



# iKreate

**NMEA 2000 Simulator & NMEA  
2000 Playback**

## New Product Introduction

Digital Yacht iKreate

Part Number: ZDIGIKREATE

UPC: 703791696949

SRP ex vat: £200 ex vat

Availability: October 2025

TEL - 01179 554474

[www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

# iKreate - Introduction

The image shows the NMEA 2000 Simulation Program web interface and the iKreate USB interface device. The web interface is displayed in a browser window with the URL `C:/Users/pauls/Desktop/iKreate/iKreate.html`. The interface has a blue header with the title "NMEA 2000 Simulation Program" and buttons for "Simulate", "Replay", and "Configure". Below the header, there are status indicators: "Bus Time: 00:11:34", "Bus Load: 0%", "Network Devices: 1", and "Messages Sent: 850". There are also buttons for "Add new message to list", "Load Messages", "Save Messages", and "Stop simulating TX messages". A table lists the messages being simulated:

| Message Title                  | PGN    | Message Frequency  | Actions                                                                                   |
|--------------------------------|--------|--------------------|-------------------------------------------------------------------------------------------|
| Vessel Heading                 | 127250 | Every 100ms (10hz) | <button>Pause message transmission</button> <button>Edit</button> <button>Delete</button> |
| Rudder                         | 127488 | Every 100ms (10hz) | <button>Pause message transmission</button> <button>Edit</button> <button>Delete</button> |
| Engine Parameters Rapid Update | 127488 | Every 100ms (10hz) | <button>Pause message transmission</button> <button>Edit</button> <button>Delete</button> |
| Engine Parameters Dynamic      | 127489 | Every 500ms (2hz)  | <button>Pause message transmission</button> <button>Edit</button> <button>Delete</button> |

The iKreate USB interface device is shown in the foreground, connected to a USB cable. The device has a label that reads "iKreate NMEA2000 Simulator" and includes technical specifications and contact information.

iKreate is a NMEA 2000 network simulator

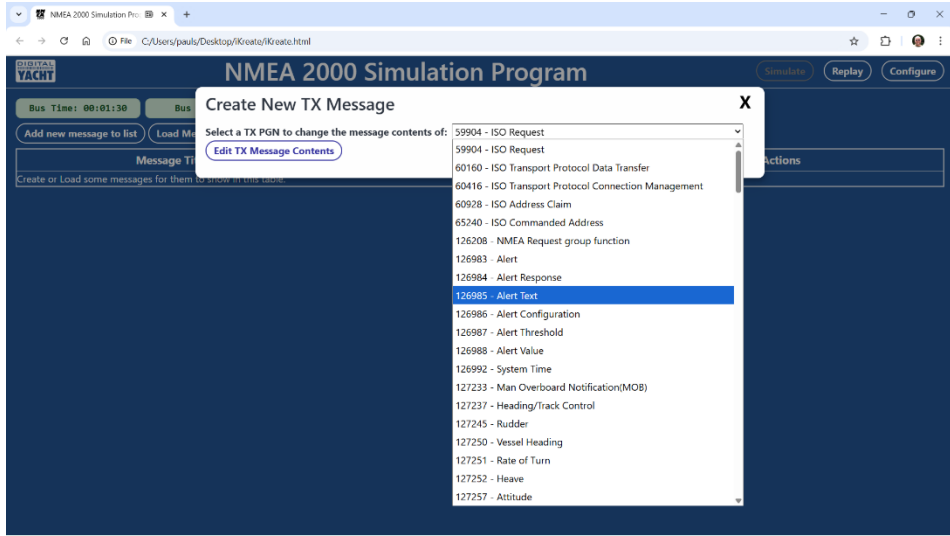
For anyone involved in designing, manufacturing or installing marine electronics, the ability to simulate or replay NMEA 2000 data is a real advantage and can accelerate software development, demonstrate NMEA 2000 devices and systems at exhibitions or help diagnose network issues.

With more and more modern boats having an NMEA2000 network at the heart of their navigation system, it is really important that you have the tools to investigate the devices and data on the network should things not work as planned.

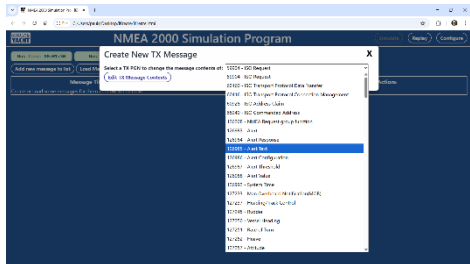
Consisting of a new iKreate USB interface and an HTML5 based web app, the iKreate simulator can generate any number of NMEA2000 PGNs or replay saved log files of real-life network data from any NMEA2000 system, regardless of brand.

# iKreate – Key Features

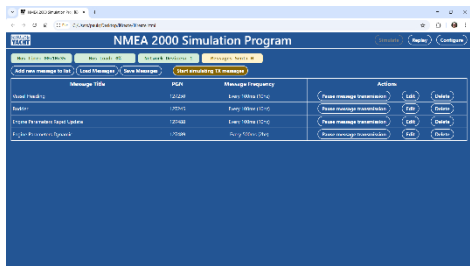
- Create individual NMEA 2000 PGNs from drop down list populated with the data you enter or play back a NMEA 2000 log file captured by a Digital Yacht NMEA 2000 product etc from an on-board system
- Multiple PGN groups can be created and even saved for future use
- Data variance function can synthesise changing values
- No complicated software to install – just a simple file for Chrome, Edge, Opera or Chromium
- Functions on PC, MAC and Linux platforms – simple USB connection
- Set SRC address and instance
- Available with USB C connector (USB A option)



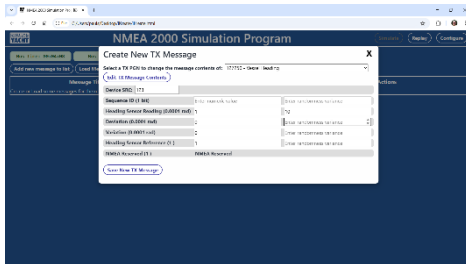
## iKreate – Typical Screen Shots



### Select your PGN - Create multiple NMEA 2000 PGNs from drop down list



**Once PGNs are set simply select Start Simulating and data will be output onto the NMEA 2000 bus. iKreate will appear invisible on the bus**



**Add custom field data to the PGN and even apply a variance for changing data simulation. SRC address can also be set**



**Alternatively, log data from an onboard network using Digital Yacht NMEA 2000 products and replay that data through the simulator**

# Ordering Information

| iKreate<br>NMEA 2000 Simulator             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer<br>Description<br>Part Number | DIGITAL YACHT<br>IKREATE NMEA 2000 SIMULATOR<br>ZDIGIKREATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPC                                        | 703791696949                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Price - Standard dealer discounts apply    | £200.00 excluding vat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Key features                               | <ul style="list-style-type: none"><li>• Create individual NMEA 2000 PGNs from drop down list populated with the data you enter or play back a NMEA 2000 log file captured by an iKonvert, NavLINK, EngineLINK etc from an on-board system<ul style="list-style-type: none"><li>• Multiple PGN groups can be created and even saved for future use<ul style="list-style-type: none"><li>• Data variance function can synthesise changing values</li></ul></li></ul></li><li>• No complicated software to install – just a simple file for Chrome, Edge, Opera or Chromium</li><li>• Functions on PC, MAC and Linux platforms – simple USB connection<ul style="list-style-type: none"><li>• Set SRC address and instance</li></ul></li><li>• Ships with USB C connector and 0.8m NMEA 2000 cable</li></ul> |
| Dimensions & weight<br>Commodity code      | Shipping weight 0.2kg (0.8M NMEA 2000 cable included)<br>90148000<br>UK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |