

Declaration of Conformity of the base station “RA-160”

Manufacturer / Applicant:	Radio Activity s.r.l.
Address:	Via De Notaris, 50 - 20128 Milano - Italy
Equipment Type:	Transmitter and receiver
Model:	RA-160
Frequency band:	145 – 174 MHz
Channel spacing:	12,5/20/25 KHz
Type of modulation:	PM/FM/GMSK/4FSK
Transmit RF power range:	1 W - 25 W conducted output
Duty cycle:	100%
Notified body numbers:	BZT-ETS 681: Eurofins Product Service GmbH
Product made in:	Italy

The product is conformed with the following directive:

Radio: ETSI EN 300 113-2 V1.4.2 (2009-11) ; ETSI EN 300 086-2 V1.3.1 (2010-06); ETSI TS 102 361 (Parts 1, 2 & 3) (2012-04) - ETSI DMR Standard

Electromagnetic compatibility : EN 301489-1 V1.8.1 (2008); EN 301489-5 V1.3.1 (2002) detailed in :

EMI (Radiated emissions) : CISPR22 ; RF Immunity : EN 61000-4-3 ; Electrostatic Discharge : EN61000-4-2 ; Power Supply fast transients EN61000-4-24 ; RF Common mode : EN61000-4-6

FCC: Rule parts 90; RSS-119 Issue (2011-06)

Safety : EN 60065 A1

The product is conformed to the Directive 1999-5-CE.



The product is conformed to the Directive 2002/95/CE - RoHs (“ro-has”). It doesn’t contain concentrations exceeding the permitted limits for the following substances:

- ∞ Lead (Pb)
- ∞ Mercury (Hg)
- ∞ Cadmium (Cd)
- ∞ Hexavalent chromium (Cr (VI))
- ∞ Polybrominated biphenyls (PBB)
- ∞ Polybrominated diphenyl ethers (PBDEs)

The use of this equipment may be subject to the specific authorization by the national authority responsible for spectrum management, and it should operate under the local government laws.

The manufacturer Radio Activity Srl:

Milano, 12/02/2013

A handwritten signature in black ink, appearing to read 'R. Marengon'.

Ing. Marengon Roberto,
Technical Director.

Radio Activity S.r.l.

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