Altimate

RIGGING SOLUTIONS

Product Overview

MotionHall

Advanced control for fixed installations and venues

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FRANCE

Boasting safety features, flexible controls and a quality finish, our digital controller range suits the most demanding installations.
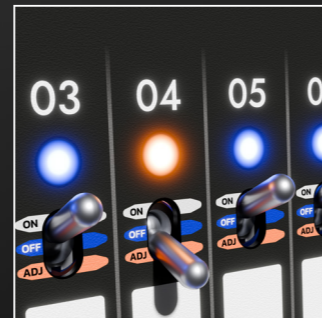
Various formats of wired and/or wireless remote can be used to match your working habits.

1.

Smart hoist selection

Each channel has an ADJUST position to quickly operate a single hoist without having to deselect and re-select all the hoist from you current selection.

Each selector has a RGB LED that indicates the status of the channel : On, Off, Adjust, Going Up & Going Down.

2.

Hybrid contactors

This new generation of contactor is specially designed for electric motors, providing increased safety and longer lifespan.

It is easy to adjust to your hoists' power requirement, and brings a modular design that makes maintenance easier and quicker.

3.

Local or remote control

A switch allows you to select between the 2 control modes and the remote comes with a 15 meters cable as standard, offering the same hoist selection capabilites.

Don't like to be tied up ? An optional wireless module is available !

12 TO 128 CHANNELS

MotionHall Features :

Control Type	Hoists Type	Channels	Reference
Local & Remote	DC Hoists	12	**UMCDC12DWHYB**
		24	**UMCDC24DWHYB**
		36	**UMCDC36DWHYB**
		48	**UMCDC48DWHYB**
	LVC Hoists	12	**UMCDC12DW**
		24	**UMCDC24DW**
		36	**UMCDC36DW**
		48	**UMCDC48DW**

Accessories		
MotionConnect	Radio module for use with wireless remote controls	**UMCRTX1**
MotionPad 24	24-channel remote control with group function	**UCLINK8+2**
MotionPad 24	24-channel wireless remote control with group function	**DR72GW**
MotionPad 72	72-channel remote control with group function	**DR72GW**
MotionPad 72	72-channel wireless remote control with group function	**DR72GWWL**
Neutrik Cable XLR 8+2	Power & data cable for remote controls or link	**UCLINK8+2_1M50 ... 300M**
USB Loader	USB to XLR 8+2 cable for firmware update	**UMDUSBNC10RS485**

- Individual or group control of electric hoist with a capacity ranging from 250 to 2000 kg.

- Limited power supply ? Set a limit on how many hoists can be operated at the same time.

- E-stop button allowing an immediate group stop if a dangerous situation occurs.

- Phase indicator and global status LEDs to check your power supply input and operation.

- Robust metal enclosure with black epoxy coating.

- Brackets can be fixed at the rear for wall-mounting or at the front for rack mounting.

- Cable exits at the top or bottom to suit the configuration of your installation.

- Power imput : hard-wired 3P+N+E 63A | Power rating 380~415V / 3 Ph / 47~63 Hz

- Output : hard-wired 3P+E 16A

MotionRoad 12

The ultimate touring solution : flexible, strong, powerful

If you want the best possible tool to setup your stage wherever you go, look no further !

Designed closely with our customers, this controller has an incredible set of features that can be extended with future firmware update. It has not only flexible control and connection possibilities,
but small feature that make all the difference when the schedule is tight !

1.

Smart hoist selection

Each channel has an ADJUST position to quickly operate one hoist without having to deselect and re-select all the others.

Each selector has RGB LED that indicates the status of the channel : On, Off, Adjust, Going Up & Going Down.
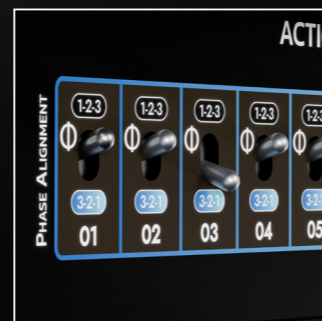

2.

Phase reversal switches

Something has not been wired correctly and one of your hoist is going in the opposite direction ?

By using these switches, you can easily reverse the phase of each channel without modifying your current selection.

3.

Local or remote control

A switch allows you to select between the 2 control modes and the remote comes with a 15 meters cable as standard, offering the same hoist selection capabilities.

Don't like to be tied ?
An optional wireless module is available !

12 CHANNELS

MotionRoad12 Features :

Control Type	Hoist Type	Channels	Reference	WxDxH (cm)
Local & Remove Control	DC Hoists	12	**UMC12TD**	58,5x62,5x70
Accessories				
MotionPad12			**DR12WWL**	
MotionConnect			**UMCRTX1**	
Neutrik Cable XLR 8+2			**UCLINK8+2_1M50 ... 300M**	
AC Adaptor			**UMDCHARGEUR24**	
USB Loader			**UMDUSBNC10RS485**	

- Individual or group control of 12 DC hoists with a capacity ranging from 250 to 1000 kg.

- Controllers can be linked with our digital link system for up to 128 simultaneous channels.

- Thermal-magnectic circuit breakers to protect hoists from surges and short-circuit.

- Group stop if a breaker of the controller or linked system trips, with key for funtion by-pass.

- Reset button proceeds to internal checks and makes sure the operator has been made aware an emergency stop happened before the system can be operated again.

- 32A power input, with power out to daisy chain several controllers for power supply.

- Automatic phase alignment of the power input.

- CEE, Harting and Socapex outputs to suit every configuration.

- 13U flight case on wheels with a drawer to store the remote and cable.

- AUX 230V power output for any device such as laptop, phone...

MotionPad

Effortless management of large installations

Conveniently take control of one or several linked controllers with our MotionPad !

Use its group buttons to swiftly recall different hoist selections that you can configure in advance or on the go, and work without boundaries thanks to our optional wireless module.

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1.

Group management

Recall your different loads and areas without hassle !

Users can store, recall and delete up to 20 groups directly from the remote using dedicated RGB backlit buttons.

2.

Adjust feature

You have just one hoist that is not correctly positioned ?

Hold the selector down to use the adjust feature, allowing you to control just this particular hoist without the need to remove and redo your current selection.

3.

Wired or wireless

Move around your installation freely with our optional wireless module !

If your battery goes low, just use our universal single cable to operate your hoists and charge your remote at the same time.

24 TO 72 CHANNELS

MotionPad Features :

Control Type	Channels	Reference
Wired	12	**DR12W**
	24	**DR24W-G**
	48	**DR48W-G**
	72	**DR72W-20G**
Wired & Wireless	12	**DR12W-WL**
	24	**DR24W-WL-G**
	48	**DR48W-WL-G**
	72	**DR72W-WL-20G**
Accessoires		
MotionConnect		**UMCRTX1**
Neutrik Cable XLR 8+2		**UCLINK8+2_1M50 ... 300M**
AC Adaptor		**UMDCHARGEUR24**
USB Loader		**UMDUSBNC10RS485**

- **E-stop button allowing an immediate group stop if a dangerous situation occurs.**

- **A small OLED screen with 4 buttons for settings and information messages.**

- **Backlit RGB buttons and channel indicators for clear operations.**

- **Program and name your groups in advance using our PC software.**

- **Internal lithium battery for increased lifespan and long work sessions of up to two days !**

- **The battery can be charged while working by simply connecting it to the main controller.**

- **Fitted with motion sensor to automatically set it in and out of power saving mode.**

- **AC adapter available to charge your remote using an external power source.**

VisionCell

Wired & wireless load cell system fully integrated with our digital controlers

VisionCell is a load-measurement system, based on a 5-ton capacity load cell, which fully integrates with our range of controllers.

Capable of operating wirelessly or on wire according to your project needs, up to 128 load cells can be used on one installation. They use a rechargeable lithium battery that can be charged directly in its transport case. Load readings are available on the controller or its remote as well as on the load cell display.

1.

Direct reading on controllers

Fully integrated by design with our digital controllers for a convenient way to monitor loads. Selecting hoists on a controller or its remote gives you a direct information of how much load is at your fingertip !

And if you just need a simple reading, use it as a standalone with its built-in display, no setup required !
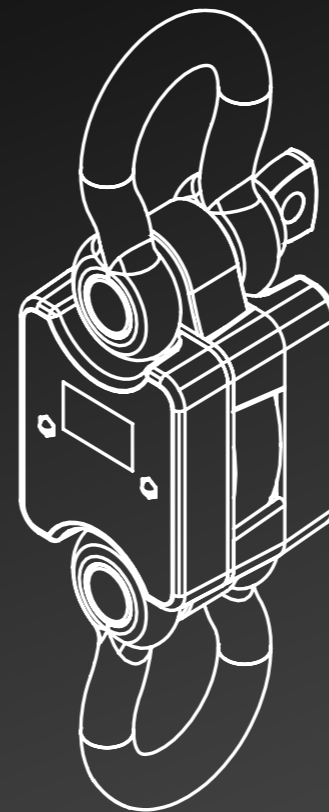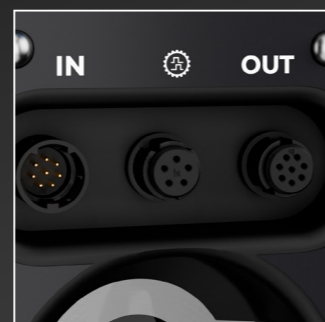
2.

Wired and wireless use

VisionCell can be connected to the receiver either way, it uses a single cable for power and data or a strang sub-Ghz frequency for wireless connections.

You get the best of both worlds, it's up to you to decide what suits best your installation or your current job !

WLL 4750 KG · WATER PROOF · HIGH ACCURACY · SMART CHARGE

BUILT-IN DISPLAY · LITHIUM BATTERY · CONTROL BUTTONS

3.

Increased safety levels

You can set overload or underload alerts for each load and choose to trigger a flashing alert on the cell and on the controller, but you can also set to stop your hoist automatically if such situation occurs.

Rest assured not to push the limits too far with our solution.

4.

Integration with other systems

Both the load cells and its receiver are fitted with an I/O serial connector, in order to send and receive information to other safety devices, like a loud suren for example.

We're also developing a simple solution that will enable you to see your hoist's height of lift directly on the controller, just like you can now see the weight with our load cells.

5.

RGB lighting for 360° signals

A powerful RGB LEDs design to give you a clear understanding of what's going on, whether you're 20 meters below the load cells or standing above on catwalks.

Status, alert, identification, you will not miss anything happening on your system !

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VisionCell

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Our load cell system shares the same philosophy as our range of digital controllers, being able to work with cable connection only, fully wireless, or a mix of both.

In the drawing above, the load cells are wired to the receiver, but the controller is operated wirelessly. You can monitor your loads on the go while working around on your installation.

This other configuration above shows our load cells using wireless transmission to communicate with the receiver, while the two controllers are linked and operated using a wired remote.

There is not much you can't do with our solutions !