

Control Box CBP3

CBP3 control box is specially designed for patient hoists or stand-up lifts. Unlike the other similar control box only feedbacks the icons on the LCM to alarm users. CBP3 with error codes to let user be easily aware of abnormal condition, moreover, there is data collection function in it. Accumulative operating time, abnormal usage such as over duty, overload and incomplete charging on batteries will be recorded automatically. These data can be shown on PC via connecting CBP3. It provides great customer service to end-users.



Feature


- Main applications: medical, home care
- Input voltage (Switching power supply): 100~240V AC, 50/60Hz
- Output voltage: 24V DC
- Overload protection current on lifting actuator: 5~9A (on demand)
- Max. number of actuators this control box can drive: 2
- Max. number of control buttons: 4
- Emergency stop button
- LCM display shows status info and error code
- Data collection of predefined abnormal use in memory chip
- Connecting with PC to read data collection and change settings with service tool software (for customer service purpose, not for end-user)
- Duty cycle: 10%, max. 2 min continuous operation in 20 min.
- IP protection level: IP66 (for internal SMPS) / IPx4 (for external SMPS)
- Color: RAL 7035 (front cover), RAL 7016 (back cover)
- Certified: CE marking MDD 93/42/EEC


Option


- Internal or external power supply
- Phone jack with ϕ 13.6 or ϕ 16.7 mm molding available
- With/without battery level indicator on BTP1
- With/without lead-acid batteries inside BTP1


Compatibility


Product	Model	Required spec
Actuator	Lifting actuator: MD60, MD80, MD100	Phone jack(ϕ 6.35 mm) with Moteck J1(ϕ 13.6 mm) (Fig.1) or J2(ϕ 16.7 mm) (Fig.2) type molding
	Leg spreading actuator: MD50	
Handset	H2T (Support battery level and overload indicator)	Moteck H type DIN plug (Fig.3)
	HT, HTF (Without battery level and overload indicator)	
Accessory	Battery pack: BTP1 (Fig.4)	
	Battery charger: CHP1 (Fig.5)	


(Fig.1)


(Fig.2)

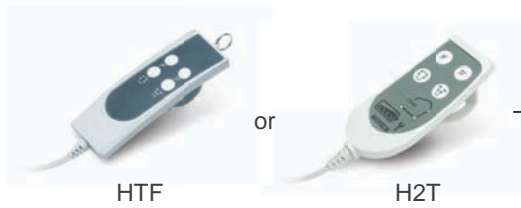

(Fig.3)


(Fig.4)


(Fig.5)

Control System Diagram

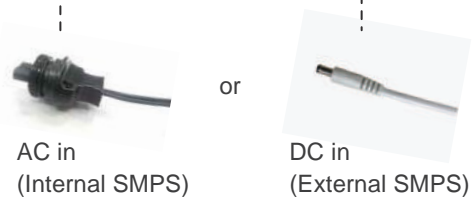
Handset



Lifting actuator



Leg spreading actuator

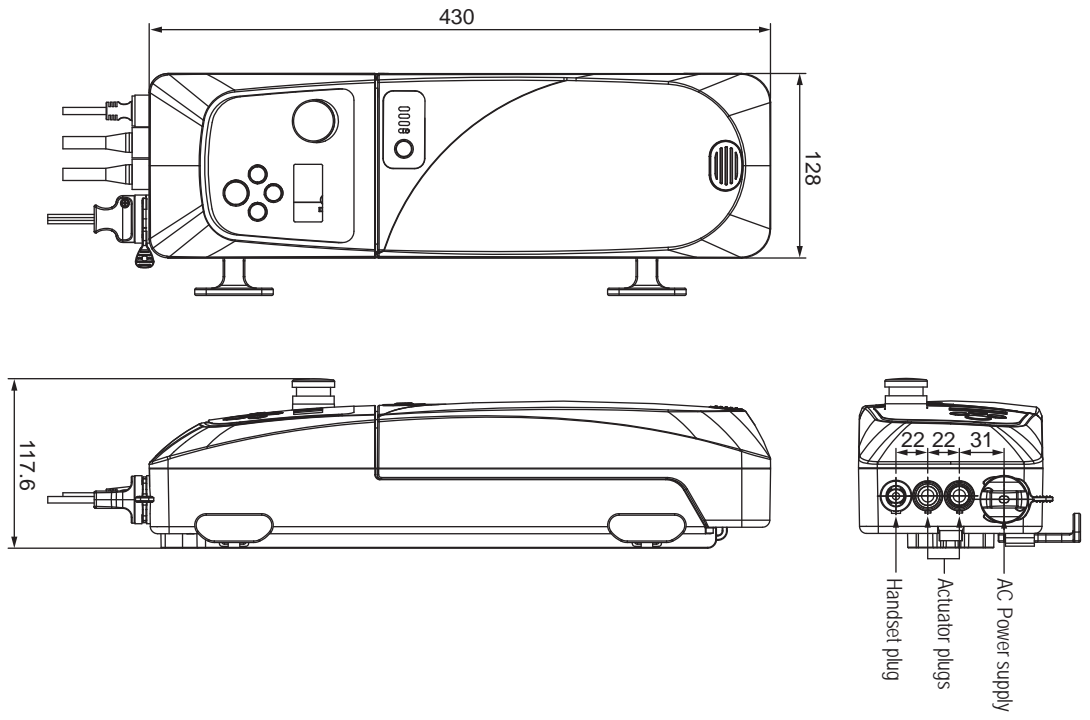


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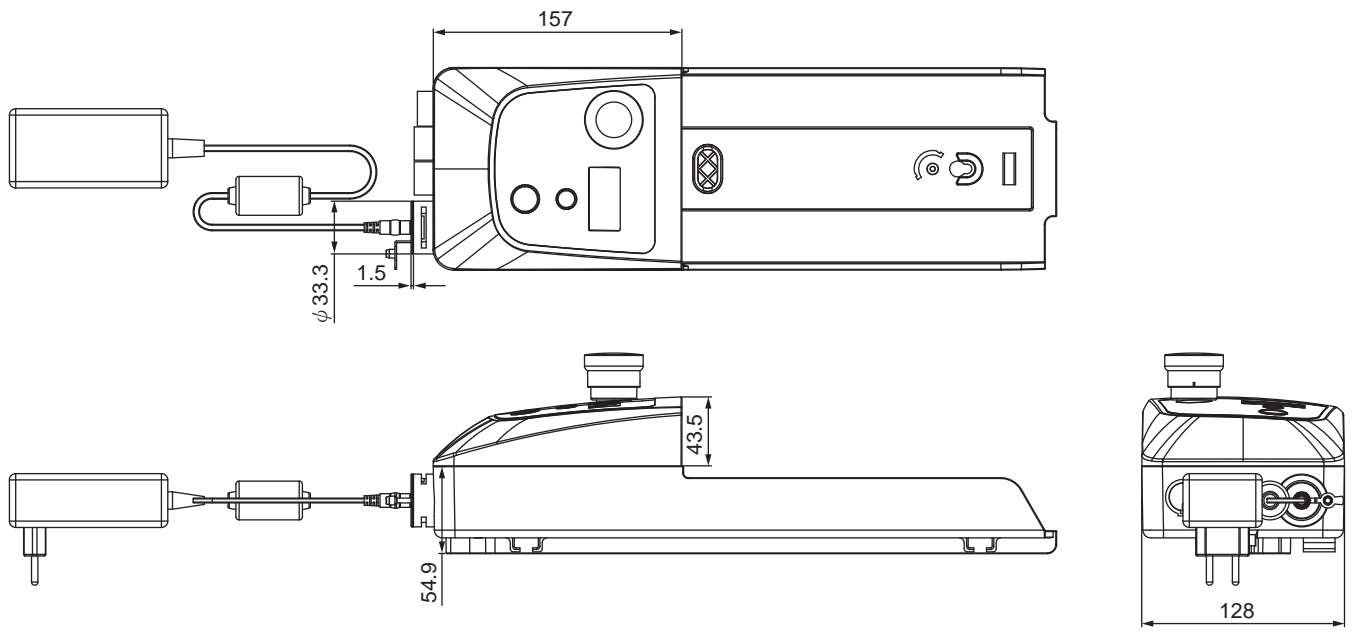
To know more about CBP3 please refer to "CBP3 user guide".

Dimensions

Internal power supply



External power supply



Unit: mm

Ordering Key

CBP3 - 24 - 2 - 1 - A B V

Output voltage	24: 24V DC
Number of motor	1: 1 actuator 2: 2 actuators
Plug	1: ϕ 13.6 mm 2: ϕ 16.7 mm
Firmware version	A: Version A (standard)
Battery	B: With lead-acid battery inside 0: Without lead-acid battery inside
Battery level indicator	V: With indicator 0: Without indicator
SMPS	Blank: Internal SMPS T: External SMPS

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