



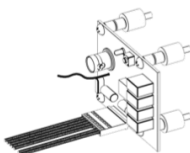


RADIORE901 - Universal Receiver



Replacement and Programming Instructions

Receivers: Compatibility and Replacement


The **RADIORE901** Radio Receiver is compatible with the Manaras-Opera Series "0" and "900" Fixed Code (Dip Switch Technology) Radio Control Lines as well as the Series "100" Rolling Code Technology Radio Control Line.

Replacement Product		Discontinued Products	
Universal Receiver	 RADIORE901 Universal Receiver	Fixed Code / Dip Switch Technology	
	<ul style="list-style-type: none">• Compatible with both Rolling Code and Fixed Code / Dip Switch Technology.• Controls 1 Operator.• Easy installation on wall close to operator or directly onto operator's control box.• Nema 1 enclosure (N4 option available - RADIORE901B).• Operates on 24VAC/VDC.• LED indicator.• Includes 2 mounting screws and anchors.• Optional commercial antenna (RADIO029) and 15' coaxial cable (CABLE015) available for increased range and distance.	 RADIO014 (MR-1000) / RADIO015 (MRX-1000)	<ul style="list-style-type: none">• Controls 1 Operator.• Installed directly onto operator's control box.• Includes commercial antenna for increased range (RADIO015 / RADIORE900A).• Operates on 24VAC/DC.• LED indicator.
		 RADIORE900 / RADIORE900A	
		 RADIO031 (MCR-32 N4) / RADIO037 (MCR-32) / RADIORE900B	<ul style="list-style-type: none">• Controls 1 Operator.• Nema 1 enclosure (RADIO037), Nema 4/12 enclosure (RADIO031 / RADIORE900B).• Includes commercial antenna.• Operates on 24VAC/DC.
	Rolling Code Technology		
	 RADIOKIT005	<ul style="list-style-type: none">• Controls 1 Operator.• Operates on 24VAC/DC.	

➤ Replacing RADIO014/015/031/037 Receivers with a new RADIORE901 Receiver and Pairing it to an Existing Transmitter:

1. Make sure the existing transmitter is set properly (refer to the Transmitter's Technical Note).
2. Press the **LEARN** button on the RADIORE901 receiver. The **RED LED** will  **BLINK**. You will have 15 sec. to complete the pairing or you will need to restart.
3. On the existing Transmitter, press the desired **Button** that you wish to pair.
4. The **RED LED** will stop  blinking. The RADIORE901 has now been paired with the existing transmitter.
5. Only one transmitter needs to be matched per receiver. The other transmitters with the same dip switch configuration will pair automatically.

➤ To Delete All Transmitters from the Receiver's Memory:

1. Press and **HOLD** the **LEARN** button on the RADIORE901 receiver until the **RED LED BLINKS**  (approx. 10 sec.) (frequency of 1/3 sec. ON / 1/3 sec. OFF).

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➤ Wiring RADIORE901 Receiver with an Electronic Control Board

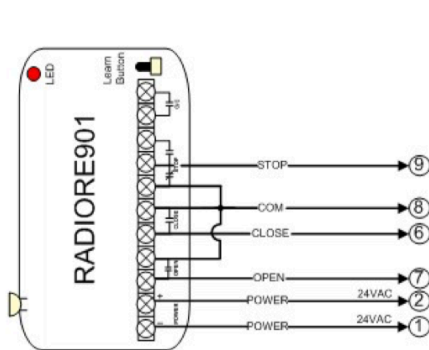


Figure 1 - Wiring of RADIORE901 for Open/Close/Stop Function

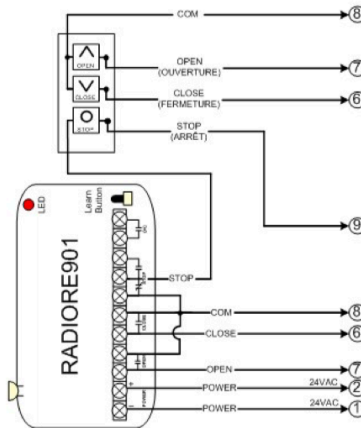


Figure 2 - Wiring of RADIORE901 for O/C/S and 3-Push Button Station

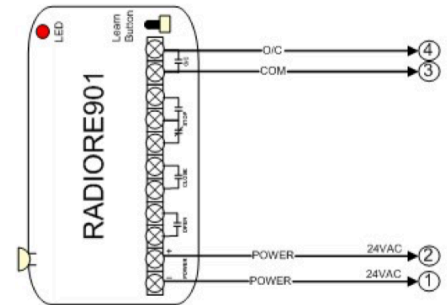


Figure 3 - Wiring of RADIORE901 for Open/Close Function

➤ Wiring RADIORE901 Receiver to an Electromechanical Terminal Block

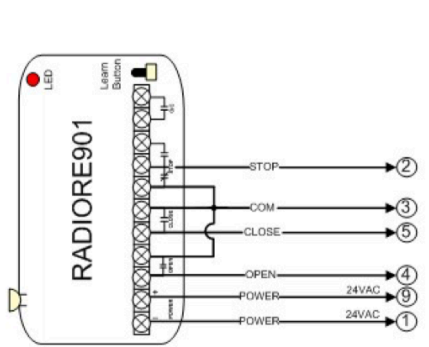


Figure 4 - Wiring of RADIORE901 for Open/Close/Stop Function

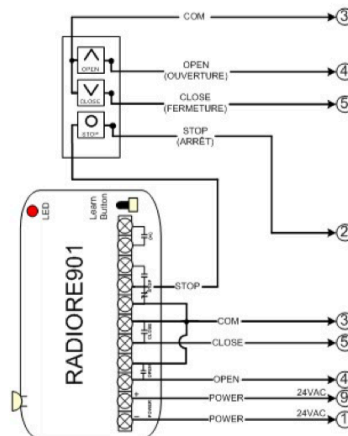


Figure 5 - Wiring of RADIORE901 for O/C/S and 3-Push Button Station

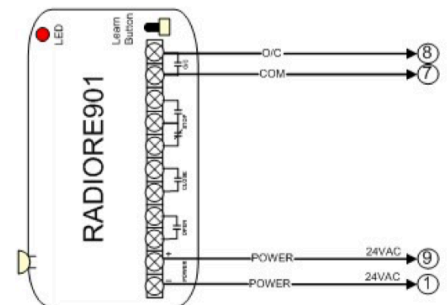
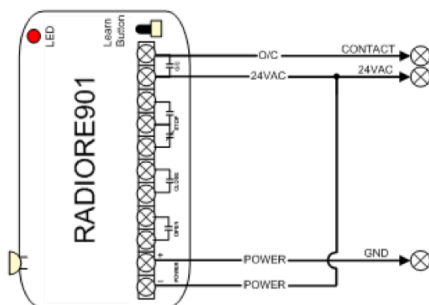


Figure 6 - Wiring of RADIORE901 for Open/Close Function

Wiring RADIORE901 Receiver to an External Terminal Strip



Mount the receiver directly to the terminal strip provided on the outside of the control box.

Figure 7 - Wiring of RADIORE901 on TSTRIP005