

MANUAL LAP-TEQ MOTION

We strongly recommend reading the user manual prior to operating LAP-TEQ MOTION or LAP-TEQ PLUS.

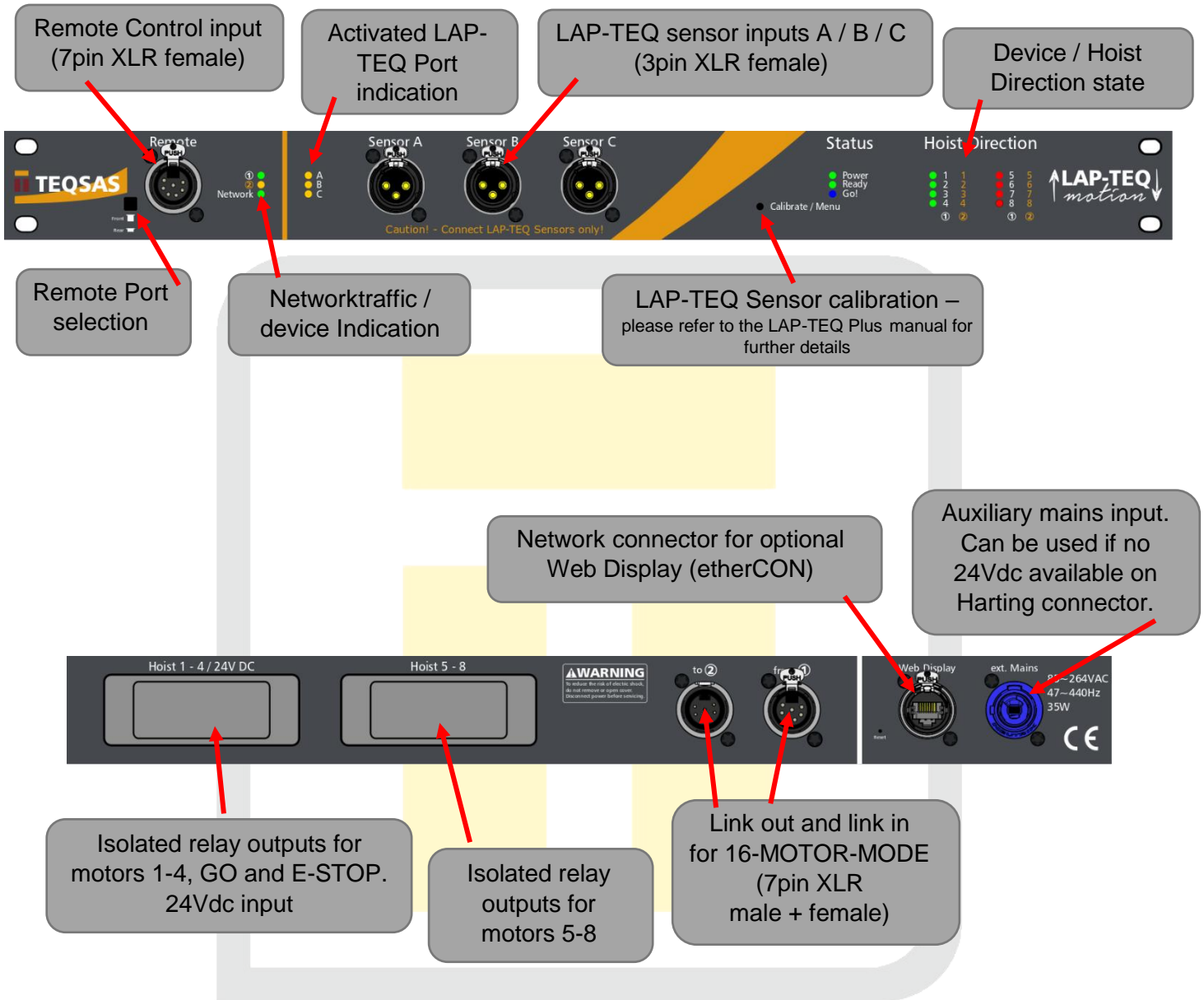
LAP-TEQ MOTION is a rigging remote-control system for up to 8 or 16 chain hoists according to BGV D8 or igwv SQ P2 D8+.

REMOTE CONTROL



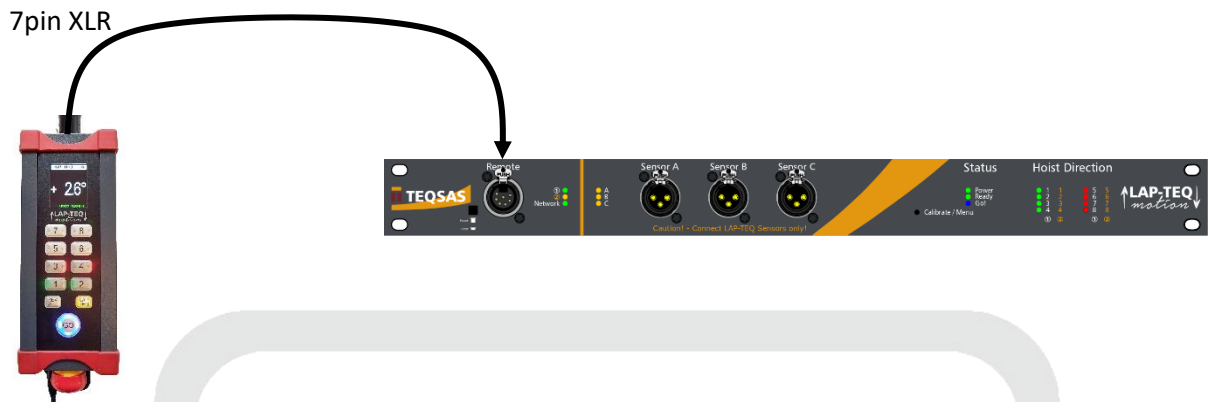
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RECEIVER UNIT



MANUAL LAP-TEQ MOTION

8 MOTOR MODE



In 8-MOTOR-MODE connect the LAP-TEQ MOTION remote control to **one** receiver unit with a 7pin XLR cable.

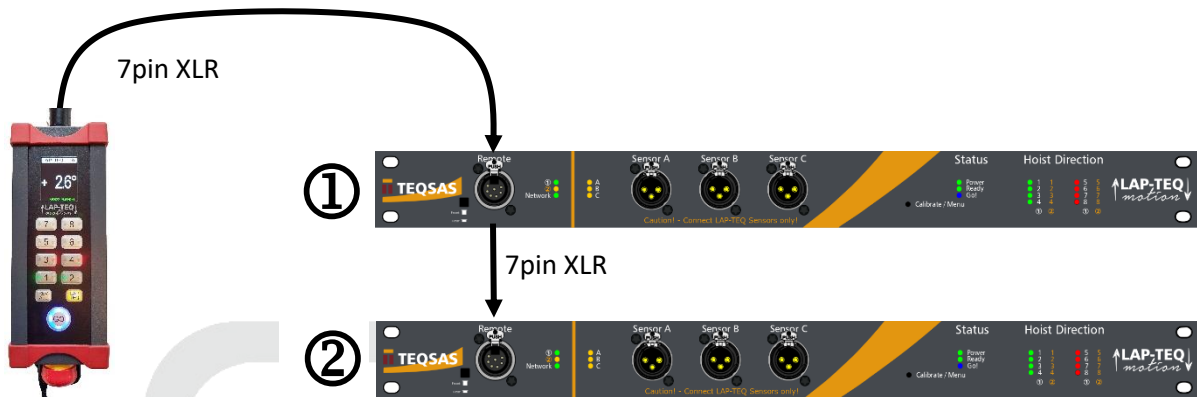
The 8-MOTOR-MODE is the default mode of LAP-TEQ MOTION.

To change the remote control from 16 to **8-MOTOR-MODE** press and hold **REV ALL** + **8** while switching on.

Green and red **8** on power up indicates that the remote control is in 8-MOTOR-MODE.

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16 MOTOR MODE



In 16-MOTOR-MODE connect the LAP-TEQ MOTION remote control to receiver unit ① with a 7pin XLR cable. Then connect the **link-out** of the receiver unit ① to the RC input of receiver unit ②. ⚠ Never connect more than 2 receiver units.

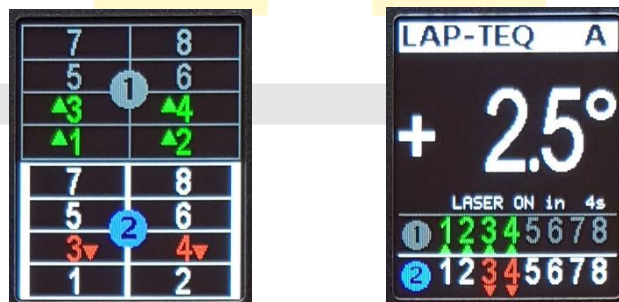
To change the remote control from 8- to **16-MOTOR-MODE** press and hold

REV ALL + **1** + **6** while switching on.

Green and red **1** + **6** on power up indicates that the remote control is in 16-MOTOR-MODE.

In 16-MOTOR-MODE the status of all 16 chain hoists is shown on the display. Only motors of one receiver unit can be accessed at a time via the keypad:

The active receiver unit is displayed in **white and blue**. The inactive receiver unit is displayed in **gray**.



To select receiver unit ① press **REV ALL** + **1**

To select receiver unit ② press **REV ALL** + **2**

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Technical Data:

LAP-TEQ MOTION

Permissible ambient temperature for operation	0 – 40 °C
Permissible ambient temperature for storage	-20 – 50 °C

LAP-TEQ MOTION REMOTE CONTROL

Protection type	IP53
Display	1.8" TFT display
Connector	XLR 7pin male
Cable / cable length	XLR 7pin, max. 50m
Dimensions	220 x 78 x 38.5 mm
Weight	0.5 kg

LAP-TEQ MOTION RECEIVER

Isolated relays for GO, Emergency-Stop and hoist direction on two Harting HandD15 male connectors

Emergency-Stop and GO relay	max. 48Vdc, 2A
Hoist direction relay	max. 48Vdc, 1A
Remote Control connector	XLR 7pin female
Remote Link Out ① > ②	XLR 7pin male
Remote Link In	XLR 7pin female
LAP-TEQ sensor inputs A, B, C	XLR 3pin female
DC power in (on Harting)	24Vdc, max 1A
Auxiliary AC power in	85-264Vac, 47-440Hz, 35W, Neutrik powerCON
Dimensions	482 x 44.5 x 410 (445) mm
Weight	4.8 kg

Harting HandD15 pin outs

Hoist 1-4 /24V	Function	Hoist 5-8	Function
A1	Motor 1 up	A1	Motor 5 up
B1	Motor 1 down	B1	Motor 5 down
A2	Motor 2 up	A2	Motor 6 up
B2	Motor 2 down	B2	Motor 6 down
A3	Motor 3 up	A3	Motor 7 up
B3	Motor 3 down	B3	Motor 7 down
A4	Motor 4 up	A4	Motor 8 up
B4	Motor 4 down	B4	Motor 8 down
C5	24V DC in	C5	nc
C1	E-STOP Relay Pin1	C1	link to C2
C2	E-STOP Relay Pin2	C2	link to C1
C3	Go Relay Pin1	C3	nc
C4	Go Relay Pin2	C4	nc
A5	GND	A5	nc
B5	Motor Common	B5	Motor Common