



DATA SHEET

Evotek Sym 027 BASIC

N.	Product page: Evotek Platform 027 Basic (My2016)
1.0	Chassis Modular Mod. Club E. Fiberglass tissues.
1.1	Color customization by Request.
1.2	Fiberglass seat with adjustable lateral support.
1.3	Fiberglass steering bulkhead.
1.4	Cockpit compliant to FIA dimension
1.5	Cockpit with forced ventilation: (2 80mm fans Integrated to seat bulkhead)
2.0	Wheel Mod. 027: Fully Programmable, Leo Bodnar display.
2.1	Steering Wheel ready for double dialogue: vehicle controls and software capabilities control.
2.2	Steering wheel with quick release with central connector (8-pin Lemo)
2.3	Rotary knobs in Delrin
3.0	Gp Steering: Direct Drive Type. Sanyo Drive and motor with 3200 encoder steps / rev High precision and 15Nm torque.
3.1	Mechanics Securities (rotation lock) and Electronic Control (cutting power / torque FF).
3.2	Single module with integrated electronics and mechanics on Fiberglass structure
4.0	Hydraulic Pedal Group Mod.Evotek F1.
4.1	Aviorace Hydraulic Pressure sensor (150bar), Aviorace throttle potentiometer.
4.2	Sliding pedals adjustable from the driver's position: Range160mm
4.3	Accelerator Adjustable mechanically.
4.4	Stainless steel Levers Pedals and support structure (Polished)
4.5	Fiberglass sill with separator plate FIA F1 compliant.
5.0	Evotek F1 Motion System Group = 3D.O.F. employs three high-performance stepper actuators (High speed and acceleration) controlled by 3 specific RTA drivers.
5.1	Virtual Center of rotation of the ball joint, free from mechanical movement and elastic latencies.
5.2	Electronics and mechanics integrated on a single module in light aluminum alloy.
5.4	Pneumatic Suspension System (gas springs) in parallel to vertical electroactuators for discharging of the static weight and greater reactivity of the movements.
6.0	Audio System (Integrated in the seat bulkhead)
6.1	Sound Evotek F1: Sampling Acquired by Real F1 V8 engine
6.2	Logitech Dolby sound system 5.1 = Audio on separate channels with an output of 165W for subwoofer and 65W for the five channels, for a total power of 500W
6.3	3 Logitech 65mm speakers: Right bank engine, Left bank engine and Central intake
6.4	1 Logitech Subwoofer integrated to the lower wall of the rear chassis
6.5	2 65mm Logitech Speakers integrated in the monitor Structure. Left and Right sounds of tires and Environment
7.0	Finishes
7.1	Fiberglass Rear Covers (Upper and lower)
8.0	Graphic display
8.1	Lightweight TV structure
9.0	Control electronics
9.1	h980 electronics cabinet containing the PC necessary for the functioning (8 core high performance processor 4.7GHz clock, 16GB of RAM, high-performance video card Ati or Nvidia with 8GB memory, SSD), uninterruptible ups group, sound system Logitech 5.1, custom etlectronics for simulator power and control, 2 Butt kicker amplifiers
9.2	Software Supplied: Assetto Corsa Sym Version 12. All content and features updated. This version is licensed for private and public use. (With Exclusive Evotek F1 sound)
10.0	Documents
10.1	Certificate of Ownership (Operation booklet)
10.2	Assistance contract
10.3	Maintenance Manual