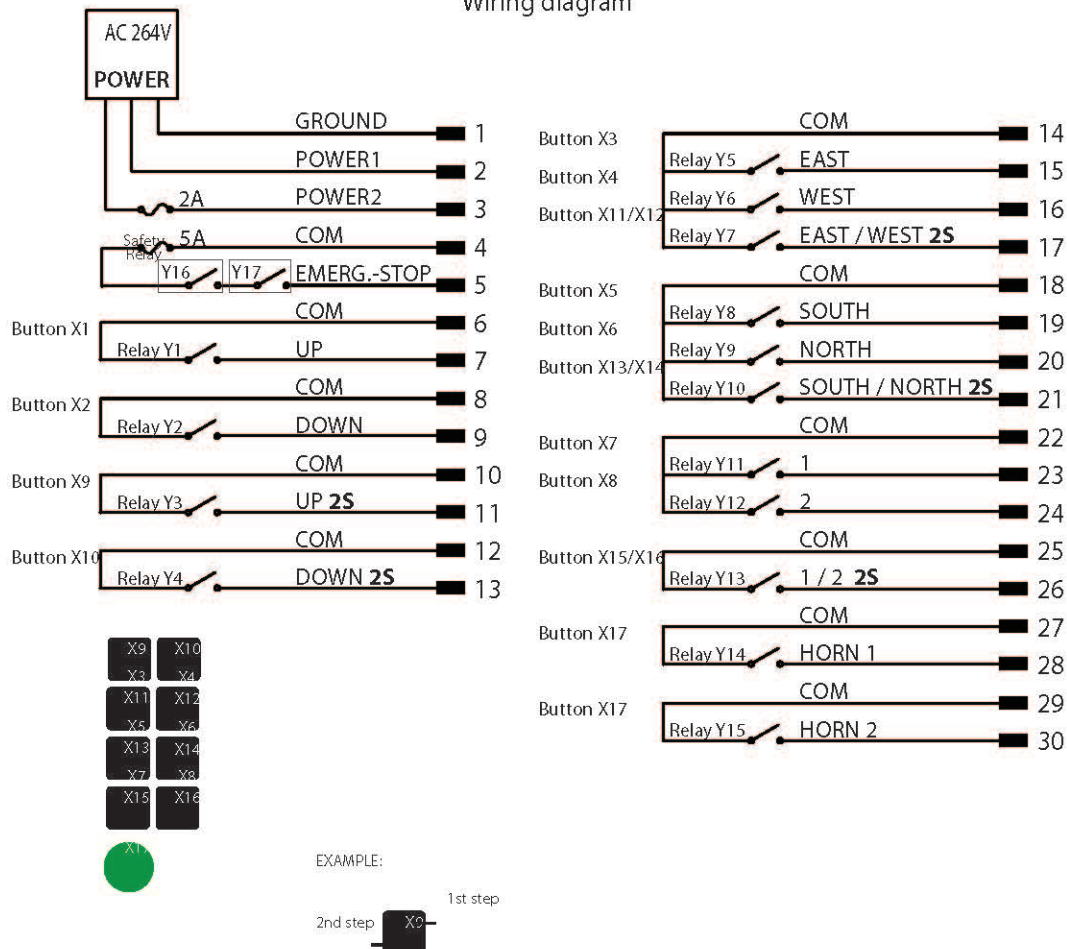


## CONTENTS

<b>CONTENTS</b>	2
<b>Chapter1: Customer information</b>	3
General Information on Safety	3
<b>Chapter2: General description</b>	4
General description	4
END USER INSTRUCTIONS	5
<b>Chapter 3: Failure Analysis and solution</b>	6
<b>Chapter 4: Technical data</b>	7
Guarantee, service, repairs and maintenance	7
<b>Chapter 5: Receiver</b>	8

Wiring diagram



## Technical data

### TRANSMITTER

Frequency	433MHz
Modulation method	GFSK
Typical operating range	100M
Control system	PLL
Antenna impedance	50Ω
Typical response time for Stop command and commands	50mS~100mS
Power supply	LR6(AA)1.5V x2
Antenna	Internal
Average power consumption	16mA@DC3V (default setting)
Radio-frequency power	<10dBm
Operating and storage temperature	(-20°C)~(+55°C) / (-40°C)~(+65°C)
Protection degree	IP20
Dimensions	L193xW57xH51 (mm)
Weight	310g
Housing materia	PA6(30% GF)

### Guarantee, service, repairs and maintenance

The JUUKO products are covered by a guarantee/warranty against material, construction and manufacturing faults. During the guarantee/warranty period, JUUKO may replace the product or faulty parts. Work under guarantee/warranty must be carried out by JUUKO or by an authorized service centre specified by JUUKO.

### This is not covered by the guarantee/ warranty:

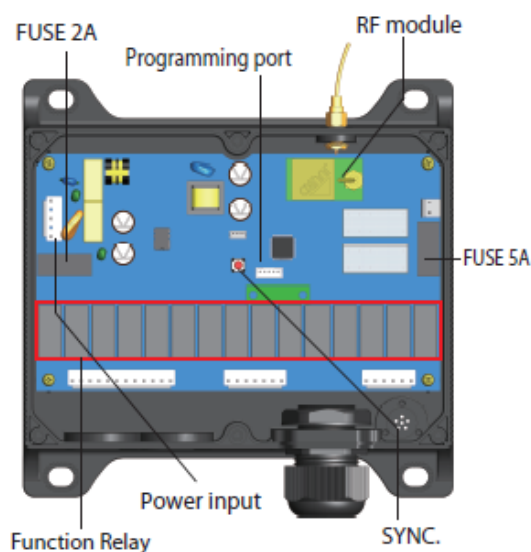
- Faults resulting from normal wear and tear
- Parts of a consumable nature
- Products that have been subject to unauthorized modifications
- Faults resulting from incorrect installation and use
- Damp and water damage

### Maintenance:

- Repairs and maintenance must be carried out by qualified personnel
- Use spare parts from JUUKO only
- Contact your representative if you require service or other assistance
- Keep the product in a dry, clean place
- Keep contacts and antennas clean
- Wipe off dust using a slightly damp, clean cloth

## Receiver

**WARNING!** The receiver must NOT be opened by any other than a qualified installer. Make sure to turn the electricity off before opening the receiver.

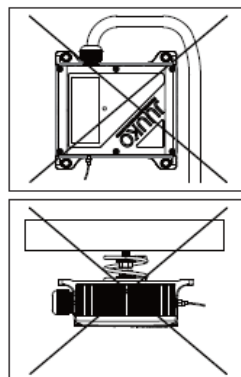
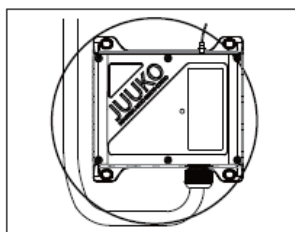
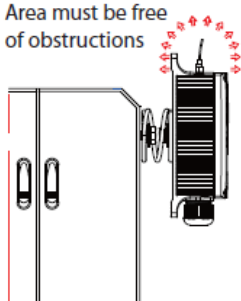


### Technical data

Frequency	433MHz
Modulation method	GFSK
Sensitivity	-112dBm@baud1.2K bps
Control system	PLL
Antenna impedance	50Ω
Typical response time for Stop command and commands	50mS~100mS
Power supply	AC/264V
Antenna	Internal
Standby power	16mA@AC220V
Radio-frequency power	+10dBm
Operating and storage temperature	-20°C~(+55°C)/(-40°C~(+65°C)
Protection degree	IP20
Dimensions	190×184×64 (mm)
Weight	1795g
Housing materia	PA6(30% GF)

### Instruction guide

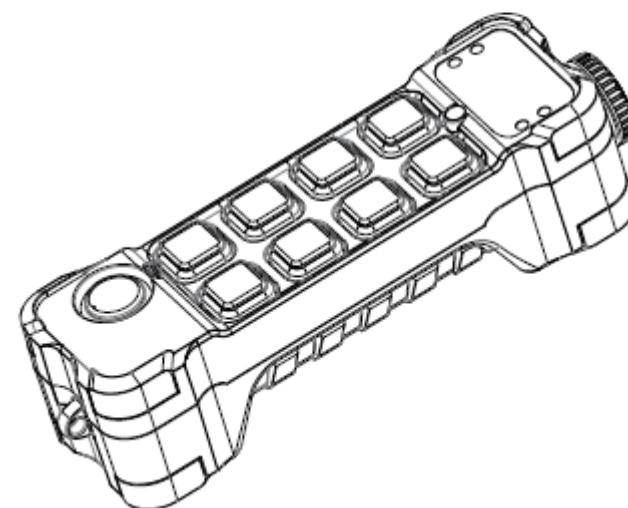
Area must be free of obstructions



# HS-K808 series

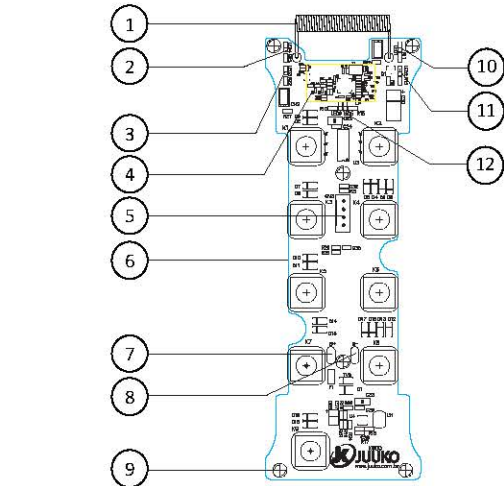
Radio remote control system

## ASIC INSTALLATION INSTRUCTIONS



(English)  
Standard settings

The K series transmitter comes in different visions, featuring 2, 4, 6, or 8 pushbuttons. The transmitter also features 2-step pushbuttons. Both steps of each pushbutton can operate different functions like controlling the speed of a movement, step 1: slow, step 2: fast.



### General Description

#### Transmitter, PCB board

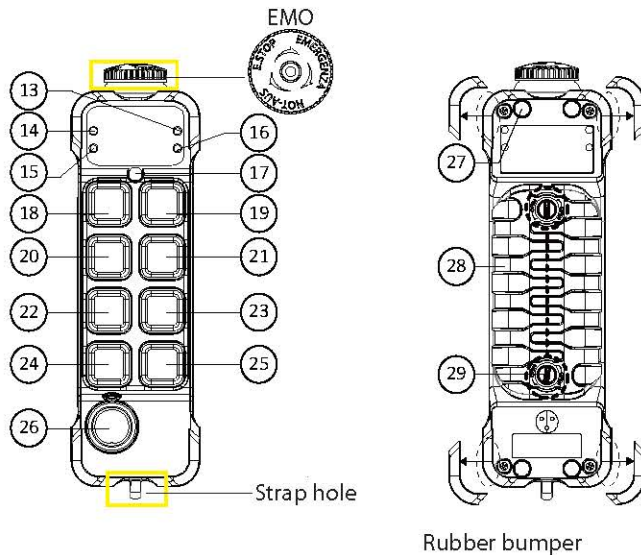
- (1) Antenna
- (2) LED 1
- (3) Low battery LED
- (4) Wireless RF Module
- (5) Communication terminal
- (6) PCB board
- (7) Battery connector+
- (8) Battery connector-
- (9) Fixed holes
- (10) LED 2
- (11) Error LED
- (12) STATUS LED

#### Transmitter, front view

- (13) LED 2
- (14) LED 1
- (15) Low battery LED
- (16) Error LED
- (17) STATUS LED
- (18) Button1
- (19) Button2
- (20) Button3
- (21) Button4
- (22) Button5
- (23) Button6
- (24) Button7
- (25) Button8
- (26) Button9/Start/Horn

#### Transmitter, back view

- (27) Stainless legs
- (28) Battery cover
- (29) Battery cover screw



### START/ Horn switch

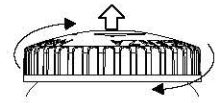
The K series transmitter has an Start/Horn switch on the button-left side. The Start/Horn switch has 2 modes:

1. Press to start
2. Press for horn while operating



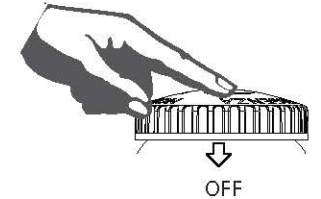
### Start the transmitter in operating mode

1. Turn to release the emergency button.
2. Press "START" button.



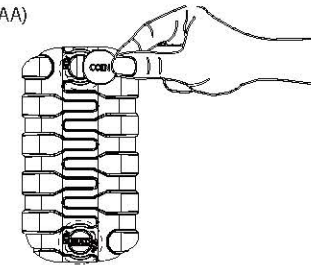
### Turn the transmitter off

Push the EMO button.  
The transmitter turns off. All relays deactivate.



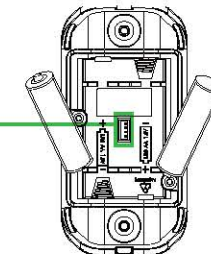
### Change the batteries

BATTERY TYPE: 2 x 1.5V(LR6 AA)














### Program the transmitters

1. Remove the battery cover
  2. Remove both batteries.
- The programming connector is placed behind the battery





## Failure Analysis and solution

LED Signal  SHORT LONG			Failure Analysis	Solution
	LED red	LED green	-NO power. -The transmitter is not turn on to the "1"	-Replace new batteries. -Turn on the switch to the "1"
<b>STATUS</b>				
				
				
ps: None of any LEDs flash				
	LED red	LED green	-Stain on the battery spings. -Low battery. -Damage batteries.	-Clean the stains on battery springs. -Replace brand new batteries.
<b>STATUS</b>		●●●●●●		
	●●●●●●			
				
	LED red	LED green	-Transmitter is not re-started. -Receiver is not powered.	-Push re-start button "1" ° -Check the fuse.
<b>STATUS</b>		●●●●●●		
				
				
	LED red	LED green	-Push button damaged.	-Contact the dealers.
<b>STATUS</b>		●●●●●●		
				
	—●●●			
	LED red	LED green	-EMO button is not turn-to-reset.	-Turn to reset the EMO button.
<b>STATUS</b>	●●●●●●			
				
				

**Thank you for purchasing a JUUKO product.**

READ ALL INSTRUCTIONS CAREFULLY BEFORE MOUNTING, INSTALLING AND CONFIGURATING THE PRODUCT.

This manual includes general information concerning the operation of the radio remote control transmitter K series .

### General Information on Safety

- Persons under the influence of drugs and/or alcohol and/or other medicine that impairs their reaction may not assemble, disassemble, install, put into operation, repair or operate the product.
- All conversions and modifications of an installation/system must conform to the relevant safety requirements. Work on the electrical equipment must be performed only by qualified, authorized personnel and in accordance with the relevant safety requirements.
- In the event of malfunctioning and visible defects or irregularities, the product must be stopped, switched off and the relevant master switches must be switched off.

#### Used Symbols and Definitions for Warnings



Warning against hazardous situation



Warning against electrical voltage

### FCC Part 15

\* This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation

\* You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

### IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.