

King max high performance AVCS gyro

KM-401

KM-401, The lightest gyro in the world. It is a high performance, compact, light weight AVCS (Angular Vector Control System) gyro developed for smaller than 500 electric model helicopters. Because the sensor and control circuit are integrated, it is simple to install.

Gyro performance largely depends on the servo used. The higher the speed and response of the servo, the better the gyro sensitivity and performance. From this standpoint, a digital servo is perfect for use with this gyro. The KING MAX high-speed digital servos developed especially for gyro use is recommended. Also, the Futaba high-speed digital servos can work very well with this gyro.



FEATURES:

- AVCS system

Since rudder trim changes caused by wind and other meteorological changes and front, rear, forward, reverse, and other helicopter attitude changes are automatically cancelled, tail (rudder) operation is easy, making it perfect for 3D flight.

- Piezo sensor gyro sensor

Use of newly developed extremely low drift Piezo sensor gyro sensor virtually eliminates rudder trim changes during flight.

- Digital servo compatible (DS mode)

DS mode makes it compatible with Futaba digital servos. Maximizes the high-speed response performance of the digital servo.

- Remote gain function and mode switching function

Remote gain function allows sensitivity switching from the transmitter and mode switching function allows AVCS/normal gyro mode switching.

KM-401 Ratings:

(Integrated sensor type AVCS rate gyro)

- Control system:

Digital advanced PI (Proportional Integration) control

- Gyro sensor:

Piezo sensor system vibration gyro

- Operating voltage: +4.5 to +6VDC
- Operation Current: 50 mA (at 4.8V)

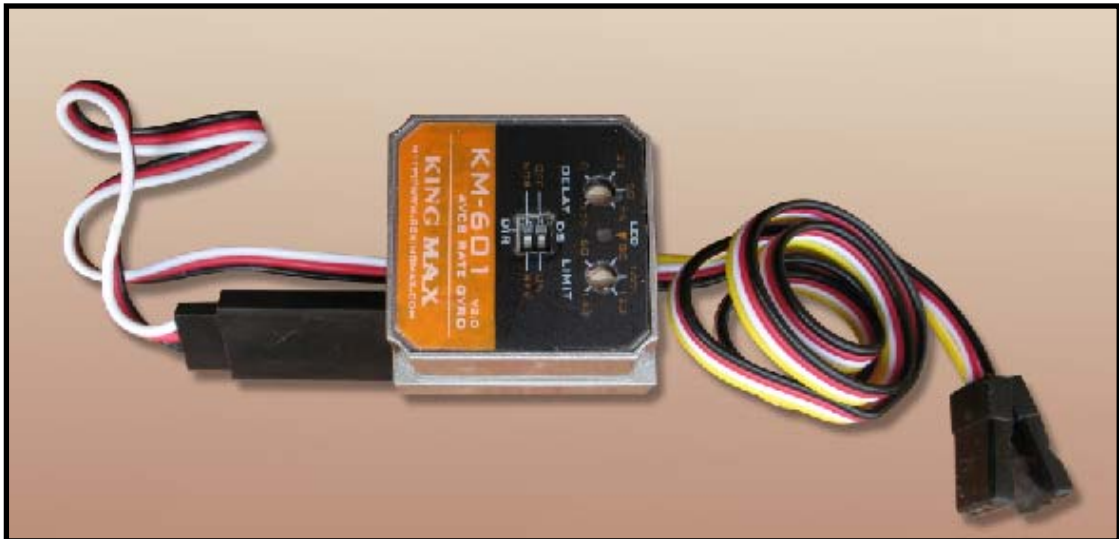
- Operating temperature range: -5°C to +60°C
- Dimensions: 30 x 18 x 8mm
- Weight: 6.5g (including connector)
- Functions:

Gyro operation direction switch, DS mode switch, Remote gain control, AVCS/normal mode switching

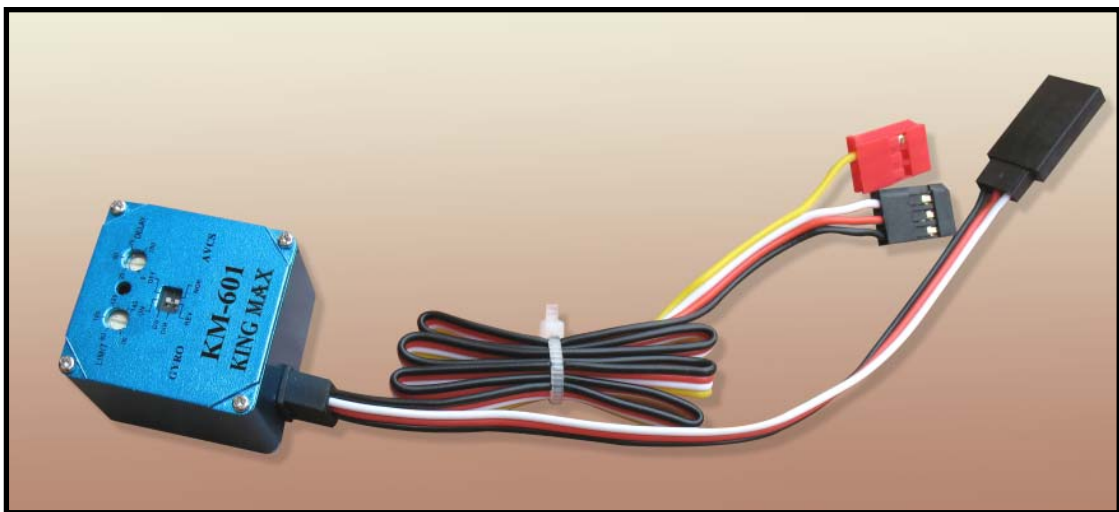
KM-601

KM-601 is a high performance, compact, light weight AVCS (Angular Vector Control System) gyro developed for model electric helicopters. Because the sensor and control circuit are integrated, it is simple to install.

Gyro performance largely depends on the servo used. The higher the speed and response of the servo, the better the gyro sensitivity and performance. From this standpoint, a digital servo is perfect for use with this gyro. The KING MAX high-speed digital servos developed especially for gyro use is recommended. Also, the Futaba high-speed digital servos can work very well with this gyro.



KM-601(plastic case)



KM-601(alloy case)

FEATURES

- AVCS system

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- Piezo gyro sensor

Use of newly developed extremely low drift Piezo gyro sensor virtually eliminates rudder trim changes during flight.

- Digital servo compatible (DS mode)

DS mode makes it compatible with Futaba digital servos. Maximizes the high-speed response performance of the digital serv

- Remote gain function and mode switching function

Remote gain function allows sensitivity switching from the transmitter and mode switching function allows AVCS/normal gyro mode switching.

KM-601 Ratings:

(Integrated sensor type AVCS rate gyro)

- Control system:

Digital advanced PI (Proportional Integration) control

- Gyro sensor:

Piezo sensor system vibration gyro

- Operating voltage: +4 to +6VDC

- Operating temperature range: -10°C to +45°C

- Dimensions: 28 x 28 x 20mm

- Weight: 24g (including connector)

- Functions:

Gyro operation direction switch, DS mode switch, Control delay trimmer, Limit trimmer, Remote gain control, AVCS/normal mode switching

KM-401 Combo for small electric helicopter (GY-401+KM-08D)

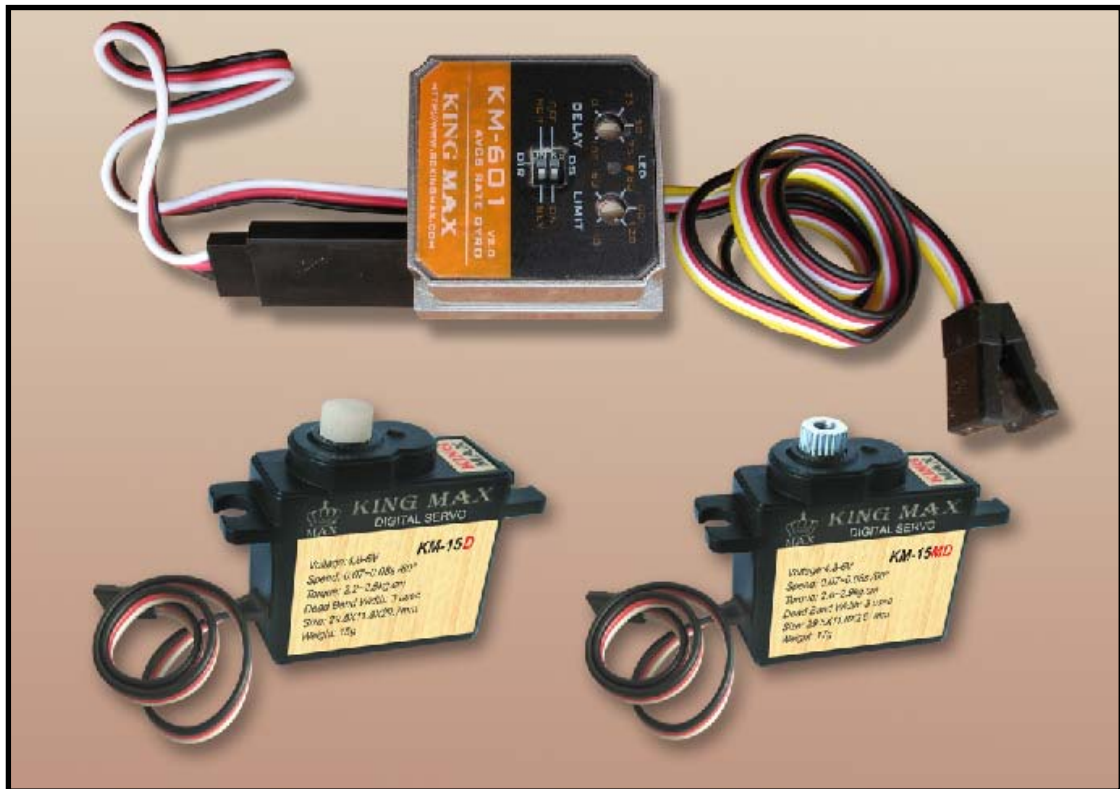
Perfect combo for small size electric helicopters!



For the KM-08D information, please visit www.rckingmax.com.

KM-601 Combo for 450 helicopter(KM-601+KM-15D or KM-15MD)

Perfect combo for 450 size of electric helicopters instead of futaba GY401+9257.



For the KM-15D/ KM-15MD information, please visit www.rckingmax.com.

KM-601 Combo for 500 helicopter(GY-601+ KM-25MD)

Perfect combo for 500 size of electric helicopters.



For the KM-25MD information, please visit www.rckingmax.com.