

# Itowa ✪

Radio Remote Control Systems

35  
1986 / 2021  
Years

## COMBIPLUS

Remote control for cranes and machines



### MAXIMUM CAPACITY AT EVERYONE'S REACH

COMBIPLUS is the latest remote control to be incorporated into our family. It has been designed with the aim of solving any need that our customers may require.

Its dimensions and design make it very easy to incorporate a wide variety of actuators. They can be placed both on the surface of the desk and on the sides.

COMBIPLUS is ideal for applications that require a maximum precision control. Among its different features, it is worth mentioning the datafeedback function using leds or LCD screen, which provides information of utmost interest to the user.



# TECHNICAL FEATURES COMBIPLUS

Remote control for cranes and machines

## AVAILABLE CONFIGURATIONS AND FEATURES

Master & Slave  
Pitch & Catch  
Tandem  
Safety features

Two transmitters act on two receivers  
Two transmitters act on a single receiver  
One transmitter acts on two receivers  
For the STOP function (EN ISO 13849-1),  
Category 4 - SIL3/PL

## TRANSMITTER

Frequency range  
Hamming Distance  
Range of action  
Emission power  
Battery Autonomy (20°C)  
Battery capacity and type  
Temperature  
Material  
Dimensions  
Weight approx.  
Protection  
Actuators

434 MHz / 870 MHz  
≥6  
100 m  
10 mW P.R.A.  
16 hours  
Ni-MH battery 7,2V and 1.500mAh  
-20°C to +70°C  
Polyamide 6-6 and 15% fiberglass  
295x190x175 mm  
1,8 Kg  
IP 65  
- Different models of analogue or incremental manipulators with double or single axis  
- Potentiometers  
- Rotary Selectors  
- Toggle Selectors  
- Linked Selectors  
- Side pushbuttons  
Indicators  
Low battery and transmission LEDs  
Optional LCD on demand



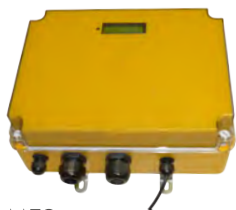
## BATTERY CHARGER

Power requirements  
Dimensions  
Charging time  
Loading temperature  
Weight approx.

100/240 Vac  
88x153x48 mm  
2-3 hours  
0°C to 40°C  
200g



## RECEIVERS



Rx32 MF2

Nº of commands 30 (28+Start+Horn) + 2 Stop

Relay and Analog Output 30 (28+Start+Horn) + 2 Stop + 7 analog outputs for bipolar and unipolar voltages

Relays Resistive load: 5A at 250Vac or 30Vdc  
Power requirements 48Vac/115Vac/230 Vac(-20% +15%)  
24Vac/24Vdc(-20% +15%)

Dimensions 315x235x120 mm  
Security Level Category 4 - SIL3/PL for E-Stop  
Protection rating IP65



IT3R22 - IT3R26 (RXV06)

22 (21+Start-Horn) + 2 Stop  
26 (25+Start-Horn) + 2 Stop  
30 (29+Start-Horn) + 2 Stop  
18 (17+Start-Horn) + 2 Stop  
+ 7 analog outputs for bipolar and unipolar voltages

Resistive load: 8A at 250Vac or 30Vdc  
48Vac/115Vac/230 Vac(-20% +15%)  
24Vac/24Vdc(-20% +15%)  
374x274x110 mm  
Category 4 - SIL3/PL for E-Stop  
IP65



IT3RBU3

By BUS + 2 Stop  
Compatible with the protocols:



Resistive load: 5A at 250Vac or 30Vdc  
115Vac/230 Vac(-20% +15%)  
24Vac/24Vdc (-20% +15%)  
190x83x165 mm  
Category 4 - SIL3/PL for E-Stop  
IP65

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# COMBI PLUS



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