

# WISI VS 50 PRO

Programmable filter amplifier, channel converter



## Description

The VS 50 PRO is a programmable terrestrial filter with an integrated amplifier. Four VHF/UHF antennas can be connected via four F connectors, and one additional F connector is available for insertion of FM. Also, 32 freely selectable channels can be programmed - a number that may be doubled to 64 by extending the channel bandwidth. Moreover, the received terrestrial channels can be relocated to any required frequency, hence the VS 50 PRO is usable as a channel converter, to relocate UHF channels to a lower frequency range. The high selectivity ensures a high signal quality of the converted channels. All settings are done by the control unit OH 41 (not included in the delivery scope).

## At a glance:

- 32 freely selectable channels (max. 64 by increasing the channel bandwidth)
- Very high selectivity of the filters
- Integrated AGC (Automatic Gain Control) to compensate level differences at the input
- Very high output level of 118 dB $\mu$ V
- Level indication of the received channels

# WISI VS 50 PRO

| Technical data                      |  |
|-------------------------------------|--|
| <b>Downstream</b>                   |  |
| Inputs                              | 5 pcs.   |
| Frequency range input 1             | FM: 88...108 MHz   |
| Frequency range input 2             | VHF: 174...240 MHz; UHF: 470...862 MHz                         |
| Frequency range input 3             | FM: 88...108 MHz; VHF: 174...240 MHz; UHF: 470...862 MHz       |
| Frequency range input 4             | VHF: 174...240 MHz; UHF: 470...862 MHz                         |
| Frequency range input 5             | VHF: 174...240 MHz; UHF: 470...862 MHz                         |
| Gain input 1                        | FM: 35 dB  |
| Gain inputs 2...5                   | VHF: >45 dB; UHF: >55 dB                                       |
| Output level                        | 118 dB $\mu$ V (6 DVB-T channels);<br>113 dB $\mu$ V IMA3 (FM) |
| Attenuator                          | 0...20 dB  |
| Interstage equalizer (Slope)        | 0...9 dB   |
| AGC control range                   | 0...20 dB  |
| Selectivity                         | 50 dB / 1 MHz  |
| MER                                 | VHF/UHF: 35 dB   |
| Output test point                   | -20 dB   |
| <b>Connectors</b>                   |  |
| F-female                            | 7 pcs.   |
| <b>General data</b>                 |  |
| Operating voltage DC                | 12 V DC  |
| Power consumption                   | 20 W   |
| Dimensions (width x height x depth) | 232 x 166 x 55 mm  |
| Weight                              | 0,8 kg   |
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| Sales unit                          | 1 pcs.   |
| Dimensions (WxHxD) sales unit       | 280 x 200 x 100 mm   |
| Packaging volume sales unit         | dm <sup>3</sup>  |
| Gross weight sales unit             | 0.98 kg  |
| Shipping unit                       | pcs.   |
| Dimensions (WxHxD) shipping unit    | mm   |
| Packaging volume shipping package   | dm <sup>3</sup>  |
| Gross weight shipping unit          | kg   |
| EAN                                 | 4010056754600  |
| Article number                      | 75460  |
| Customs tariff number               | 85437030   |