

MAKS



Crane Remote Control

Designed & Manufactured by Anand Systems Engineering

Comes with On-Site Replaceable Push Buttons



Anand MAKS has **prevented a total downtime of 10,000+ hours** of EOT Crane Operations.

2 years warranty* | 30 days Money-Back Guarantee

www.anandcontrol.in | [91376-20579](tel:91376-20579) | info@anandcontrol.in

Are you Struggling with :






- **Crane Operation is halted** due to a single faulty Push Button on Remote?
- Tired of Sending System Frequently for **month-long Expensive repairs**?
- **Disruptions & Panic** in the Workshop due to Faulty Remote Control?
- Wasting Time **Troubleshooting Electrical issues** due to faulty system?
- Facing Challenges with the **supplier ignoring your Service** related calls?
- Not getting enough Range ? Need to **Change Batteries Regularly**?

“AFTER MANUFACTURING & SELLING 1000+ RADIO REMOTE CONTROLS IN THE LAST 3 YEARS WE REALIZED THAT 80% OF THE REMOTE CONTROLS COME FOR SERVICE WITHIN 1-2 YEARS OF OPERATION DUE TO PUSH BUTTON WEAR/TEAR”



MAKS Benefits :

- **Crane Operation** will never be halted due to faulty push buttons.
- Operator can **instantly replace push buttons** within 2 minutes.
- **Disruptions & Panic** will vanish.
- You will get guaranteed **1000+ hours of battery life**. No Range issues.

Problems with current Remote Controls	Impact of the Problem	AnandMAKS Solution
<p>damaged / malfunctioning push buttons ?</p> 	<ul style="list-style-type: none"> -Need to send the remote control for repairs to dealer -High cost of repairing -Lost productivity -Fire fighting & Panic -Activate Spare Remote/ Activate Pendant 	<p>-With On-field replaceable push buttons you can replace the Faulty Push button within 2 minutes and restart your operations.</p>
<p>Cheap Low cost Imported remote controls?</p> 	<ul style="list-style-type: none"> -Low Reliability -No repairs / No service -No Certification -Use & Throw -Loss of Reputation of Supplier/Crane Manufacturer 	<p>-Maks is Certified by WPC, IDEMI. -All Spares/repairing available -Dedicated customer service line</p>
<p>Short Battery Life?</p> 	<ul style="list-style-type: none"> -Need to change batteries Frequently during busy working hours. -Increased cost & Hassle 	<p>-Maks has Guaranteed minimum +1000 hour battery life.</p>
<p>Damaged Antenna ?</p> 	<p>-Leads to significantly Reduced Range & malfunctioning remote control.</p>	<p>-Maks comes with 'Internal Antenna' on the Transmitter & Receiver which can never be damaged, broken or stolen.</p>
<p>Bad customer service support from Supplier?</p> 	<p>-Supplier does not pick your service call , doesn't know how to fix your issues & denies responsibility for faulty remote control.</p>	<p>-Maks remote control comes with a dedicated customer support line from 10 am-6.30pm.</p>

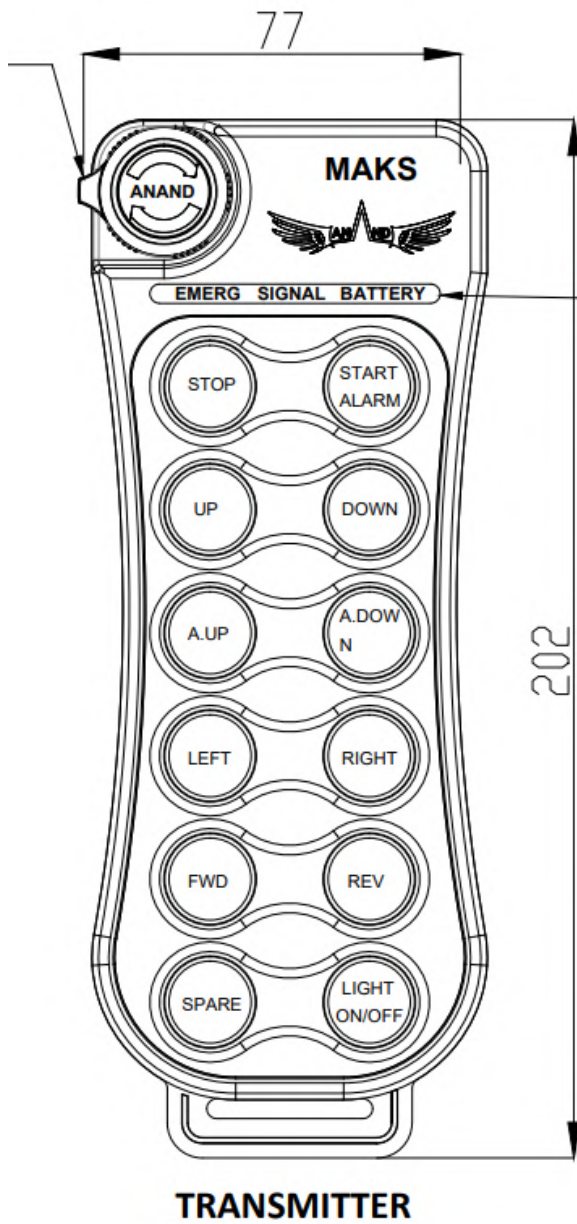
Product Overview - DESIGNED BY THE BEST

Introducing the “Maks” series - the latest and most advanced industrial radio remote control for EOT cranes and Hoists. With our new and unique product, you'll never have to worry about servicing the remote control again!

Maks series remote control is designed with **replaceable buttons**, which means that you can easily replace any button within 2 minutes that stops working instead of having to replace or send for repair the entire remote control. This feature not only saves you time and money, but also ensures that **your operations run smoothly** and uninterrupted.



Maks series remote control is also designed to be **user-friendly** and **ergonomic**, with Mushroom E Stop & 3 indications making it comfortable to hold and easy to use.



Our team of experts has worked tirelessly to design and manufacture this product, ensuring that it meets the highest standards of performance and reliability. We believe that the “**Maks**” series remote control is the future of industrial operations, and we are confident that it will revolutionize the way you operate your cranes.

Don't settle for a remote control that's more trouble than it's worth. Upgrade to the Maks series and experience the difference for yourself. Our unique product will help you to save time, money, and the frustration of dealing with broken buttons. Contact us today to get your hands on the “**Maks**” and take the first step to upgrading your operations.

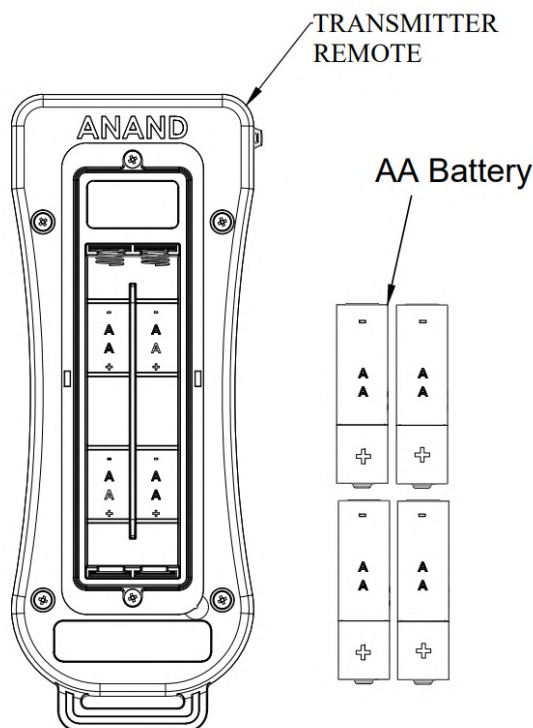
COST SAVINGS:

In terms of cost, assuming that a traditional remote control needs to be repaired once every 1 year and that the cost of repairs plus shipping is around Rs.6,000 - Rs15,000. In addition, the cost of lost productivity due to the remote control being out of service is assumed to be around Rs. 20,000 - Rs 1,00,000 per day. Over a 3 year period, the total cost of repairs, shipping, and **lost productivity comes to around Rs. 2 Lakhs to 10 Lakhs per year.**

On the other hand, the Maks series remote control has a one-time purchase cost and a button replacement cost. Maks series remote control offers significant cost savings compared to traditional remote controls.

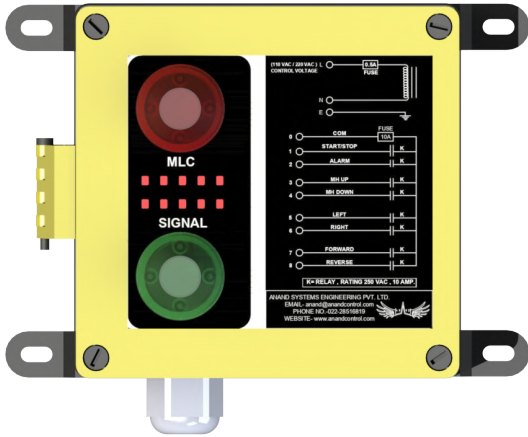
BEST BATTERY LIFE:

BATTERY CHANGING



It's also worth noting that the Maks series remote control offers additional benefits such as installing 4 AA Batteries for Doubling the battery life, and improved productivity.

We guarantee 1000+ Hours of Battery Life.



Receiver:

Anand MAK5 Receiver Is well designed for Harsh Industrial use with multiple Indications , Tough Mounting Brackets , IP65 Rated Enclosure , Internal Antenna

RADIO TECHNOLOGY:

Frequency : 2.4 Ghz ISM Band.2.405-2.480Ghz

RF Modulation :DSSS with OQPSK

Channels:16 Automatic Frequency Hopping ; **Channel Specifications**:Bandwidth-2 Mhz Spacing-5 Mhz

Coexistence:more than 100 Radios in same area

RF power:+4dBm ; **Range**:100 Meters

Communication:Half Duplex Closed Loop

Receiver Sensitivity :-103dBm

Antenna : Internal

* With **Automatic Frequency Hopping technology**, busy channels are automatically changed, in Transmitter & Receiver without operator knowledge, to maintain communication.

* With Proprietary **128-bit AES Encryption**, communication between Transmitter & Receiver is protected, safe & unhackable

* **DSSS technology avoids intentional interference** such as radio jammers & unintentional interference from nearby cell phone towers



TRANSMITTER

SPECIFICATIONS:

Push Buttons : Up-to 12 On-Site Replaceable Tactile Push Buttons

Configurations:1 or 2 Step Push Buttons

Electrical Life:20,000 to 100,000 cycles

Type of Step:Distinct with feel

Actuation Force:Single Step - 370 grams , Two Step - 1000 grams

Enclosure:

Dimensions:166 x 161 x 35 mm

IP Rating:IP65

Temperature:0 to 60°C

Indications:Low Battery at 20% power,Emergency,Signal OK

Battery Life:1-3 Months Typical Use, 1+ Year Idle system.

AA Alkaline Batteries or AA NIMH Batteries

Emergency Stop: 16mm Mushroom E Stop

RECEIVER

SPECIFICATIONS:

Relays

Number :Upto 32 Relays

Max Rating: 250VAC/30VDC/10 Amps.

Electrical Life :100000 Operations.

Time :Turn-On / Turn-Off 15 ms

Type :Potential Free PCB Relays

Enclosure Dimensions :

166 x 161 x85 mm

Plastic :Polycarbonate

IP Rating :IP65 **Temperature** :0 to 60° C

Indications : Power, Signal & MLC

Power Supply Options

AC :24/48/110/220/415 VAC ; **DC** :12/24 VDC

Cable :Multi-Core 1 sq.mm Cable,1.5 Meters



MAKS REMOTE MODELS:

MAKS-0201/MAKS-0202

MAKS-201 : 2 BUTTON SINGLE STEP
MAKS-202 : 2 BUTTON DOUBLE STEP

MAKS-801/MAKS-802

MAKS-801 : 8 BUTTON SINGLE STEP
MAKS-802 : 8 BUTTON DOUBLE STEP

MAKS-0401/MAKS-0402

MAKS-401 : 4 BUTTON SINGLE STEP
MAKS-402 : 4 BUTTON DOUBLE STEP

MAKS-1001/MAKS-1002

MAKS-1001 : 10 BUTTON SINGLE STEP
MAKS-1002 : 10 BUTTON DOUBLE STEP

MAKS-601/MAKS-602

MAKS-601 : 6 BUTTON SINGLE STEP
MAKS-602 : 6 BUTTON DOUBLE STEP

MAKS-1201/MAKS-1202

MAKS-1201 : 12 BUTTON SINGLE STEP
MAKS-1202 : 12 BUTTON DOUBLE STEP

Package Includes:

1 Transmitter with 2 AA Alkaline Batteries, 1 Spare Push Button

1 Receiver with 1.5 Meters Cable

1 Test Report , 1 Wiring Diagram, 1 Delivery Challan, 1 Tax Invoice

Warranty:

MAKS comes with “**2 years warranty**” on internal electronics circuits from the date of Dispatch.

Contact us:

Get in touch with us at 91376-20579, info@anandcontrol.in or visit our website www.anandcontrol.in

Money Back Guarantee:



If you don't find value with this product, we will Provide a No-Questions-Asked - “30 Days Money Back Guarantee” from date of dispatch.

JOURNEY OF REMOTE CONTROL SYSTEM

Conventional



MAKS



	Conventional System	MAKS
TOTAL NO PEOPLE INVOLVED IN REPAIRING	15+	0
TOTAL COST + LOSS PRODUCTIVITY	Rs 5K to 10 LAKHS	0
TOTAL TIME INVOLVED	2 TO 3 WEEKS	2 minutes