

Declaration of conformity

to the essential requirements in
Directive 1999/5/EC

with reference to the following standards:

EN 300 086-2 V1.1.1, EN 301 489-1 V1.6.1, EN 301 178-2 V1..2.2, EN 300 720-2 V1.2.1,
EN 301 489-5 V1.3.1, EN 60 950-1:2001

where all the essential radio test suites have been carried out.

Manufacturer

NIROS Communications A/S
Hirsemarken 5
DK-3520 Farum
Denmark

Equipment

Function Analogue radio transceiver
Type **TRX 1012 XY NNN**
Maritime types **TRX 1012 C (EN 301 178-2), TRX 1012 DH (EN 300 720-2)**

XY	B	C	DL	DH
Frequency range (MHz)	68 – 88	146 – 174	403 - 445	430 – 470

NNN	Blank	200	125
Channel spacing	25 kHz	20 kHz	12.5 kHz

Modulation 16K0G3EJN, 16K0F3EJN (25 kHz)
14K0G3EJN, 14K0F3EJN (20 kHz)
8K5G3EJN, 8K5F3EJN (12.5 kHz)

Number of channels 100 simplex or semi duplex
RF power Step controllable 1 – 5W; IS 1-4W, 1-2W or 1-3.5W
Antenna Connector for external antenna
Temperature range $\pm 25^{\circ}\text{C}$ - $+55^{\circ}\text{C}$
Marking TRX 1012 XY NNN

Issued under the sole responsibility of NIROS Communications A/S
Farum, January 22nd 2010



Hans Ottosson
Managing Director

Licensing rules

This radio transceiver is subject to individual licensing rules. Permission to use specific channel spacing and parts of the frequency spectrum shall be obtained by the National Telecommunication Agency or equivalent authority.