



# HOIST CONTROLLER

## Hoist controller

Kupo 4-CH and 8-CH direct hoist controllers are designed to withstand the rigorous touring environment, offering stand-alone or multiple-units control system for maximum flexibility. Tailor-made can be specified on request.

### Features:

1. Phase check for clear identification of respective incoming phases. Only when the phase sequence is correct does the equipment start to work. Phase missing displays on a red LED indicator and the equipment won't be functioning. Lockable E-Stop button and phase reverse switch as standard feature.



2. Built up with 3-PIN XLR in/out connector as linkable ports for multiple system.



3. Wiring information clearly disclosed on the front panel (for 8-CH controller) in favor of the user making the corresponding cable assembly for chain hoist controlling system

Hoist Power Connector			
Wire	L1	L2	L3
Motor-1	1	2	3
Motor-2	4	5	6
Motor-3	7	8	9
Motor-4	10	11	12
Earth	13-19		
Soca 19Pin	Pin Number		

4. Switching power supply for multiple input covering AC 220V, 380V, 400V and 440V for maximum flexibility.



5. Overall system protection and control circuit breaker ensure the working stability.



6. Individual up/down rotary switch per motor for handy operation.





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7. Phase reverse switch helps to convert the phase into correct sequence.



8. Industry standard connectors: power input 32A 5P CEE receptacle; output 16A 4P CEE (4-CH) or 2 x 19-PIN connectors (8-CH).

Four or eight channels of direct control using reversing contactors built on the rear side of the panel.



**Note:** CHC-14-3P & CHC-18-3P controller come with a protection case as standard

**CHC-14-3P** 4-CH CONTROLLER  
 Dimension: L 52 x W 42 x H 21 cm  
 Weight: 10.00 kgs  
 ( with water-proof case )

**CHC-18-3P** 8-CH CONTROLLER  
 Dimension: L 52 x W 34 x H 21 cm  
 Weight: 12.20 kgs



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## RACK MOUNT TYPE

This rack mount model is designed to accommodate to the heavier rigging system. Its function is mostly the same as the briefcase type. The major difference is the rack mount type can be installed into standard 19" rack, like a portable single dimmer. Flight case (CHC-14R-3P-1) for CHC-14R-3P is optional.

### Features:

1. The standard controller includes a 2M cable with CEE 5P male connector
2. Handle grip on each side for easy & convenience installation
3. Each unit comes with foot pad for desktop operation
4. Dimension: L48 x W23 x H13 cm
5. Weight: 6.4kgs



**CHC-14R-3P**



**Optional Flight Case for CHC-14R-3P  
(Product Code: CHC-14R-3P-1)**

## 1-CH CHAIN HOIST CONTROLLER

### Direct Control Station

- Impact-resistant control station for extreme durability
- Industrial push button for running hoist up and down
- With emergency stop mushroom
- 1.7M cable length for both input and output
- Connector: 32A 5Pin (input)/ 16A 4Pin (output)



**One Channel Direct Controller for Tri-Phase Hoist ( Product Code: CHC-11-3P )**

### Low Voltage Control Station

- Hand-held control unit for greater convenience
- With 3 meters / 4C x 2.0mmsg cable
- Connector : 16A 4Pin Male connector
- For up and down operation



**One Channel Low Voltage Controller for Tri-Phase Hoist  
(Product Code: CHC-11-3P-LVC)**



# MINI MOTOR PICKLE

## Mini Motor Pickle

Mini motor pickle is must-have gadget to rigger's belt. Three LEDs in the rear chassis help rigger to indentify the condition of the hoist on the go. Red LED shows the power is well connected; amber and green indicates respectively UP or DOWN direction while running the chain. It is built up rocker switch which will immediately and automatically stop the movement while your finger or thumb leave the switch. Carabiner is attached for rigger's most mobility. CEE 16A/4P and Turn-lock 20A/4P are available.



Need to run the chain from hoist?  
Without a handheld chain motor pickle behind you?

No Problem! Mini Motor Pickle is ready for professional rigger to guide your chain in & out between your finger tip. Mini Motor Pickle is designed for LVC(Low Voltage Control) type chain motor.

### Features:

- Lightweight & portable
- Up and Down control from a rocker switch
- Power LED indicates once chain motor power is connected.
- Different color of LED indicates Up & Down direction.
- Belt clip is included.

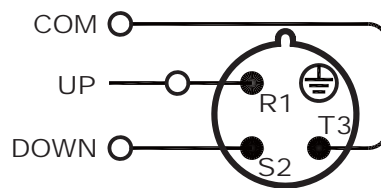
### Two versions are available

#### CHP-2 (CEE 16A/4 pins)



CHP-2 Mini Motor Pickle w/CEE 16-4h 3P+E 16amp yellow plug

Standard configuration:



Once chain hoist power is connected the power LED indicator will on. Let you know the motor is ready to go.



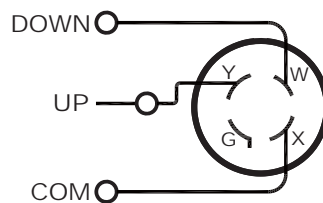
Up direction with Green LED indicator to tell correct operation way even in dark.

#### CHP-1 (Turn-lock 20A/4 pins)



CHP-1 Mini Motor Pickle w/NEMA L14-20 4pin 20amp plug

Standard configuration:



Down direction with Yellow LED indicator to tell correct operation way even in dark.