

Code: DIGIAIR-PRO

## DVB-T SIGNAL METER DIGIAIR-PRO

Net: 286.79 EUR Gross: 286.79 EUR

The DIGIAIR-PRO meter has been designed and manufactured by engineers of Emitter company in Sweden. This company has many years experience in the production of measuring devices for terrestrial and satellite television systems.

The device has been designed to assist installers in adjusting TV antennas. It measures parameters of analog TV and digital DVB-T - COFDM signals, which is necessary for diagnosing antenna systems. The biggest advantage of this meter is the ability to measure bit error rate (BER) and modulation error ratio (MER) of digital signals. These parameters are critical for proper operation of systems using digitally modulated signals. The meter enables the user to define and store in its memory up to 5 lists, each grouping 6 channels or multiplexes. It can supply antenna preamplifiers (0/5/12/24V), and built-in cut-out fuse protects whole device from possible short circuits.



### SPECIFICATION

|                                            |                                                                                                                                                           |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency range:                           | 48 ... 860 MHz                                                                                                                                            |
| Input level:                               | 30 dB $\mu$ V ... 80 dB $\mu$ V                                                                                                                           |
| Attenuator:                                | -20 dB                                                                                                                                                    |
| Power voltage of the antenna preamplifier: | 0 V, 5 V, 12 V, 24 V DC                                                                                                                                   |
| Short-circuit protection:                  | ✓                                                                                                                                                         |
| Digital mode measurement:                  | <ul style="list-style-type: none"><li>• preBER</li><li>• postBER</li><li>• MER</li><li>• SNR</li><li>• Constellation diagram</li></ul>                    |
| Analog mode measurement:                   | <ul style="list-style-type: none"><li>• Signal level at dBuV</li><li>• 6 channels measurement</li><li>• Spectrum analysis</li><li>• Beep signal</li></ul> |
| Display:                                   | 128x64 px LCD                                                                                                                                             |
| Batteries:                                 | 8 x AA (1200 mAh)                                                                                                                                         |
| Estimated battery operation time:          | min. 2 hours                                                                                                                                              |
| Power supply:                              | 10 ... 15 V DC / 0.5 A (included), from batteries or via car adapter (included)                                                                           |
| Weight:                                    | 0.7 kg                                                                                                                                                    |
| Dimensions:                                | 190 x 110 x 50 mm                                                                                                                                         |
| Guarantee:                                 | 2 years                                                                                                                                                   |

### PRESENTATION

Bottom view:



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



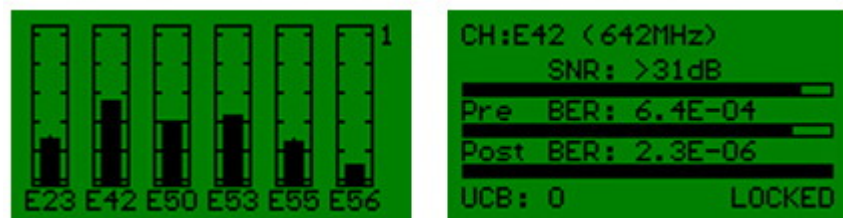
Rear view (batteries visible):



In the kit:



Display - measurements of analog signals (6 channels simultaneous) and digital signals (Pre-BER, Post-BER, SNR):



Display - signal spectrum analyzer and MER and constellation diagram:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

