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
LK NEO 6/LK NEO 8 transmitting unit	OQA-LKNLA1CM	9061A-LKNLA1CM
LK NEO 6 DF transmitting unit	OQA-LKNDA1DM	9061A-LKNDA1DM
LK NEO 10/LK NEO 12 transmitting unit	OQA-LKNLA2EM	9061A-LKNLA2EM
LK NEO 10 DF transmitting unit	OQA-LKNDA2FM	9061A-LKNDA2FM
Receiving unit G ACRS13-G	OQA-RGAGA00M [d]	9061A-RGAGA00M [a] [b] [c]
Receiving unit G DCRS13	OQA-RGEBA00M [d]	9061A-RGEBA00M [a] [b] [c]
Receiving unit G DCRS13	OQA-RGMKA00M [d]	9061A-RGMKA00M [a] [b] [c]

Unit	FCC ID	IC Number
Receiving unit L ACRS13-L	OQA-RLBHA00M [d]	9061A-RLBCA00M [a] [b] [c]
Receiving unit M ACRM15	OQA-RMCEA00M [d]	9061A-RMCEA00M [a] [b] [c]
Receiving unit HACRP8	OQA-RPDFA00M [d]	9061A-RPDFA00M [a] [b] [c]
Receiving unit MVRCAN	OQA-RNFLA00M [d]	9061A-RNFLA00M [a] [b] [c]
Receiving unit MVRL9E	OQA-RRLPA00M [d]	9061A-RRLPA00M [a] [b] [c]
Receiving unit DCRM24	OQA-RMGMA00M [d]	9061A-RMGMA00M [a] [b] [c]
Receiving unit ACRM5E	OQA-RMHN00M [d]	9061A-RMHNA00M [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.

d. Place the antenna of the receiving unit in a position that ensures a minimum separation distance of 20cm with all the people that can be in the working area.

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.

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 established 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), in Australia 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 established at one of the frequencies permitted by the USA, Canadian and Australian 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
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, Canadian and Australian markets.
Check on the technical data plate of the units in which markets the radio remote control can be used.