



MRX.oca (MK)

Sales ID: 2101-9002

Connection set for MRX.CraneRadio on mobile cranes

- x Very easy installation and connection
- x Pre-assembled cables
- x All devices in the cabin can be directly connected and powered
- x Reuse of existing installation
- x Zoom control can be connected
- x 2nd MRX.monitor can be connected



MRX.oca (MK) acts as an adapter and connection set between the on-board voltage (9-36VDC) and the MRX.KranFunk components on the mobile crane.

Very quick installation using the attached or supplied cables. Incorrect connection of the cables is prevented by different coding of the plugs, which contributes to safety during installation.

MRX.oca (MK) can be mounted with the aid of MRX.mountingPlate or directly in the cab.

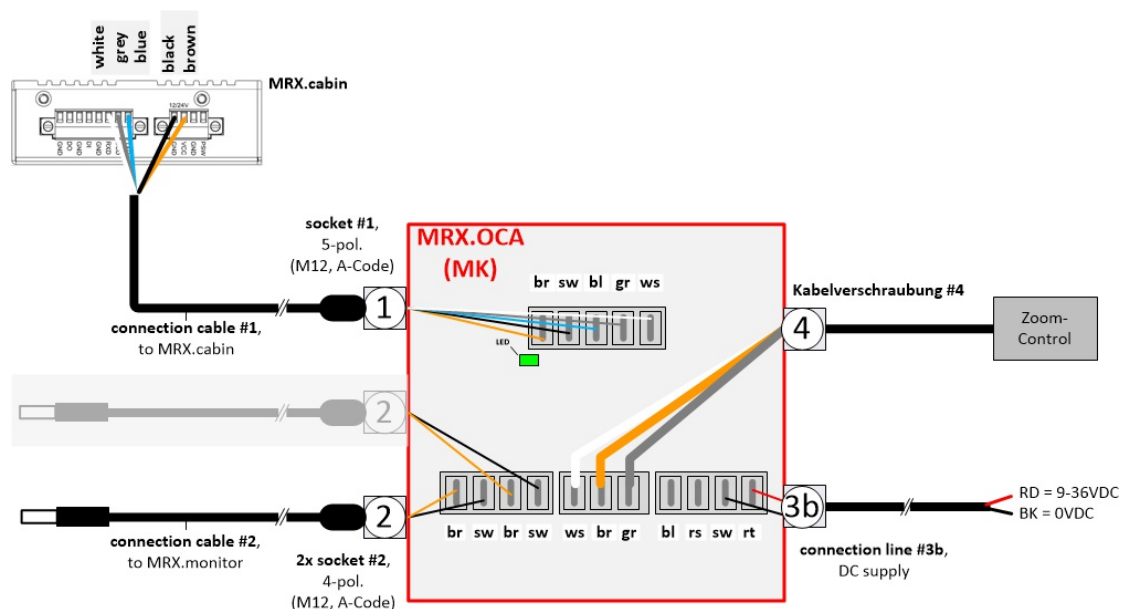
Introduction

The connection is made directly to the crane's on-board power supply. The voltages required for MRX.cabin and MRX.monitor are generated and stabilised internally to compensate for voltage fluctuations.

A zoom controller can be connected directly to MRX.oca (MK), which must be connected to terminal strips.

A second screen can also be supplied.

Connections



Technical specifications

Overview

- Central connection unit for MRX.KranFunk in mobile cranes

Interfaces

- 1x connection for MRX.cabin
 - ⤿ 5-pin socket (M12/5, A-Code)
 - ⤿ Connection cable included: 2.0m
 - ⤿ Pin assignment "1"
- 2x PowerOut Monitor
 - ⤿ Power supply MRX.monitor
 - ⤿ 4-pin socket (M12/4, A-code)
 - ⤿ 1x Connection cable included: 5.0m
 - ⤿ Pin assignment "2"

1x PowerIn

- ⤿ On-board power supply connection (9-36 VDC)
- ⤿ 2-pin. cable, open end
- ⤿ Cable length 5.0m
- ⤿ Pin assignment "3b"

- Zoom pedal (Zoom-In, Zoom-Out, Common)
 - ⤿ Optional connection for zoom control
 - ⤿ 3-pin connection
 - ⤿ Pin assignment "4"

Physics

- Fanless
- Weight: 0.6kg
- Dim: 1100x100x81mm (BxHxD)
- Housing: Aluminium
- Mounting:
 - ⤿ Wall mounted

Power

- Power Supply:
 - ⤿ DC: 9-36VDC
- Power Consumption
 - ⤿ <0.5W

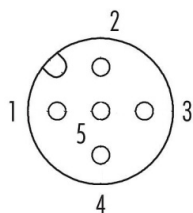
Environment

- Operation: -40 .. +85°C, ambient w/air
- Storage: -40 .. +85°C
- Rel.humidity: 5-95%, non-cond.

Certificates

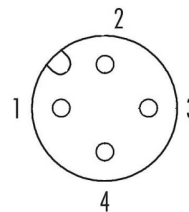
- CE, eMark regulations
- RoHS

Pin assignments



Socket #1:

- 1: DCout (=DCin)
- 2: Zoom (in)
- 3: Zoom (common)
- 4: GND (=0VDC)
- 5: Zoom (out)

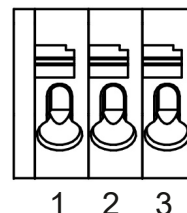


Socket #2:

- 1: DCout (=DCin)
- 2: -
- 3: -
- 4: GND (=0VDC)

Cable #3b:

- RED: +DCin
- BLACK: 0VDC



Connector #4:

- 1: Zoom (common)
- 2: Zoom (out)
- 3: Zoom (in)

