AIR SERIES

Part B:
Conformity and frequencies
(434 and 915MHz)

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1 Conformity

1.1 Conformity of frequency band 433.050-434.790MHz

Each AIR series' radio remote control working in the frequency band 433.050-434.790MHz complies with the (R&TTE) Directive 1999/5/EC and its essential requirements.
Each radio remote control is also in conformity with the harmonised standards provided in the EC Declaration of Conformity.
You can find the EC Declaration of Conformity on the website www.autecsafety.com, in the product page of the relevant transmitting unit.

1.2 Conformity of frequency band 915-928MHz: FCC and IC

An AIR series' radio remote control working in the frequency band 915-928MHz complies with the essential requirements of the following regulations:
- FCC (Federal Communication Commission) Part 15
- IC (Industry Canada) RSS-102

Unit	FCC ID	IC Number
A8 transmitting unit	OQA-A08LA0AM	9061A-A08LA0AM
AJM transmitting unit	OQA-AJMDA0BM	9061A-AJMDA0BM
AJR transmitting unit	OQA-AJRDA0BM	9061A-AJRDA0BM
AJS transmitting unit	OQA-AJSDA0BM	9061A-AJSDA0BM
Receiving unit G ACRS13-G	OQA-RGAGA00M	9061A-RGAGA00M [a] [b] [c]
Receiving unit G DCRS13	OQA-RGEBA00M	9061A-RGEBA00M [a] [b] [c]
Receiving unit L ACRS13-L	OQA-RLBHA00M	9061A-RLBCA00M [a] [b] [c]
Receiving unit M ACRM15	OQA-RMCEA00M	9061A-RMCEA00M [a] [b] [c]
Receiving unit HACRP8	OQA-RPDFA00M	9061A-RPDFA00M [a] [b] [c]

a. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

b. This radio transmitter has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna type	Antenna gain	Antenna impedance
Autec stylus λ/4	<0dBi	50 Ohm

c. Autec allows you to use only the dedicated antenna supplied either with the remote control or as original spare part. The use of any other type of antenna is prohibited and will invalidate the guarantee.

1.2.1 Federal Communications Commission (FCC)

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1.2.2 Industry Canada (IC)

This device complies with RSS-210 of the Industry Canada Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

1.3 Conformity of frequency band 915-928MHz: ANATEL

An AIR series' radio remote control working in the frequency band 915-928MHz complies with the essential requirements of "Anatel Resoluçao n°506".

Unit	Technical name	N° Anatel
A8 transmitting unit	Model A08 Type LA0AB	3183-13-9674

Este equipamento opera em caráter secundario, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primario.

2 Frequencies

AIR series radio remote controls can work at two different frequency bands: 433.050-434.790MHz or 915.000-928.000MHz.

CAUTION	**The radio remote controls' working frequency is defined by market-specific laws and standards. In order for the system "machine+radio remote control" to be compliant and therefore to be used, it shall comply with such laws and standards: if it does not, the system may be impounded by competent bodies.** **Autec cannot be held responsible if the radio remote control is set with forbidden frequencies.**

They automatically search for a free working frequency.

2.1 Frequency band 433.050-434.790MHz

2.1.1 Frequencies

The radio link between the units of Autec AIR series radio remote controls is built at one of the frequencies permitted by the European standards in force when the system is put on the market.

Frequencies used in the band 433.050-434.790MHz 64
RF power ..... <1mW
Channel spacing 25kHz

2.1.2 Market

Air series' radio remote controls working in the frequency band 433.050-434.790 MHz can be used within the EU (European Union), the EFTA (European Free Trade Association) and in Singapore.

2.2 Frequency band 915-928MHz

2.2.1 Frequencies

The radio link between the units of Autec AIR series radio remote controls is built at one of the frequencies permitted by the US and Canadian or Brazilian standards in force when the system is put on the market.

Frequencies used in the band 915-928MHz 255
RF power (FCC and IC) ..... meets FCC and IC requirements
RF power (ANATEL) ..... <1mW
Channel spacing 50kHz

2.2.2 Market

Air series' radio remote controls working in the frequency band 915-928MHz can be used in the US and Canadian or Brazilian markets.
Check on the technical data plate of the units in which markets the radio remote control can be used.