

ALNWRD — REMOTE WITH COLOR GRAPHIC DISPLAY

- Pushbutton designed for remote control applications of machines equipped with RDC EVO radio receiver
- 8+2 keys keypad with a backlight and integrated spotlight led
- RGB high brightness display
- Quick charging for long battery life
- Up to 3 side buttons for custom applications
- Emergency button for safety functions
- Customizable keyboard graphic
- Hamming security code for continuous work without interruptions on 434 or 868 MHz band

TECHNICAL DATA	
MASTER CODE	ALNWRD
POWER SUPPLY	3.7V 1200 mAh Li-ion INTEGRATED BATTERY
BUTTONS	N. 10 FRONTAL KEYS (WITH *HIGH POWER* INTEGRATED BACKLIGHT AND SPOTLIGHT) UP TO 2 LEFT SIDE BUTTONS (OPTIONAL) UP TO 1 RIGHT SIDE BUTTON (OPTIONAL) N. 1 EMERGENCY STOP BUTTON
DISPLAY	**New** TECHNOLOGY: IPS (RGB) with anti-glare treatment SIZE: 2.4” RESOLUTION: 240x320st BRIGHTNESS: up to 1000cd/m2 VIEWING AREA: 36.72(H)x48.96(V)
LED	N. 14 PROGRAMMABLE SPOTLIGHT LEDS N.3 STATUS LED (GREEN & RED BICOLOR) BATTERY STATUS LED CHARGING LED (Red: in charge – green: charging complete)
BUZZER	YES (low dB)
RADIO FEATURES	NOMINAL FREQUENCY: 868 MHz / 433.92 MHz MULTI-CHANNEL WITH AUTOMATIC FREQUENCY SCAN ANTENNA: INTEGRATED OPERATIVE RANGE: 100m *
RADIO PROTOCOL	PACKET TRANSMISISON PROTOCOL BIDIRECTIONAL LINK
Graphic PROGRAMMING	**New** TouchGFXDesigner® Aloader sotware tool
Battery CHARGE	< 3 h
CHARGER CONNECTOR	**New** universal USB TYPE-C
TEMPERATURE	OPERATING: -20 … +60°C CHARGING: 0 … +45°C STORAGE: -20 … +80°C (10 days)

Scan me

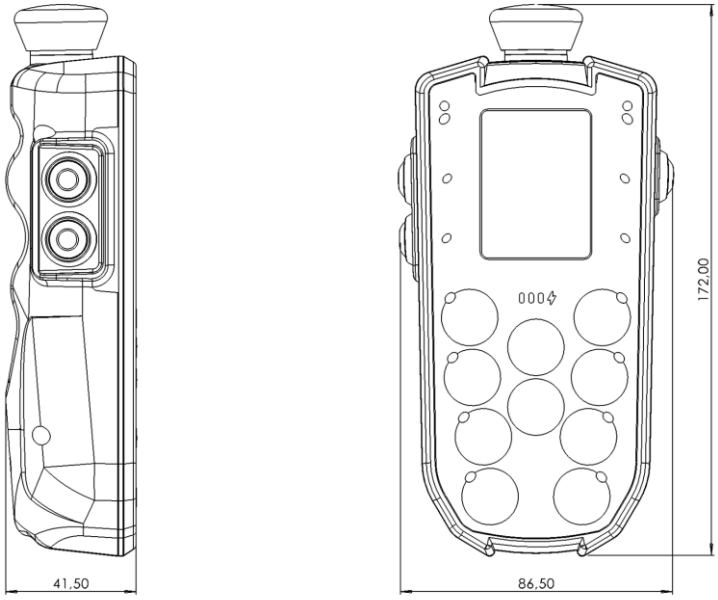
ALMEC S.p.A. (a socio unico) - Via Torino 196 - 12063 - Dogliani (Cn) - Tel. +39 0173 742821 - www.almec.net - info@almec.net
We reserve the right to make technical alterations without prior notice

ALNWRD | REMOTE WITH COLOR GRAPHIC DISPLAY

ELECTRONIC FEATURES

APPROVALS	CE (RED) UKCA
Health and safety - Article 3.1(a)	EN 62479:2010 EN 50663:2017
Electromagnetic compatibility - Article 3.1(b)	ETSI EN 301 489-1 v.3.2.1 (2021/11) ETSI EN 301 489-3 v.2.1.1 (2017/03)
Efficient use of radio spectrum - Article 3.2	ETSI EN 300 220-1 v.3.1.1 (2017/02) ETSI EN 300 220-2 v3.2.1 (2018/06)
ENVIRONMENTAL TESTING	IEC 60068-2-64 IEC 60068-2-27 IEC 60068-2-27 IEC 60068-2-30
PROTECTION	IEC 60529 (IP64)

SIZE (mm)



STATUS BAR



BICOLOR STATUS LED
Custom application use

GRAPHIC COLOR DISPLAY
Fully customizable interface and usage

SPOTLIGHT LED
Integrated on each key

BACKLIGHT
Integrated on each key

REMOTE STATUS AND CONFIGURATION
Available on display menù

CUSTOMIZABLE GRAPHIC
Pictograms, colors and company logo



The status of the battery in charge is indicated by the dedicated bicolor led



Device battery charge is available by the 3 color LED display located in the front area.

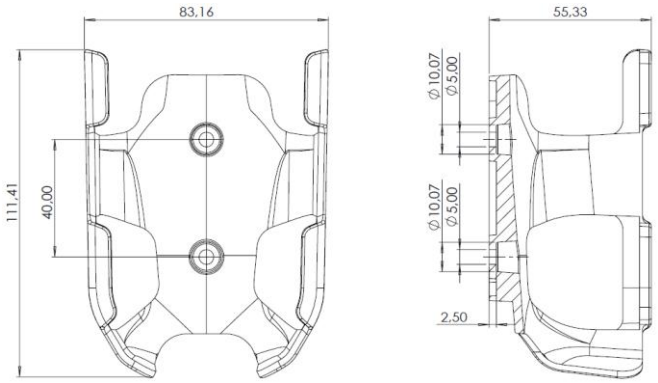
ALMEC S.p.A. (a socio unico) - Via Torino 196 - 12063 - Dogliani (Cn) - Tel. +39 0173 742821 - www.almec.net - info@almec.net
We reserve the right to make technical alterations without prior notice

ALNWRD | REMOTE WITH COLOR GRAPHIC DISPLAY

FEATURES

MOUNTING BRACKET





CUSTOMIZABLE KEYBOARD GRAPHIC



USB TYPE-C (5 VDC) BATTERY CHARGER
with USB-C – USB-C cable included
For universal USB charger
OPTIONALS:
- 220/230 VAC plug adapter
- 12 VDC Lighter socket charger



USB TYPE-C connector



Compatible with universal smartphone / tablet / power-bank charger

OPTIONALS

INTEGRATED MAGNETIC BRACKET



FAUX LEATHER CASE
With rear spring clips for belt attachment and lid with Velcro closure for quick withdrawal.



RADIO KIT READY TO USE
RDC EVO

- Bi-directional radio module for remote machinery control equipped with a CANbus network
- Designed to operate in systems with high safety level architectures
- Compatible with SIL2 and PLd standards.
- Integrated adjustable antenna
- Rugged IP68 enclosure and connector

See the dedicated datasheet on almec.net



ALNWR.D
RADIO TRANSMITTER



RDC EVO
RADIO RECEIVER

NOTE