



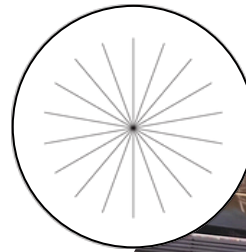
We Create Technologies
for Interactive Retail Experiences

Maestro

Maestro unites your favorite devices and services in-store to power interactive experiences. It includes sensors, robotics, AI, digital signage, lighting control, and any technology you wish to integrate.

How it works

Maestro is an OS running on a micro-computer that can connect wired or wirelessly with any hardware or software. Thanks to its Matter compatibility, thousands of IoT devices can connect. Select from a suite of pre-designed retail interactions or create your own, and GK Concept will provide the right hardware for you.



Why Choose Maestro ?

Scalable solution

New developments can be scalable by relying on Maestro system and GK Cloud to operate maintenance

Custom projects

Combine ready-to-use interactions to create unique journeys. No more developing from scratch.

Insightful Analytics

Provides valuable insights to optimize store performance and customer satisfaction.

Integrate any tech

Maestro connects to your device, IoT, or digital service like your website.



Interaction Library examples



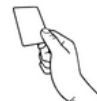
Detect



Push



Take



Pull



Sensors



Light Up



Sound



Smell



Analyze



Sample



Turn



Lift



Robotics



AR

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General information

POWER SUPPLY : 12V and 24V power supply. 4 Maestro 8x8 can be daisy-chained to increase the number of inputs and outputs.

CERTIFICATION :

- Standard IEC for CB



Composition:

- **Maestro Board :** microcomputer with the Maestro OS controlling interactions.
- **Maestro 8x8 :** Plug any electronic item like LED, buttons, sensors, to control them and create interactive experience.

8 inputs / 8 outputs working with DC motors, low- and high-voltage electronics, TOF sensor connection.

- **Stepper motor driver:** stepper motor control for power ratings up to 6A
- **Captor TOF :** distance sensor from 20mm to 2000mm.
- **Capacitive sensor strip :** Presence detection, generally used to detect when a product has been removed from its location or put back.

Band of 13 capacitive sensors that can be reduced to a minimum of 4 sensors, or daisy-chained to increase the number of sensors.

Matter certified:

Connect any Matter-compatible IoT device to Maestro. This includes Google, Amazon, and Tuya IoT devices, for instance.

Dimensions :

- Sensor size 30x45mm.
- Tape size: 400x45.
- Minimum size 120x45.

All materials must be tested to ensure that they do not impede detection.

Compatibility of Maestro OS : Raspberry pi 4 and Orange pi zero 2, Coral TPU to handle AI. Possible integration with other similar boards including Jetson nano, raspberry pi 5, Rockpi.

Business Model

Machine rental according 3 models:

- Events
- Multiple Events
- Permanent

Purchase of our software licenses according to 3 models :

- Events
- Multiple Events
- Permanent

Maintenance

Our maintenance is ensured by GK Cloud, that redefines maintenance with a focus on proactive, reactive, and preventive strategies. Our platform is built on the principle of uninterrupted service, ensuring retail technologies are always operational and effective.

ALL THE FEATURES INCLUDED IN THE MAINTENANCE

- Online Support
- Dropper Technology
- Platform
 - Marketing Data
 - Automated Report
 - Predictive Maintenance Alert
- Mobile app for field
 - Notification center for fields
 - Synchronisation of datas in case there is not Internet access
 - Automated hardware updates on App
- Customer success
 - Proactive customer success management
 - Phone Assistance
 - On site intervention management