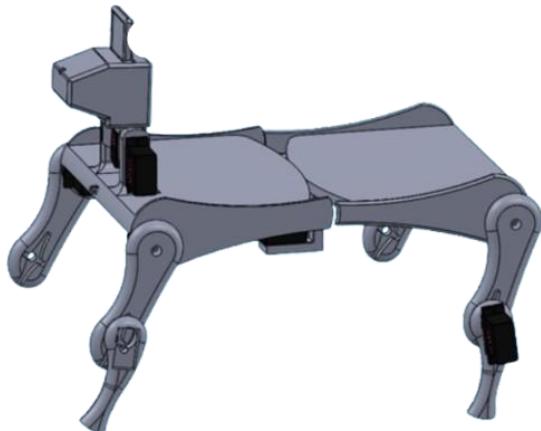




# DEMETRONICS (PRIVATE) LIMITED

## KYNEX DATASHEET



Demetronics Kynex

### INPUT POWER

Battery Power (1800mah)

### CONNECTIVITY SPECIFICATIONS

Interface	Short range Mesh technology, IEEE 802.15.1
Control Method	Wireless
Dependency	N/A
Compatibility	Web Portal

### TEMPERATURE AND HUMIDITY SPECIFICATIONS

Working Temperature	-25°C ~ +50°C
Humidity	85%

### PHYSICAL SPECIFICATIONS

Item type	Robotics
Assembling Type	Self-Assembly
Available colour	Black
Material	Plastic PLA
Dimensions	170 x 110 x 150 mm

### DEGREE OF FREEDOM

Kynex offers 5 DOF.

Knee Joint	For front and back motion of the dog
Hip Joint	For front and back motion of the dog
Neck Joint	For up and right motion of neck
Neck Joint	For left and right motion of the neck
Spinal Cord Joint	For left and right motion of body

### WORKS WITH

Demetronics Kynex Web Portal

### ANTENNA PROPERTY

Transmitter Power	0dBm
Antenna Gain	-0.1 dBi

### IN THE BOX

Demetronics Kynex x 1	Quick start Guide x 1
Kynex Datasheet x 1	Warranty Card x 1

### SAFETY INSTRUCTIONS

Hazard: Unstable placement may cause injury or damage.
Warning: Handle with care. Tampering or misuse can cause permanent damage

### Dos

1. Place KYNEX on a flat, stable surface before powering on.
2. Charge the battery fully before first use.
3. Use the mobile app or remote for safe and controlled operation.
4. Keep sensors and joints clean for accurate motion.



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5. Perform calibration after moving KYNEX to a new location.
6. Supervise autonomous operation in open or safe areas.

### Don'ts

1. Do not expose KYNEX to water or extreme weather.
2. Do not force joints or limbs beyond their movement range.
3. Do not use a damaged battery or charger.
4. Do not let children operate unsupervised.
5. Do not drop or hit KYNEX.
6. Do not block sensors during motion or autonomous operation.

### FAULT CORRECTION AND MAINTENANCE

Please do not open, tamper with, or expose the internal circuitry of KYNEX, as any such actions will void the warranty and may cause permanent damage to the device.

### DISCLAIMER

Demetronics is not liable for misuse, accidents, or damages caused by KYNEX.

Product appearance, features, and specifications may differ from images and descriptions shown.  
Illustrations are for reference only.



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