



New RDS encoder model has been introduced in 2014. Compared to existing model, the PIRA32, the devices are compatible except for the differences listed in this document.

Among other, following differences exist between the models:

	PIRA32 	P132 
Year of introduction	2005	2014
Parts placement	THT	SMT
PCB dimensions	101 x 74 mm	135 x 73 mm
Power supply required	8-16 V DC, 200 mA	12 V DC, 500 mA
Communication plugs	RS-232	USB, Ethernet
Communication ports total	1	4 (2 physical, 2 logical)
Support for HTTP, SNTP, TCP, UDP and DHCP protocols	No	Yes
Addressing feature for ASCII command control	Yes	No
LCD display support (HD44780)	On I ² C bus using MCP23008 parallel port	Direct support
Output RDS level control	On-board trimmer	Software control
Pilot tone filter; pilot PLL	Analogue; DSP	DSP; DSP
EEPROM capacity	32 kB	64 kB
Output sampling frequency	361 kHz	592 kHz
Reference clock frequency	4.332 MHz	16.000 MHz

Note: The PIRA32 remains in production.