

## P275 FM Analyzer

The new P275 FM Broadcast Analyzer from Pira.cz is a stand-alone low-cost solution for FM broadcast analysis. It provides both FM modulation and MPX measurements through a switchable BNC input. The built-in LCD display and simple to use control interface allows users to measure and collect data on the go, without any need for a PC.



The P275 analyzer is an essential piece of equipment for all FM radio stations to ensure the best audio quality and compliance with basic technical broadcast standards. It may be used for fixed installation as well as for daily work in the field. Durability and RF immunity is assured by the laser machined aluminium case with internal steel frame. The front panel is protected by an acrylic layer.



### Features

- Stand-alone design, completely DSP based from IF to outputs
- Frequency range 76 to 108 MHz (from 64MHz with reduced sensitivity)
- Also accepts baseband MPX/RDS
- Compliant with CEPT/ERC REC 54-01 E and ITU-R SM.1268
- Built-in LCD display, USB and RS-232 interface
- Stereo decoder with stereo headphones audio output
- RDS/RBDS decoder
- Alarm logic or general purpose outputs
- Free firmware updates
- Fast boot time and easy operation

### Measurements

- Overall frequency deviation incl. histogram
- Modulation power (MPX power)
- Baseband spectrum, RF carrier spectrum
- Pilot deviation, RDS deviation
- Pilot-to-RDS phase difference
- FM carrier frequency offset
- Reception quality and signal strength
- Stereo balance meter
- MPX peak to peak voltage

### Specifications

Power supply:	5 V DC or 2x AA NiMH cells
CPU:	70 MIPS DSP
Signal Input:	50 Ohms on BNC connector
RF sensitivity:	4uV for 26dB S/N (70uV for full measurement)
Dimensions:	144 x 105 x 37mm
Weight:	400g (without batteries)
EMC standards:	EN 61326-1, EN 55011
PC interface:	Micro USB connector

**Now in stock in the UK for immediate delivery!**

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