



# NK.01

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THE BUMPER CARS



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[PATENTED]







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**NOTE:** WHEN PAINTED,  
ABS PARTS ARE NOT  
ECO-FRIENDLY PRODUCT



[PATENTED]

## THE BUMPER CARS

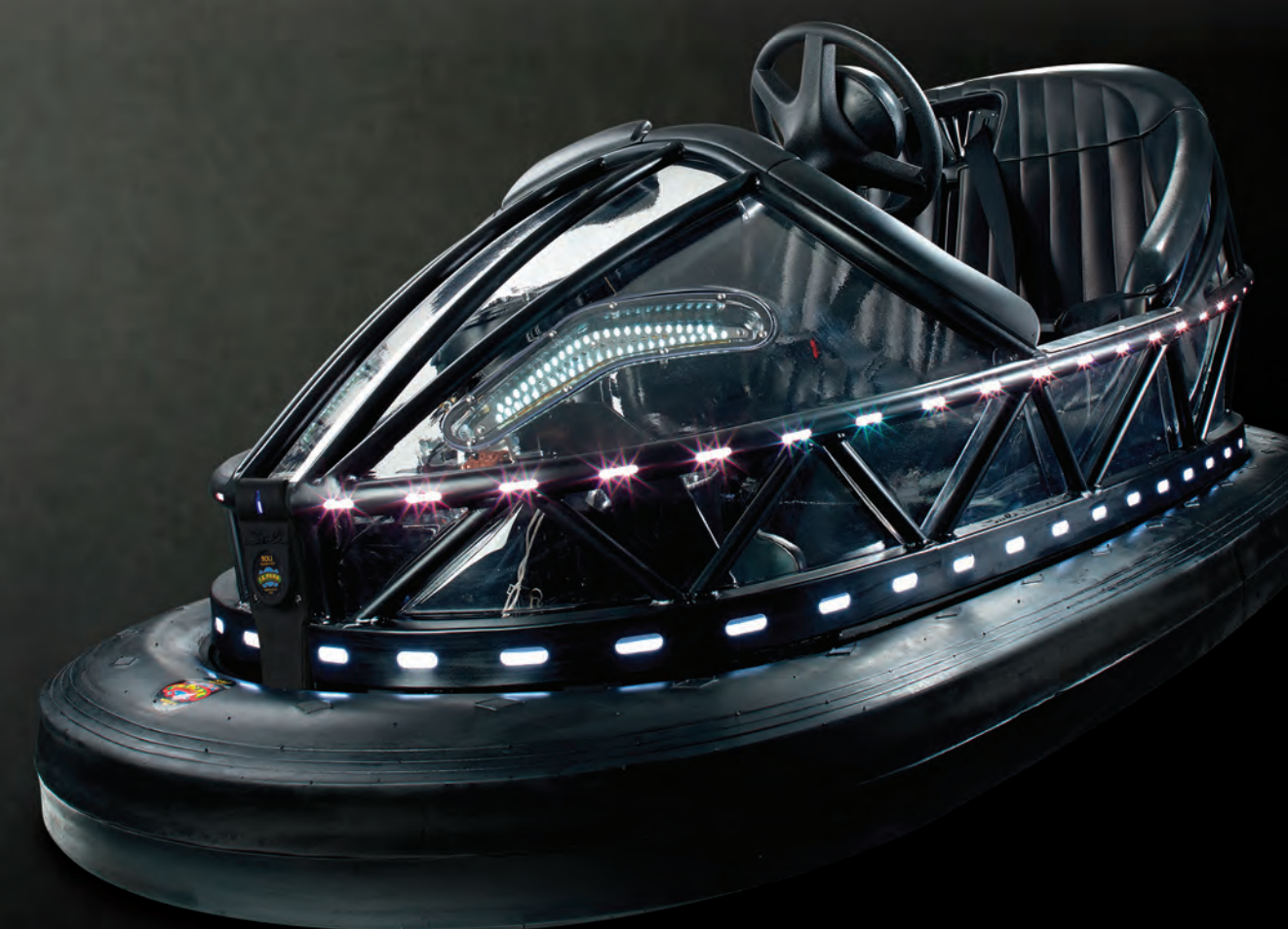
WITH ITS UNIQUE DESIGN AND THE USE OF RECYCLABLE MATERIALS, THE **NK.01** BUMPER CAR IS A TRULY INNOVATIVE VEHICLE .

UNLIKE OTHER BUMPER CARS, THE SUPPORTING STRUCTURE IS MADE OF TUBULAR STEEL WHICH, AS OPPOSED TO FIBREGLASS, HAS A GREATER RESISTANCE TO SHOCK AND VIBRATION.

IN ADDITION, THE BODY OF THE CAR IS MADE OF HIGH STRENGTH PLASTIC MATERIALS AND CAN BE TRANSPARENT, COLORED OR PAINTED TO CUSTOMER CHOICE.

THE COLORS OF THE STEEL STRUCTURE AND THE CAR BODY CAN BE A MIX OF MANY COMBINATIONS DEPENDING ON THE REQUIREMENTS OF THE CUSTOMER.

THE MATERIALS USED IN THE VEHICLES ARE 100% RECYCLABLE AT THE END OF THE LIFE CYCLE OF THE CAR, TO ENSURE A HIGH PROCESS OF ECO-SUSTAINABILITY OF THE PRODUCT.





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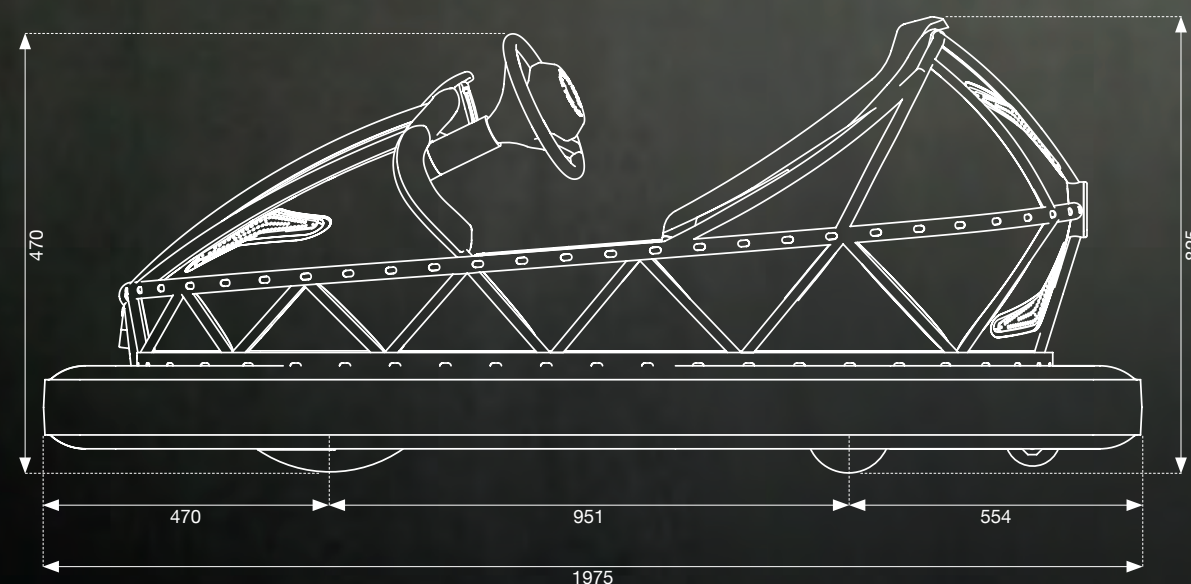
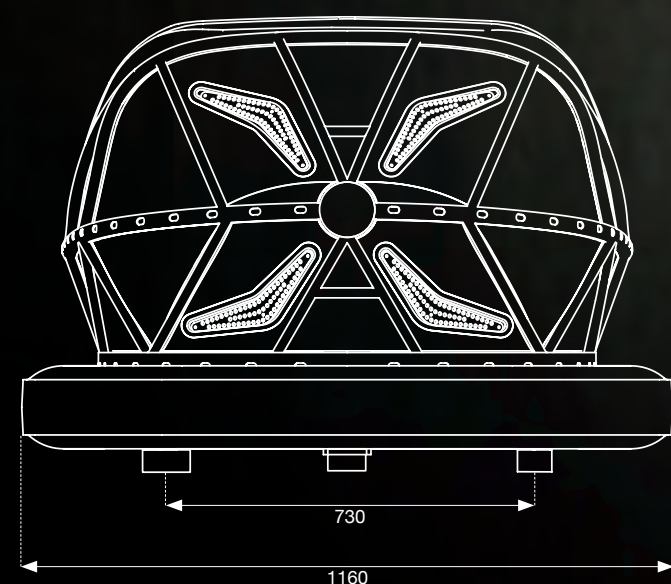
THE BUMPER CARS



[PATENTED]

THE NEW POSITIONING OF THE VEHICLE'S LED LIGHTS INSIDE THE TUBULAR FRAMES GUARANTEES PROTECTION AGAINST IMPACTS AND TAMPERING AND BECAUSE THE LIGHT FITTINGS USE RGB COLORS, THERE ARE MANY COLOR OPTIONS AVAILABLE, DEPENDANT ON THE CHOICE MADE IN THE PROGRAMMING OF THE MASTER-MPD1 ELECTRONICS BOARD. IN ADDITION TO THE PROGRAMMING OF

THE LIGHT COLORS, THE USE OF THE MASTER-MPD1 ELECTRONICS BOARD ALSO ALLOWS THE MANAGEMENT OF THE DIGITAL TOUCH DISPLAY AND ANY INTERACTIVE GAMES ON BOARD THE CAR, WHILE THE ACCELEROMETER DETECTS THE CAR COLLISIONS AND TURN THEM INTO LIGHT GAMES OR IMAGES TO SHOW ON THE DIGITAL DISPLAY.





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## LED LIGHTS

THE **NK.01** FEATURES SIX HEADLIGHTS WITH LED LIGHTING TECHNOLOGY, PROTECTED BY IMPACT-RESISTANT POLYCARBONATE LENSES, OFFERING A HIGH LEVEL OF LIGHTING WITH LOW ENERGY CONSUMPTION AND LONG LIFE .

CONTROLLED BY THE MAIN ELECTRONIC MASTER- MPD1 BOARD, THEY CAN CREATE SPECIAL LIGHTING EFFECTS - FOR EXAMPLE INTERMITTENT LIGHTING, EVANESCENCE, IN SYNC OR STAGGERED, AND IF ASSOCIATED WITH OTHER DEVICES, CAN VARY FOR EXAMPLE WITH THE BRAKING, WITH THE CRASHES BETWEEN CARS, WITH THE ACHIEVEMENT OF A GOAL, ETC.

## DIGITAL TOUCH DISPLAY

THE DIGITAL TOUCH SCREEN ALLOWS THE CLIENT TO USE DISPLAYS SUCH AS CLIENT ADVERTISING, COMPANY LOGOS, CAR DASHBOARDS, THE SCORE OF INTERACTIVE GAMES, SPEEDOMETERS OF SEVERAL CARS, SHORT MOVIES OR VIDEO PRE-LOADED INTO THE INTERNAL MEMORY. USING THE ON-BOARD TOUCH SCREEN TECHNOLOGY, THE USERS CAN SELECT DIFFERENT MODES FROM A SPECIAL MENU, WHICH INCLUDE:

- **GAMES:** THE DISPLAY TURNS INTO AN INTERACTIVE ELECTRONIC GAME CONSOLE WITH OTHER CARS
- **WEB CAM:** THE DISPLAY FUNCTIONS ARE SET BY THE INSTALLED SOFTWARE, WHILE UPDATES CAN BE ENTERED BY USB KEY
- OTHER FUNCTIONS WITH THE UPCOMING SYSTEM DEVELOPMENTS

## WEB CAM

THE LED TECHNOLOGY USED ALLOWS FOR IMAGES EVEN IN POOR LIGHTING CONDITIONS. IT CAN BE INSTALLED IN DIFFERENT PARTS OF THE CAR, SHOWS THE OTHER CARS ON THE TRACK AND IT CAN BE COMBINED WITH GAMING FUNCTION. GENERALLY IS PLACED ON THE REAR OF THE CARS.

## WI-FI

IT IS POSSIBLE TO ACCESSORIZE THE CAR WITH A WIRELESS SYSTEM THAT ALLOWS CONNECTIVITY WITH THE OTHER CARS FOR THE IMPLEMENTATION OF INTERACTIVE GAMES, EXCHANGE OF EMOTICONS, MESSAGES , PRE-LOADED IMAGES, ETC.. THE WI-FI CONNECTION IS MANAGED BY A DEDICATED ACCESS POINT.



## STANDARD - INCLUDED



**OPPORTUNITY  
TO CUSTOMIZE LOGOS**



IMAGES MUST BE .GIF TYPE  
OF 480X272 FORMAT  
WHEN THE CAR START MOVEMENT



VIDEOS MUST BE .AVI TYPE  
OF 480X272 FORMAT  
WITH DURATION ABOUT  
30 SEC. UP TO 3 MIN.  
(POSSIBILITY TO UPLOAD  
YOUR VIDEO OR PUBBLICITY)



WEB CAM  
YOU CAN SEE EVERYTHING  
THAT HAPPENS BEHIND THE CAR  
TO INTERACT WITH OTHER USERS

## OPTIONS - NOT INCLUDED

MEDIA SYSTEM OF COMMUNICATION BETWEEN VEHICLES FOR THE EXCHANGE  
OF EMOTICON AND MESSAGES THROUGH DATA ENTER VIA WI-FI



TRANSMITTER EMOTICON  
THROUGH WI-FI



RECEIVER EMOTICON  
THROUGH WI-FI



**POSSIBILITY OF CUSTOMIZING THE DASHBOARD**



EXAMPLE OF AN EMOTICONS



# TOUCH SCREEN DISPLAY NK.01

CUSTOMIZE LOGOS

INCLUDED

INCLUDED

“WEB CAM” PAGE



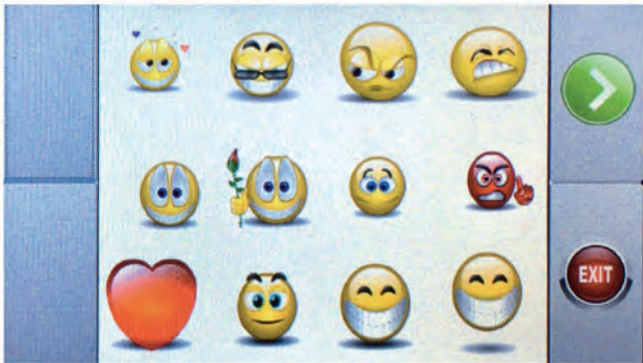
SELECTING ICON, YOU CAN ACCESS IN THE “WEB CAM” ACTIVATION PAGE. YOU CAN SEE EVERYTHING THAT HAPPENS BEHIND THE CAR TO INTERACT WITH OTHER USERS

THE ICONS **CAM 1** AND **CAM 2** ARE ACTIVATED IN ADDITIONAL APPLICATIONS:

THIS IS THE HOME PAGE WHICH APPEAR AS SOON AS THE CAR TURNS ON

OPTION

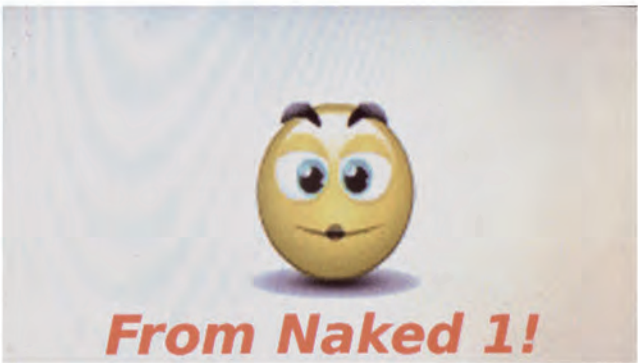
SELECTING ICON YOU CAN **ACCESS IN THE APPLICATIONS** INSTALLED PAGE. (NOW IT’S JUST INSTALLED THE GAME 1, **EMOTICONS**)



THE PROGRAM CONTAINS TWO PAGES EMOTICONS SELECTION, ABLE TO BE SENT TO A CAR, CHOSEN BY THE USER

	NK 1	NK 2	NK 3	NK 4	NK 5	
	NK 6	NK 7	NK 8	NK 9	NK 10	
	NK 11	NK 12	NK 13	NK 14	NK 15	
	NK 16	NK 17	NK 18	NK 19	NK 20	

“NK CAR’S LIST” PAGE



“EMOTICON RECEIPT FROM NK.01” PAGE





A NEW LEVEL  
OF EXCITEMENT  
IN THE BUMPER CARS  
WORLD.

## VR experience

ENTER IN THE WORLD  
OF VIRTUAL REALITY  
OF SOLI BUMPER CARS DIVING  
INTO NEW FANTASTIC  
EMOTIONS  
WHEN FANTASY  
PREVAIL MAGIC STARTS

PLAY  
WITH US

VIRTUAL REALITY

NEW EXPERIENCE

APP







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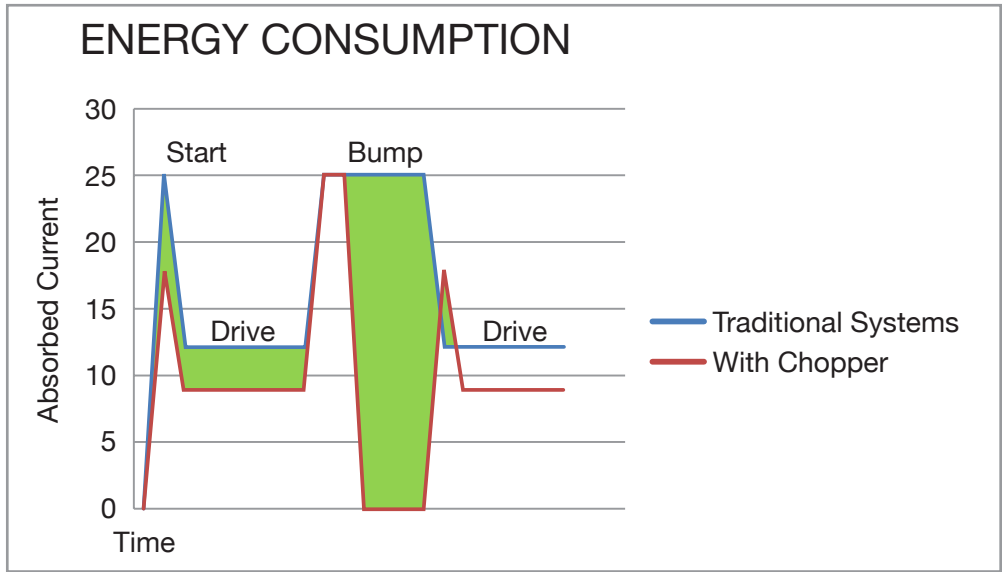


## 1st reason why NK.01 car is green

The NK.01 features reduced power consumption through the use of a special “chopper” electronic board for power control.

This board allows the supply of the electrical power to the vehicle motor in a proportionate and non ON / OFF mode, as found in traditional systems. The board can be set in such a way as to limit the maximum current supplied to the motor.

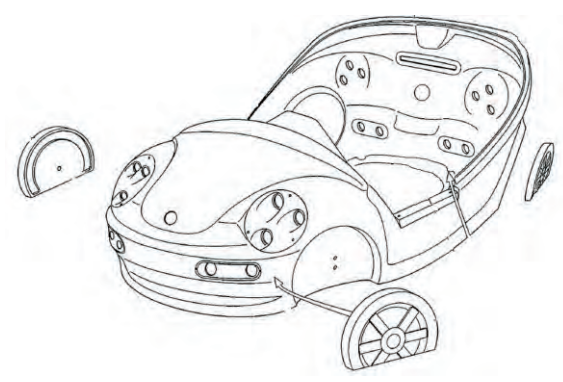
The speed of the cars is therefore sensibly reduced, with lower power consumption. In case of prolonged shock, the electronic board allows for the switching off of the engine, reactivating it after 4/5 seconds.



## 2nd reason why NK.01 car is green

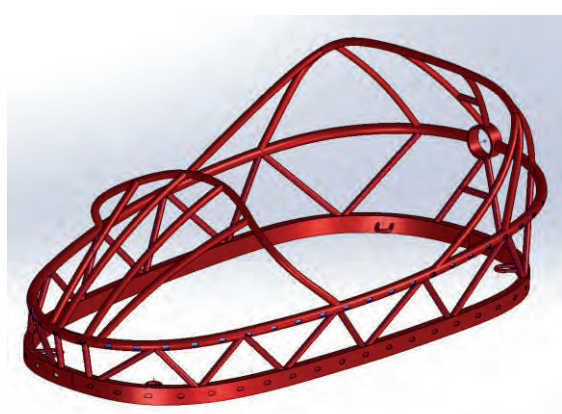


**STANDARD BUMPER CAR**  
0% Recyclability



Fiberglass body

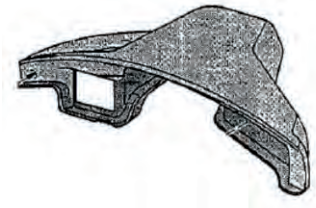
**NK.01 BUMPER CAR**  
100% Recyclability



100% recyclable iron body



100% recyclable plastic bodies



Polyurethane dashboard



100% recyclable dashboard

**\*NOTE:** WHEN PAINTED, ABS PARTS ARE NOT ECO-FRIENDLY PRODUCT





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