj
- Â Simple yet effective and proven design, well thought-out details, unmatched precision of all small details
- Â Specially designed and optimized for brushless and brushed motors
- Â High-competition design with focus on ultra-low weight, resulting in super-lightweight construction.
- Â Optimized for indoor carpet racing as well as outdoor asphalt racing
- Â CNC-machined chassis from custom-manufactured 2.0mm high-grade graphite material with specially-designed compound for carpet racing and asphalt racing; for extra-high grip carpet tracks an optional stiff chassis will be available
- Â Chassis layout optimally designed to give sufficient stiffness for excellent handling, but flexible enough to generate sufficient grip and traction
- Â Super-narrow chassis design and layout with all weight centralized along the centerline
- Â Chassis and rear pod features pre-drilled centerline holes for optimum weight balance adjustment using HUDY Balancing Tool #107880
- Â Composite front chassis protectors protect the front of the chassis in crashes
- Â 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.
- Â High-competition, fully-adjustable front suspension with super-clean design of all composite suspension parts
- Â 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
- Â Highest quality of all composite parts ensures super-precise fitment, easy assembly, and smooth operation of all parts
- Â Lower fixed suspension arms feature embedded self-locking nuts for easy assembly, prevents bending in the suspension and unwanted chassis tweak
- Â Fast & easy front caster adjustment via included clips
- Â Reactive caster adjustment of preset 2.5Â°, 5.0Â° or 7.5Â° via easy-to-change eccentric bushings
- Â Super-tiny yet robust steering blocks with uniquely-designed axles which prevent axle spinning while tightening the wheel locking nuts
- Â Additional front axle shims for adjustable front track-width
- Â Ultra-precise wheel axles CNC-machined from premium HUDY Spring Steel, additionally hardened and hand ground for precision fitment
- Â Pivoting front suspension with super-smooth hardened steel kingpins supported by soft springs; optional medium, hard, and extra-hard suspension springs available as options
- Â Front ride height adjustment and front track-width adjustment via shims
- Â High-precision, HUDY Spring Steel, pivot balls ensure super-fine movement of the front suspension under compression
- Â Graphite front upper brace between front suspension pins provides medium stiffness; aluminum adjustable front brace

available as an option

- Front upper 3mm adjustable HUDY Spring Steel camber turnbuckles are lightweight yet can withstand heavy crashes
- Lightweight composite 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

Adjustable Reactive Caster

Reactive caster is easily adjustable by using easy-to-change eccentric bushings of 2.5°, 5.0° or 7.5° (included). Reactive caster is used to adjust the amount of caster change when the front end of the car is compressing (diving) or decompressing (rising).

Adjustable Ride Height

Ride height is easily adjustable using included front shims and eccentric rear axle bushings, as well as adjustable shock preload for middle ride height adjustment.