

# NEW Xray XII 12th scale released

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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

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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, additionally hardened 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

- $\hat{\text{A}}$  Front upper 3mm adjustable HUDY Spring Steel  $\hat{\text{A}}$ ,  $\hat{\text{c}}$  camber turnbuckles are lightweight yet can withstand heavy crashes
- $\hat{\text{A}}$  Lightweight composite servo mounts with two different positions allow fitment of most popular micro and mid-size steering servos
- $\hat{\text{A}}$  Tiny yet robust servo saver with easy Ackermann adjustment via shims mounted below pivot balls
  
- $\hat{\text{A}}$  Tiny, ultra-flat composite battery holders keep batteries in place; multiple placement options (front, rear) for different chassis weight balance
- $\hat{\text{A}}$  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 $\hat{\text{A}}$  $^{\circ}$ , 5.0 $\hat{\text{A}}$  $^{\circ}$  or 7.5 $\hat{\text{A}}$  $^{\circ}$  (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.