

M880 RECEIVERS



PROFESSIONAL RADIO CONTROLS

M880 NEW SERIES



H AC / H DC



L AC / L DC



S AC / S DC



M AC

| | | | | |
|----------------------------------|---|---|--|---|
| Supply voltage | H-AC: 45-240 Vac (50-60 Hz); H-DC: 11÷30 Vdc and 24 Vac (50-60 Hz) | L-AC: 24-240 Vac (50-60 Hz); L-DC: 11÷30 Vdc | S-AC: 24 Vac (50-60 Hz) / 12÷30 Vdc (Optional 24-440 VAC [50-60 Hz]) S-DC: 12÷30 Vdc | 12÷30 Vdc / 24 Vac (50-60 Hz) |
| Safety commands | STOP, Safety-Enable (up to 8) | STOP, Safety-Enable | STOP, Safety-Enable | STOP, Safety-Enable |
| Commands | 73 ^a relays or MOS, 32 ^a Analog (PWM, current, voltage) | 16 relays or 20 MOS, 8 Analog (PWM, current, voltage) | S-AC: 14 relays (N.O.); S-DC: Max 14 MOSFET (N.O), Max 4 Proportional, 2 Digital IN | 24 relays (20 N.O. and 4 N.C./N.O.) 4 Analog (Current, voltage) |
| Service commands | Start, Horn, Timed-Relay | Start, Horn, Timed-Relay ^b | Start, Horn, (configurable) | Start, Blinker (Among the 24 relays) |
| Input port | CAN, Serial RS232/RS485 | CAN, Serial RS232/RS485 | S-DC: CAN, Serial RS232 RS485 | CAN, Serial RS232/RS485 |
| STOP relay category ^a | PLe Cat 4, ISO 13849-1; 2006 6.2.7 architecture | PLe Cat 4, ISO 13849-1; 2006 6.2.7 architecture | PLe Cat 4, ISO 13849-1; 2006 6.2.7 architecture. PLc Cat 1, ISO 13849-1; 2006 6.2.3 architecture, (With ARES2 C and WAVE2 C) | PLe Cat 4, ISO 13849-1; 2006 6.2.7 architecture |
| Field BUS | CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232 / RS485 | CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232 / RS485 | S-DC: RS232 / RS485 (115200 Baud max) CAN_Bus (ID 11-29 bit) (1Mbit/s max) CANOpen (ID 11-29 bit) (1Mbit/s max) | CAN (ID 11-29 bit) CANOpen (ID 11-29 bit) RS232 / RS485 |
| Integrated flashing light | / | / | Only AC version | / |
| Operating temperature | -25°C - +70°C | -25°C - +70°C | -25°C - +60°C | -25°C - +70°C |
| Degree of protection | IP 66 | IP 66 | IP 66 | IP20 |
| Dimensions | 205 x 130 x 280 mm | 140 x 65 x 230 mm | 127 x 147 x 70 mm | 180 x 120 x 73 mm |
| Weight | 3500 g | 1700 g | 630 g | 910 g |

^a : depends on the configuration
^b : only for L DC

IMET Srl reserves itself the right to make eventual changes to the product without prior notice.



KRON M2

Weight 880 g Dimensions 180 x 107 x 160 mm

**OUR EXPERIENCE
IN A NEW DIMENSION**





KRON M1

Weight 880 g
Dimensions 180 x 107 x 160 mm



KRON M4

Weight 880 g
Dimensions 180 x 107 x 160 mm



KRON M2

Weight 880 g
Dimensions 180 x 107 x 160 mm



KRON NJ

Weight 880 g
Dimensions 180 x 107 x 160 mm



ROBUST AND INNOVATIVE

The new model from IMET, built to obtain maximum performance and minimum overall dimensions, it is designed for 4 and 5 function truck cranes. Featuring a practical clip for quick attachment to the waist belt, KRON impresses with its easy handling and ease of use thanks to the design of its handle, which will render comfortable every work situation.

SUPPLY KIT

Transmitting unit, receiver unit, 1 or 2 rechargeable NiMh batteries, battery charger, carrying belt, packet fuses, RX fixing brackets, user manual, declaration of conformity CE.

OPTIONS

Truck cranes retrofit kit, Tilt-Sensor, Serial Cable, MTRS, Kapta, Backlit transmitter panel.

TECHNICAL DATA

| | |
|-----------------------------------|---|
| Casing material | Charged nylon UL94 HB |
| Degree of protection | IP 65 |
| STOP | PLe Cat.4 (ISO 13849-1:2006 6.2.7 architecture) |
| Command JOYSTICK | PLd Cat.3 (ISO 13849-1:2006 6.2.6 architecture) |
| LEVER - BUTTON | PLc Cat.2 (ISO 13849-1:2006 6.2.5 architecture) |
| Operating frequency 1 | I.S.M. Band 433.050-434.790 MHz |
| Operating frequency 2 | I.S.M. 434.040-434.790 MHz |
| Operating frequency 3 | 2,4 GHz, 16 ch |
| Range | 100 m |
| Autonomy at 20°C | ≈ 22 hours |
| Operating and storage temperature | -25°C - +70°C / -40°C - +85°C |

DETAILS

| | |
|--|---|
| | STATUS LEDs Colored LEDs report about the status of the radio link, the battery charge level and make the diagnosis of anomalies. |
| | PIN CODE Access PIN code can be programmed to restrict the use to authorized personnel. |
| | STOP Mushroom head STOP button featuring Functional Safety level PLe/SIL3/Cat4. |
| | JOYSTICK (ALSO Z-AXIS) Tested for 15.000.000 operations; long stroke lever with +/-40° tilting angle. |

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|--|---|
| | NO ENVIRONMENT IS TOO HARSH The boxes are designed and built with highly impact-resistant material, resistance to exposure in chemically aggressive environments. |
| | SIZE AND WEIGHT They are very compact and thus, allow the operator to have a higher freedom of movement. |
| | ERGONOMIC BELTS Two practical and sturdy belts for the use of a pouch or shoulder strap of your manipulator. |
| | BATTERY CHARGER BATTERIES Fast charger and extractable rechargeable NiMh batteries for extra long duration. |