

# M18 PRO

1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR

4WD

70+  
km/h



UNDENIABLY XRAY  
HIGH PERFORMANCE  
MICRO SIZE

XRAY®

# MICRO SIZE HIGH PERFORMANCE LUXURY 4WD SHAFT-DRIVE PREMIUM QUALITY



## TECHNICAL SPECIFICATION

wheelbase: **150mm**

front width: **100mm**

rear width: **107mm**

rear toe-in: **preset 2.5° (adjustable option)**

front toe: **preset 0° (adjustable option)**

front caster: **preset 6°**

front/rear camber: **-1°**

**adjustable downstops, front/rear**

**1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR**

# M18 PRO

- new high-competition micro racing platform designed by legendary RC designer and XRAY's award-winning Chief Designer - Ing. Hudy Juraj • pure racing design & high-performance pedigree
- designed for high-competition brushed and brushless micro motors • ultra-low center of gravity • 4WD shaft-drive ultra-efficient drivetrain • fully independent front and rear suspension • 6 cell in-line chassis CNC-machined from premium 1.6mm graphite • revolutionary XRAY Multi-Flex Technology™ top deck allows independent front/rear flex adjustment • new touring car-style hex hub wheels mounting system with aluminum wheel nuts • new harder arms for more aggressive and sharper handling • increased 6° caster for improved stability • externally-adjustable smooth ball differentials front and rear (factory pre-assembled) • adjustable downstops for precision setup • reinforced steering blocks and rear uprights to better withstand hard impacts



**UNDENIABLY EXCITING SUPER FAST**



XRAY is pleased to present the improved and refined M18 PRO - based on the legendary M18 platform, but redesigned with high-performance racing in mind. The M18 PRO's progressive design embodies an enhanced driving experience... from the purpose-built performance chassis... to the unique revolutionary XRAY Multi-Flex Technology™ top deck... to the smooth externally-adjustable ball diffs... to the race-oriented wheel mounting system. The M18 PRO was born from racing DNA to challenge your racing skills on any track.

**High performance. Micro size. Undeniably XRAY.**

Dipl. Eng. Juraj Hudy, Chief Designer, XRAY

**1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR M18 PRO**

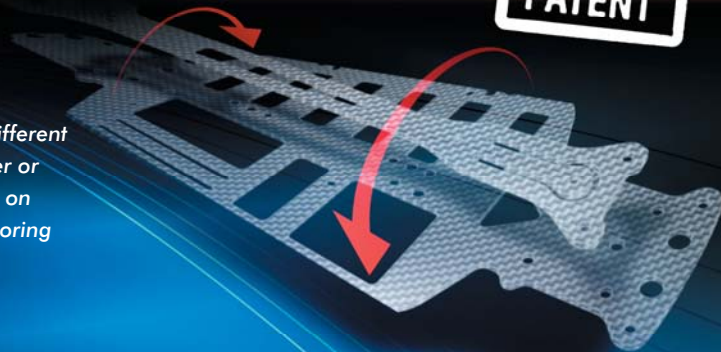
- longer wheelbase for improved stability • decreased rear toe-in for higher top speed and sharper handling • premium Swiss 7075 T6 aluminum universal adjustable motor holder • drivetrain includes 16 high-speed, high-quality ball-bearings for maximum efficiency and speed • ultra-true aluminum center drive shaft • graphite battery strap holds batteries securely in the chassis • battery stops ensure batteries will not move even in heavy crash • coil-over shocks for precise chassis handling • adjustable shock position for damping adjustment • adjustable body posts, front and rear • high-resilience lightweight front foam bumper and graphite bumper brace • spring-loaded servo saver protects steering servo • adjustable steering rod • premium foam tires: 50deg front, 35deg rear for maximum stability and easy handling • set of pinion gears for optimum gear ratio adjustment • both 36T and 42T spur gear included • lightweight high-performance racing body

# XRAY Multi-Flex Technology™



XRAY's patented **Multi-Flex Technology™ (MFT™)** now revolutionizes the micro platform in the new **M18 PRO**.

With the **MFT™** top deck you can set up and adjust the **M18 PRO** for all different racing conditions. No matter if you drive on asphalt or carpet, using rubber or foam tires, you can quickly, easily, and independently adjust **MFT™** points on the top deck – front or rear – to give you different flex characteristics. Tailoring a micro car to the track has never been this easy!



TRACTION

STEERING

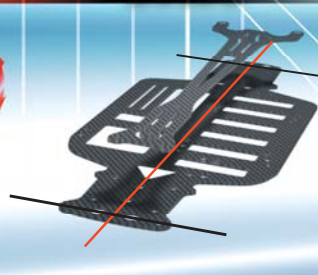
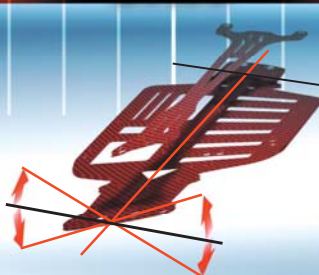
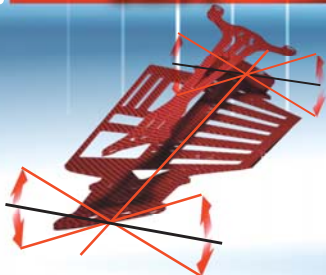
REAR

SOFT

STIFF

SOFT

STIFF



FRONT

SOFT

SOFT

STIFF

STIFF





## HIGH-PERFORMANCE PARTS INCLUDED



## MICRO TOURING CAR-TYPE WHEEL MOUNTING SYSTEM

One of the most significant improvements on the M18 PRO is the new wheel mounting system. The new M18 PRO features micro versions of standard touring car hex wheel hubs, which mount directly to the efficient universal drive shafts. New-style wheels fit onto the hex wheel hub and are secured with machined lightweight nuts. This system not only improves the performance of the car and allows for solid wheel mounting, it also makes wheel changes very quick and easy.

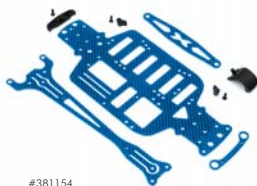


# XRAY AUTHENTIC OPTION PARTS

A variety of different optional parts are available directly from XRAY. All XRAY option parts are designed and engineered by XRAY's R&D department ensuring that all option parts have a direct fit. XRAY does not offer fancy "for show only" options, but only high-quality option parts which improve the performance or robustness of the car. You can be sure that by using XRAY's authentic option parts you get the most value and improved performance.



#381153  
M18 PRO GRAPHITE CHASSIS,  
TOP DECK, BATT. & BUMPER HOLDER SET - SILVER



#381154  
M18 PRO GRAPHITE CHASSIS,  
TOP DECK, BATT. & BUMPER HOLDER SET - BLUE



#38 1221  
FOAM BUMPER - BLUE



#382041  
ALU HEAT SINK FOR  
SUPER SIZE MOTOR



ALU SUSPENSION BLOCK  
#382252 - LEFT  
#382262 - RIGHT



#385001  
ALU ADJ. BALL DIFFERENTIAL  
HARD COATED - SET



#385101  
FRONT ONE-WAY DIFFERENTIAL  
SET - BLUE



#38 5701  
COMPOSITE PINION SET  
(13,14,15,16)



#385203  
ALU DRIVE SHAFT  
FOR HEX ADAPTER - SET (2)



#38 9181  
XRAY MICRO SPEED CONTROLLER 300  
WITH BRAKE



#38 9170  
XRAY MICRO SERVO XMS01MG  
METAL GEAR



#38 9143  
XRAY MICRO MOTOR 370  
SUPERSIZE



#389101 - XRAY M18 POWER PACK PRO  
(BATTERY, MOTOR, SERVO, SPEEDO)

FOAM TIRES MOUNTED  
WITH HEX HUB

#389544 FRONT - MEDIUM (45DEG)  
#385946 FRONT - HARD (50DEG)

#389541 REAR - SOFT (35DEG)  
#389543 REAR - MEDIUM (40DEG)



#93 0120  
CARBIDE BALL 2.4MM  
FOR BALL DIFFERENTIAL (12)



#93 0125  
CARBIDE BALL-BEARING  
AXIAL 2.5x5.4x0.8



#383300  
ADJ. TURNBUCKLE SET  
FOR TOE-IN ADJUSTMENT



#387541  
NICKEL COATED PIVOT  
BALL 4.2MM TYPE C (8)

#387561  
M18 NICKEL COATED  
PIVOT BALL 5.8 MM TYPE A (16)

#387562  
M18 NICKEL COATED PIVOT  
BALL 5.8 MM TYPE B (8)



#940610  
HIGH-SPEED BALL-BEARING  
6x10x3 RUBBER SEALED (2)



#389701 - MICRO BODY 1/18 SUPRA - 150MM



#389702 - MICRO BODY 1/18 LAGOON - 150MM



#389703 - MICRO BODY 1/18 956 - 150MM



#389707 - MICRO BODY 1/18 NT18 F360



XRAY EUROPE  
Pod Sokolice 6992, 911 50 Trenčín  
Slovakia, Europe  
Phone: +421 32 7440180, Fax: +421-32-740 11 09  
info@teamxray.com

XRAY USA  
RC America, 167 Turtle Creek  
Boulevard Suite C, Dallas, Texas 75207  
Phone: (800) 519-7221 \* (214) 744-2400  
xray@rcamerica.com

The top speed depends on the type of batteries and motor used.

[www.teamxray.com](http://www.teamxray.com)