



# ROBOTIC LAWNMOWER

YOUR PERSONAL GARDENER, KIOTI ROBOTIC LAWNMOWER





# YOUR PERSONAL GARDENER, KIOTI ROBOTIC LAWNMOWER







### SMART MOWING

- Mobile APP management
- LTE (2G/3G/4G)



### EXCELLENT DRIVING PERFORMANCE

- Zig-Zag pattern driving
- Optimal route calculation
- Driving up to 25°(46.5%)



### SECURITY FUNCTIONS

- GPS location tracking
- 2 Alarming types
- User notification via APP



### DEVICE PROTECTION

- Gentle bumping
- Rain detection sensor

### Unleash the possibility of the land!

Daedong, Korea's first tractor manufacturing company, has been leading agricultural development for the past 77 years, as No. 1 in the Korean agricultural machine industry and as a global leader.

AGRICULTURAL MACHINERY MANUFACTURER IN KOREA, SINCE 1947.



## EXCELLENT PERFORMANCE AND OPTIMIZED FEATURES MAKE REGULAR MAINTENANCE A BREEZE.

**Automatic Charging**

**LTE Module**

Controllable anywhere, anytime. (2G/3G/4G)

**GPS module**



**Obstacle Detection Sensors**

Slowing down in case of obstacle detection with ultrasonic sensor

**Rain Detection Sensor**

Returns to the charging station by itself when it detects rainwater.



### CONVENIENT GARDEN CARE WITH APP

## SMART ROBOTIC LAWNMOWER

**Anti-theft alarm with GPS**

Alarm through mobile and sounds in robotic lawnmower itself when crossing the guide-wire for 5 seconds

- 2 alarming types
- User notification via APP
- GPS location tracking



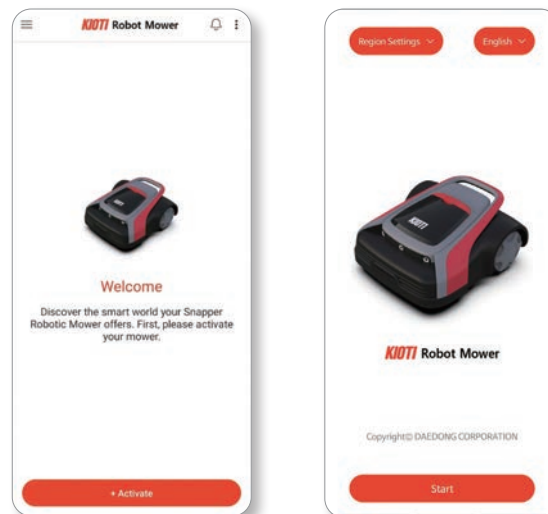


## Easy management using APP

Mobile APP for scheduling, condition check, battery rate, and security.

## Manage APP with LTE

- Operate your robotic lawnmower even away from home (2G/3G/4G)
- No problem even if the Wi-Fi router doesn't reach your yard



NO PROBLEM EVEN ON STEEP SLOPES

## EXCELLENT DRIVING PERFORMANCE

### Driving up to 25°

Even if the garden slope is tough, the KIOTI robotic lawnmower keeps it clean!

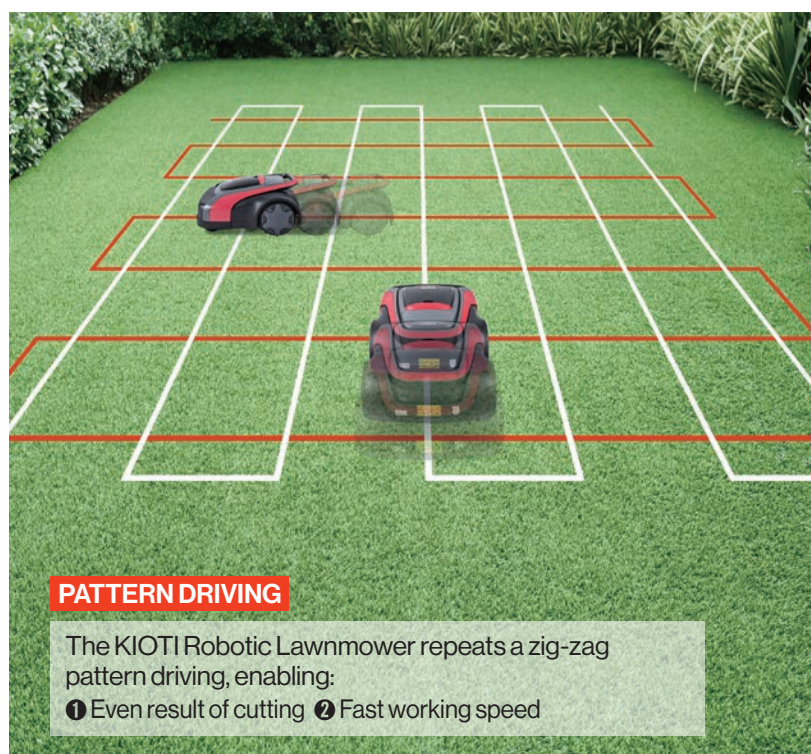
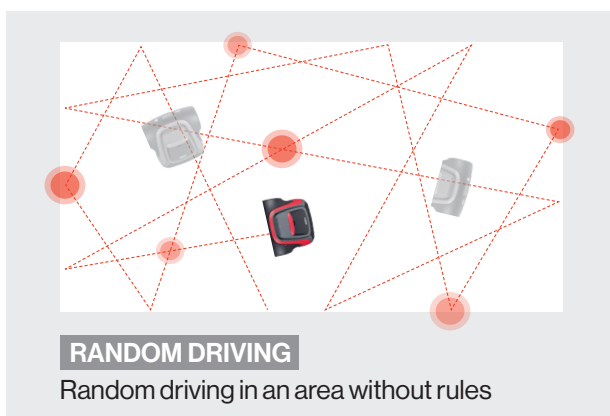


## ZIG-ZAG Pattern driving

Gardening without missing a spot!

### Optimal Route Calculation

KIOTI Robotic Lawnmower calculates the optimal route itself and the estimated task completion time.



## FOR YOUR CONVENIENCE AND SAFETY **VARIOUS FUNCTIONS**

### **Gentle Bumping**

- Deceleration at detecting obstacles with ultrasonic sensor
- After gentle bumping, the mower automatically changes cutting path



### **Rain Detection Sensor**

Returns to the charging station by itself when it detects rainwater.

### **IPX5 Waterproof**

Powerful waterproof function without worrying about heavy rain



### **Unleash the possibility of the land!**

The name KIOTI is derived from the coyote, the North American steppe wolf, and is the export brand of Daedong Corporation from South Korea, founded in 1947.

AGRICULTURAL MACHINERY MANUFACTURER IN KOREA, SINCE 1947.

### **Our Vision**

#### **Future agtech platform company**

Daedong, Korea's first tractor manufacturing company, has been leading agricultural development for the past 77 years, as No. 1 in the Korean agricultural machine industry and as a global leader.

We now seek to lead all areas of future agriculture, beyond the agricultural machine industry, as a future company. We will be reborn from an agricultural machine production company to a smart agricultural solution company based on cutting-edge ICT technology, and we will lead the agricultural development of Korea and the world

Specification		KIOTI ROBOTIC LAWNMOWER
Dimension	(mm)	600 × 690 × 330
Working Area	(m²)	3,000
Weight	(Kg)	17.5
Battery Type		lithium ion
Cutting width	(mm)	278
Cutting height	(mm)	20-90
Charging time	(Min.)	120
Usage time	(Min.)	100
Climb slope angle	(%)	46.5
Minimum passage space	(cm)	100
Noise	(Decibel)	60
Rain sensor		O
Obstacle detection		O
Anti-theft alarm		O
Geo-fence		O
Waterproof rating	(IPX)	5
App		O
Tele-communication type		LTE
Cutting height control type		Manual
Pattern driving		O





**DAEDONG KIOTI Europe B.V.**

World Trade Center Rotterdam Beursplein 37

3011 AA Rotterdam Nederlands

**Toll free** +31(0) 85 10 63 580

**E-mail** [info@kioti.eu](mailto:info@kioti.eu)

**Web** [kioti.eu](http://kioti.eu)