



# K-Series R Transmitter

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# Catalog



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### K series R Features

- Independent LEDs, indicate the status of the battery
- Activation of the transmitter is protected by an electronic key-code and an auto shut-off option which is programmable
- The system automatically change to another frequency in the presence of radio interference
- Eco power management system. Save on batteries
- It can receive and display via 4 LEDs signals coming from the receiver (relay action feedback)
- Mushrooms type EMO button
- Internal BootLoader, up firmware to the date by using computer
- Wireless pairing procedure using the keyboard pushbuttons
- Qi wireless charging pad is optional in New 2016 K plus series



### Black Box Track your crane or machine usage

With JUUKO Black Box function, you can always collect the usage data of both transmitter and receiver. This function is good for the hoist service and maintenance work, and also for those companies who provide lease or rent out service. It is more than simple to see the usage data of both Transmitter and Receiver just by connecting the transmitter to the JUUKO's "Control pro" configuration software.

Use	Line	X1-X32	X33-X64	Proportional	Other
Operation times	Working hours	Working hours	Working hours	Working hours	Working hours
X1	Cr	Cr	Cr	Cr	Cr
X2	Cr	Cr	Cr	Cr	Cr
X3	Cr	Cr	Cr	Cr	Cr
X4	Cr	Cr	Cr	Cr	Cr
X5	Cr	Cr	Cr	Cr	Cr
X6	Cr	Cr	Cr	Cr	Cr
X7	Cr	Cr	Cr	Cr	Cr
X8	Cr	Cr	Cr	Cr	Cr
X9	Cr	Cr	Cr	Cr	Cr
X10	Cr	Cr	Cr	Cr	Cr
X11	Cr	Cr	Cr	Cr	Cr
X12	Cr	Cr	Cr	Cr	Cr

Use	Line	X1-X32	X33-X64	Proportional	Other
Zero count	Cr	Cr	Cr	Cr	Cr
Shock-off count	Cr	Cr	Cr	Cr	Cr
Tilt	Cr	Cr	Cr	Cr	Cr
Turn On	Cr	Cr	Cr	Cr	Cr
EMO	Cr	Cr	Cr	Cr	Cr
Working hours	Cr	Cr	Cr	Cr	Cr
Original	Cr	Cr	Cr	Cr	Cr
User 1	Cr	Cr	Cr	Cr	Cr
User 2	Cr	Cr	Cr	Cr	Cr
User 3	Cr	Cr	Cr	Cr	Cr
User 4	Cr	Cr	Cr	Cr	Cr

Use	Line	X1-X32	X33-X64	Proportional	Other
Proportional 1	Cr	Cr	Cr	Cr	Cr
Proportional 2	Cr	Cr	Cr	Cr	Cr
Proportional 3	Cr	Cr	Cr	Cr	Cr
Proportional 4	Cr	Cr	Cr	Cr	Cr
Proportional 5	Cr	Cr	Cr	Cr	Cr
Proportional 6	Cr	Cr	Cr	Cr	Cr
Proportional 7	Cr	Cr	Cr	Cr	Cr
Proportional 8	Cr	Cr	Cr	Cr	Cr



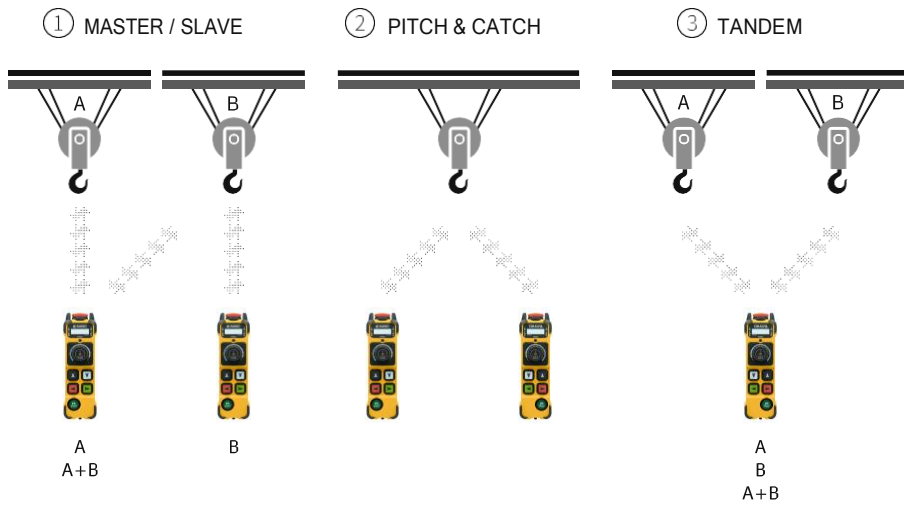


### Automatic Channel Switching (ACS)

A system comes standard with a primary working frequency and a secondary working frequency. Automatic Channel Switching (ACS) allows continuous operation free from interference for the user. When radio interference occurs during normal operation, the radio communication automatically switch to the the secondary frequency.

- Bi-directional
- Safe communication
- Uninterrupted radio link benefits smooth operation

### Multi-control System



### Qi Wireless Charging Compatible

Farewell, power cords  
 Frustrated with messy, often incompatible cables? Qi charging technology cuts the cord for your devices - finally, they are truly wireless.  
 Charged and ready to go  
 The leading wireless charging standard, Qi has been embraced by hundreds of leading manufacturers.



### Data Feedback

The "Data Feedback" function enables the visualization of status through 4 LEDs. These 4 LEDs are programmable to see the actual STATUS of each relay in receiver.





### Zero-G Safety

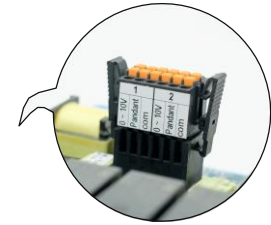
The zero-g safety function can prevent the uncontrolled output of commands in specific emergencies.

The G sensor can detect if the transmitter receives a hard impact, dropped or thrown.

These features can deactivate either the complete radio system or only the safety-relevant function relays.

### Incredibly Control Dial

The control dial can adjust the output from 0 to 10 volts.

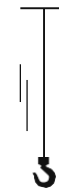


output 0~10 volts from here

3 volts:  
slow speed



10 volts:  
fast speed





## Technical Data

**Pushbutton**  
2, 4, 6, 8, rotary switch  
single / double  
pressure motion buttons

**Weight**  
approx. 305g  
**Size**  
193×57×51mm(2-8 buttons)

**Frequency band**  
315 / 418 / 429 / 433 / 447 / 470 / 915 MHz / 2.4 GHz

**Power supply**  
LR6(AA)1.5V / NiMH(AA)1.2V x2

**Channel space**  
12.5 kHz

**Stop command response time**  
~ 50 ms

**Number of available on/off command**  
max. 24 + Start and EMO

**Command response time**  
~ 50 ms

**Hamming distance**  
≥ 15

**Protection degree**  
IP65

**Radio communication**  
bi-directional

**Operating and storage temperature**  
(-25°C)~(+55°C) / (-40°C)~(+85°C)

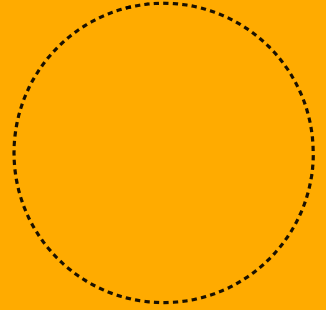
**Frequency handling**  
Automatic and dynamic switching between 2 channels

**Housing material**  
PA6 (GF30%)



# Applications





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