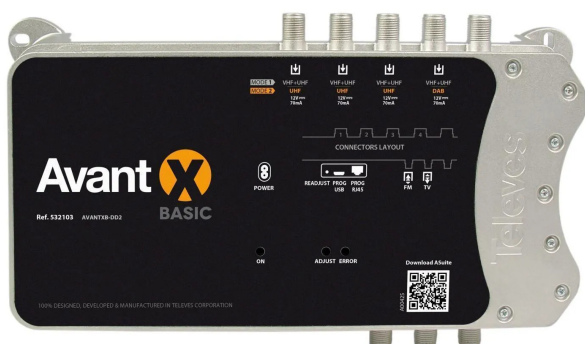


Item no.: 389447

AVANTXB-DD2 - AVANT X Basic, prog. Multi-range amplifier, FM, DAB,3xDVB-T

from **411,53 EUR**

Item no.: 389447
shipping weight: 1.00 kg
Manufacturer: Teledes



Product Description

Multiband amplifier, ideal for terrestrial and satellite single or shared installations, allowing the programming of up to 32 digital filters on 4 VHF+UHF inputs (DVB-T). The multiband amplifier is equipped with 5 inputs and can be configured with 2 distribution modes: FM-4xVHF/UHF or FM-DAB-3xUHF. It provides programmable gain and balance of the different RF inputs. Easy configuration and adjustment via the ASuite app for Android or Windows. The multiband amplifier recognises the LTE signals and sets the filter based on the LTE filtering at channel 48 (LTE700). Supports RED Highlights - Digital processing of terrestrial TV signals - Up to 32 individually programmable filters: digital filtering also for adjacent channels (1 to 4 channels) - Digital channel processing: frequency shift for output channels - Automatic signal adjustment for each filter (AGC): Manual adjustment of the output signal also possible - UHF/VHF digital filter with high selectivity: 30dB interference signal suppression (@ 1MHz) - SAW filter (Surface Acoustic Wave) against LTE interference, with best selectivity and stability - Compatible with DVB-T and DVB-T2 - TForce technology: So that the terrestrial signal level is always stable and set to the optimum value - Storage of multiple configurations for cloning different Avant X - Cast housing with very good shielding properties - Lightweight and compact multiband amplifier with a wide range of functions (225x120x55mm) - Very easy configuration with the ASuite application for Android or Windows Features - Inputs configurable in 2 modes: 4 inputs support VHF/UHF, or one of the inputs is for DAB and the remaining 3 for UHF - Automatic adjustment according to the programmed output level and equalisation - High output power - Filter configuration: No restrictions - Power supply for preamplifiers or BOSS antennas - LED status indicator for device and signal - Easy to replace power supply Good to know Avant X: It will exceed your expectations The Avant X is a programmable multi-range amplifier whose main function is to amplify and equalise various RF inputs. - VHF+UHF inputs: The channels at these inputs can be filtered and equalised using a maximum of 32 digital filters. Each filter can be set to one of the VHF+UHF channels and the bandwidth ranges from 1 to 4 channels. The arrangement of the 32 filters is configurable depending on the number of channels at each VHF+UHF input. Compatible with DVB-T and DVB-T2. The output level can be set between 90-115dB μ V for the version with 1 output (BASIC and PRO) and between 86-111dB μ V for the version with 2 outputs (BASIC SAT and PRO SAT). In addition, equalisation of up to 5 dB can be configured at the output. - FM input: can be activated or not. If this input is activated, it is amplified and the output level is 10 dB below the UHF channel (equalisation is taken into account). - SAT input: An attenuation of between 0 and 30 dB and an equalisation of between 0 and 15 dB can be assigned to the satellite input. The LNB can be supplied with power via a receiver (REMOTE). Simply select the programming mode... The amplifier can be programmed using three options: - ASuite app for PC/Mac or tablet/Android smartphones via a USB connection (OTG cable included): The amplifier parameters are configured in a user-friendly and intuitive environment. A configuration can be defined and saved, even if there is no connection to the amplifier, so that it can be restored later during installation and adjustment. In the PRO versions, the app allows the monitoring of qualitative parameters of the channels and the creation of an installation report with the configuration carried out. - Universal programmer (Ref. 7234): The amplifier is compatible with the programming unit, ensuring backwards compatibility. - Automatic programming via the amplifier's "AUTO-PROGRAMMING" button (long press): Using a tuner that recognises the DVB-T/T2 channels for the UHF and VHF inputs, this option allows the amplifier to automatically programme the filters and set the appropriate level to avoid intermodulation. Pressing the "READJUST" button (short press) resets the amplifier to the stored configuration values. After setting the amplifier, manual fine adjustments can be made and the gain of the UHF+VHF and FM filters can be easily corrected. Number of inputs 5 Number of outputs 1 Frequency band VHF DAB UHF Frequency range MHz 87 ... 108 174 ... 230 470 ... 694 Number of filters -- 1 31 Channels per filter -- -- 1 ... 4 Gain dB 29 75 75 Gain adjustment dB 0 ... 25 AGC AGC Manual control after automatic adjustment dB -5 ... 5 -5 ... 5 -3 ... 3 Skew adjustment dB -- -- 0 ... 5 Input level dB μ V 76 ... 101 40 ... 100 40 ... 100 Output voltage DIN45004B dB μ V 122 122 122 Output voltage EN50083 dB μ V 126 126 Programmable output level dB μ V 80 ... 105 87 ... 112 90 ... 115 Noise level dB 7 6 Selectivity dB > 20 > 65 > 65 Power supply inputs Vdc - 12 12 Max. Max. current inputs mA -- 70 -- Input voltage Vac 220 ... 230 Mains frequency 50 Hz / 60 Hz Max. Current consumption mA 130 Max. Power consumption W 14 Protection index (IP) 20 Operating temperature $^{\circ}$ C -5 ... 45

Specifications

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prices and availability

