Operational Description for Type R202 Model 453D receiving unit

1 Identification of the unit

Type	**R202**
Model	**453D**
Configuration	**B01**
Equipment	**remote control receiving unit**
Trasmitting radio module	**E16SRXUS1**
Used frequency band	**902 - 928 MHz**
FCC Identifier	**OQA-R202453D**
Manufacturer	**AUTEC srl Via Pomaroli, 65 I-36030 CALDOGNO (VI)**

where:
TYPE: it contains the references about the type of unit (transmitting, receiving or transceiving), the type of casing and the electronic technology.
MODEL: it contains the references about the power supply, the type of actuators and the radio frequency band
CONFIGURATION: it contains the references about the specific set of components and accessories of the unit

2 Difference between the units

There are some Configurations which differ each other for the used extension interface (card) and for the used antenna:

Configuration B01:
- embedded antenna
- converter d/a extension interface (card) E16RIV15

Configuration B02:
- antenna with stylus and with a cable 1 - 5 metres
- converter d/a extension interface (card) E16RIV15

Configuration B03:
- embedded antenna
- 1-axis with 4 steps potentiometer extension interface (card) E16RIV4A

Configuration B04:
- antenna with stylus with a cable 1 - 5 metres
- 1-axis with 4 steps potentiometer extension interface (card) E16RIV4A

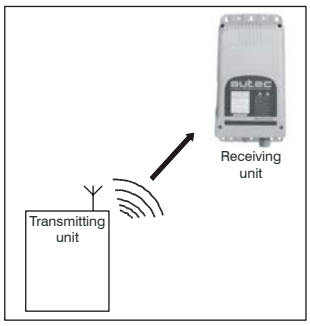
Configuration B05:
- embedded antenna
- 2-axis with 4 steps potentiometer extension interface (card) E16RIV4B

Configuration B06:
- antenna with stylus with a cable 1 - 5 metres
- 2-axis with 4 steps potentiometer extension interface (card) E16RIV4B

Configuration B07:
- embedded antenna
- concrete extension interface (card) E16RIV1A
Configuration B08:
- antenna with stylus with a cable 1 - 5 metres
- concrete extension interface (card) E16RIV1A
Configuration B09:
- embedded antenna
- 4 programmable relais extension interface (card) E16RIR4A
Configuration B10:
- antenna with stylus with a cable 1 - 5 metres
- 4 programmable relais extension interface (card) E16RIR4A
Configuration B11:
- embedded antenna
- 1-axis with 13 steps potentiometer output extension interface (card) E16RI01A
Configuration B12:
- antenna with stylus and with a cable 1 - 5 metres
- 1-axis with 13 steps potentiometer output extension interface (card) E16RI01A
Configuration B13:
- embedded antenna
- 2 programmable relais extension interface (card) E16RIR2A (24Vdc)
Configuration B14:
- antenna with stylus and with a cable 1 - 5 metres
- 2 programmable relais extension interface (card) E16RIR2A (24Vdc)
Configuration B17:
- embedded antenna
- optional card E16RIDWA for master boards DC
Configuration B18:
- antenna with stylus and with a cable 1 - 5 metres
- optional card E16RIDWA for master boards DC
Configuration B25:
- embedded antenna
- cmd held programmable extension interface (card) E16RIMEA
Configuration B26:
- antenna with stylus and with a cable 1 - 5 metres
- cmd held programmable extension interface (card) E16RIMEA
Configuration B27:
- embedded antenna
Configuration B28:
- antenna with stylus and with a cable 1 - 5 metres
Configuration B29:
- embedded antenna
- 8 additional relais programmable extension interface (card) E16RIR8A
Configuration B30:
- antenna with stylus and with a cable 1 - 5 metres
- 8 additional relais programmable extension interface (card) E16RIR8A

3 Operational description

Industrial radio remote controls are used to command machines from a distance.
Each industrial radio remote control is made up of a portable transmitting unit, from which the user can remotely control the machine, and a receiving unit installed on board the machine itself.



The transmitting unit uses radio frequencies to transmit a coded message which contains a value called address. Each receiving unit can only decode the messages coming from a transmitting unit with the same address.
This excludes the possibility of an interference activating any system function. If the radio frequency transmission is disturbed, incorrect or interrupted, the receiving unit autonomously stops the whole system.