

CU-08RF RFID reader

1. Description



The **CU-08RF RFID reader** is an accessory of the CU-08 tracker unit and CA-210x car alarms. It is used for the RFID identification of drivers by Jablotron PC-02x, PC-04x, JA-191, JA-192J, JA-194J and AZ-10T RFID tags and Jablotron PC-01 and JA-190J RFID cards.

Driver identification is done by applying an RFID tag to the RFID reader when it is active. The reading procedure is indicated acoustically or optically according to the settings of the tracking unit or car alarm.

2. Installation

The reader is designed for installation in the car interior. But it can be freely installed inside the interior, under the dashboard or center console, if it is made from plastic. The unit can be installed under those plastic parts and strongly fixed to them. The maximum reading distance (reader – tag) must not be exceeded. This depends on the selected mode of the unit.

Connection of the RFID reader is done by plugging its connector into the RJ input of the tracker unit or car alarm. The best point for reading the RFID tags is the center of the reader. This can be marked by a sticker from the accessories straight onto the reader or on the surface under which the reading unit is installed and where the sticker is visible.

3. RFID reader settings

The reader has 2 working modes. These modes are selectable in the tracker unit or car alarm settings by the C-Link software. The 1st mode (default) is RFID card reader active if only the car key is turned on and an RFID tag is detected immediately after reading at a maximum distance of 3cm away. In the 2nd mode the RFID card is always active. In this case the reader works in a power save mode and reading is done with a 1 sec period with lower RF power. This


is to minimize the consumption. That is why it is necessary to hold the RFID tag in front of the reader a little bit longer than usual with a shorter reading distance of approximately 1cm.


4. Technical specifications

Power	= 8 - 30 V
Maximum consumption	8 mA / 12 V
Current during ignition	7 mA / 12 V
Current with no ignition	3,5 mA / 12 V
Current in sleep mode	4 mA / 12 V
RFID frequency	125 kHz
Unit dimensions	52 x 73x 10.5 mm
Weight with cable	80 g
Temperature range	-20 to +80 °C
Complies with	ETSI EN 300 330, EN 50130-4, EN 55022, EN 60950-1,

Also meets ERC REC 70-03

Designed for direct connection to the unit or car alarm. The reader is designed for use in road vehicles.

 10R-04 6950

 JABLOTRON ALARMS a.s. hereby declares that the CU-08RF is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com - Section Downloads.



Note: Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the producer after use.

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