

QuickGuide MOVEKET MRC-10

Setup: I-Motion 9 Presets

(Translation)



Handheld control for setup purposes

Safety first - Made in Germany

Table of content

1. General.....	2
2. Safety instructions.....	2
3. Overview MRC-ID	3
3.1. Emergency Stop Switch.....	3
4. Operating the MRC-ID.....	4
4.1. Main menu (drive menu).....	4
4.2. Functions Main menu (Drive menu).....	5
4.3. Configuration mode	6
4.3.1. Handheld setup.....	6
4.3.2. Speed limit setup	6
4.3.3. ICU IP address	6
5. Service and Support.....	6

1. General

You have purchased an excellent product that is remarkable for its high quality, reliability and safety. MOVEKET products have been specially developed for use in the events, production and stage sectors and boast features and components that have been tried and tested in practice.

These operating instructions contain information and recommendations necessary to the safe and reliable use of the devices concerned. For this reason, before doing anything it is absolutely essential to read this manual through carefully and take note of the information and safety advice it contains.

The manual is aimed at competent and proficient persons in accordance with the BG guidelines as well as trained staff employed by the operator. The contents describe the correct and proper handling, maintenance, repair and testing of the devices. Please pay special attention to the safety instructions.

If you have any questions, your nearest MOVEKET dealer or the manufacturer will be happy to answer them.

2. Safety instructions

- Operation of the MRC-ID only by instructed personal
- Lifting of personal is prohibited
- Bypassing of safety related functions is prohibited
- The use of this control outside of the I-Motion network is prohibited
- Do not overload the drives you want to control with the control unit
- The usage of the MRC-ID is for setup purposes only! All moves have to be overviewed

3. Overview MRC-ID



3.1. Emergency Stop Switch

- Powers the control off
- No automatic restart
- Indication on the LCD if pressed

4. Operating the MRC-ID

The operation of the MRC-ID is done by the menu-control which is displayed when the unit is powered.

4.1. Main menu (drive menu):

```
Status: 3      9850mm
INV ready load= 7%
full:  300<-> 20000
max  1000      ↓    4%
```

First row: Status

Displays the numeric status of the connected V-Motions:

- 3 = Converter ready
- 4 = Selected
- 5 = Ready
- 6 = Activated
- 8 = Brakes open
- 9 = Moving (↑ or ↓ shows direction)
- 10 = Braking (↑ or ↓ shows direction)
- All leftovers = not ready

Displays the actual position in mm: xxxxxmm

Second row:

Displays the status as text:

- INV ready = Converter ready
- Selection
- Ready
- activated
- brake off = brakes open
- moving
- stopping = braking
- temp = Overtemperature
- chain
- slackwire
- not ready

Displays the actual load in percentage load=xxx%

Third row: Displays the actual drivescope / target:

Full: target position <-> start position

Movement across the maximum way- between operation limit top an bottom

Target: Target position / Speed

Movement to a stored target (preset) with a programmed speed

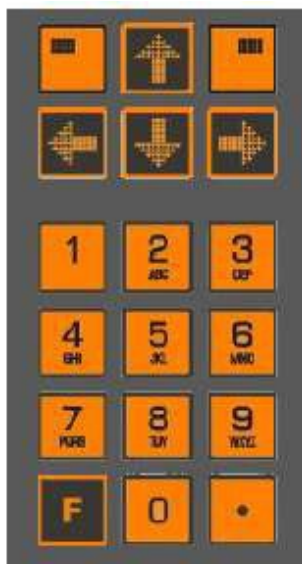
Fourth row: Displays a speed limitation:

Max: maximum speed

Cuespeed: programmed speed

Displaying of the percentage of the driven speed ↑ 75%

4.2. Functions Main menu (Drive menu)



Main buttons (top left/right):

- Entering Password for configuration menu
- No function

Arrows ← →: Sets speed for presets / maximum speed

Arrows ↑↓: Setting the percentage for speed

Numeric 0: Selection for a movement across the complete drive range at maximum speed. The drive will enter status 3 to 5. When Go-Button is pressed the drive starts moving.

Numerics 1 - 9: Selection of a prior programmed target position (preset) and reduced speed. The drive will enter status 3 to 5. When Go-Button is pressed the drive starts moving.

Teach-In-Button F: This button is used to store the actual position as a preset. In the third row the message "position as preset n" is displayed. The related speed to that preset can be setup by using the arrow buttons ↑↓, which is displayed in the fourth row of the LCD. By using the numeric buttons 1-9 the adjusted preset can be stored in that very preset number, which is displayed in row three. A preset can only be created if the drive is in a status below 6. A previously selected drive will be de-selected.

This button only works, if the configuration mode was activated previously. For this the main button top-left has to be pressed and the PIN is to be entered. Afterwards you can leave the menu by pressing ESC.

Reset-Button „•“: Deselection of the drive which cause a status change from 5 to 3.

GO-Switch:

Activates the selected movement.

While moving the only interrupt the pressing in cases of emergency. Press the switch until the target position is reached.

For activated drives the speed can be adjusted while the GO is pressed by using the arrow buttons ↑↓.

4.3. Configuration mode

Is activated by pressing the main button top-left and entering the PIN "2009".

4.3.1. Handheld setup

Here you can setup the IP-address of the MRC-ID / HMI.

Standard is HMI 1 and IP 192.168.100.41

4.3.2. Speed limit setup

Here you can setup the maximum speed of the drives.

With the arrow buttons left/right you can adjust the value. It is stored with "SAVE".

4.3.3. ICU IP address

Here you have to enter the IP-addresses of the V-Motions you want to control with the MRC-ID.

After any alteration here, the MRC-ID is restarted.

5. Service and Support

MOVEKET GmbH

Rudolf-Diesel-Straße 21

D-71154 Nufringen

Support: +49 7032-37117-70

Hotline (outside of business hours): +49 7032-37117-77

For this a support contract is mandatory!

Sales: +49 7032-37117-80

E-Mail: support@moveket.de

www.moveket.de