



210 Receiver Module Product Specification

210 DIN Rail Receiver Decoder

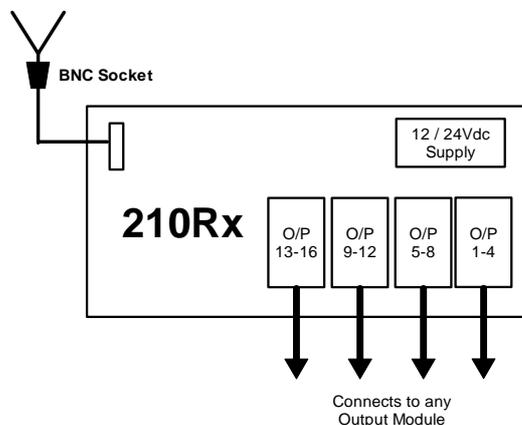
This DIN rail module performs the radio reception and decoding for the 200 series modules. It has four output connectors each with four digital outputs and displays the output status on LED's 1-16. Any of the DIN Rail output modules lug into these connectors marked 1-4 (Connecting cable supplied with output module).



NOTE:

The 210Rx can only be configured to work with any of the '200' series Transmitters. These include the 200 & 201 DIN Rail mounting transmitter modules and the 204 & 207 portable handheld transmitters. Configuration instructions are given in the transmitter datasheets.

Connector	O/P Channels
1	1 - 4
2	5 - 8
3	9 - 12
4	13 - 16



Technical Specifications

Dimensions: Within DIN Rail: 157 x 82 mm (PCB: 155 x 72mm)

Storage Temperature: -10 to +70° Celsius. **Operating Temperature:** 0 to +55° Celsius.

Electrical Characteristics	Min	Typical	Max	Units
Supply Voltage: 12V Supply	10	12	16	V
Supply Voltage: 24V Supply	21	24	30	V
Supply Current : Quiescent		25		mA
Time from Tx Switch depressed to 210Rx output			100	mSecs
Time from Tx Switch release to Decoder output			200	mSecs
Switched output Voltage (I out = 1mA)				
Logic Low	0	0.2	0.8	V
Logic High	3.5	3.8	5	V

Part Numbering

Part No	Description
210-433FR	Receiver Decoder 16 Channels DIN Rail Mounting, FM @ 433.92MHz
210-525NR	Receiver Decoder 16 Channels DIN Rail Mounting, FM Narrow Band @ 434.525MHz
210-458FR	Receiver Decoder 16 Channels DIN Rail Mounting, FM High Power @ 458.850MHz

Information contained in this document is believed to be accurate, however no representation or warranty is given and R.F. Solutions Ltd. assumes no liability with respect to the accuracy of such information. Use of R.F. Solutions as critical components in life support systems is not authorised except with express written approval from R.F. Solutions Ltd.

