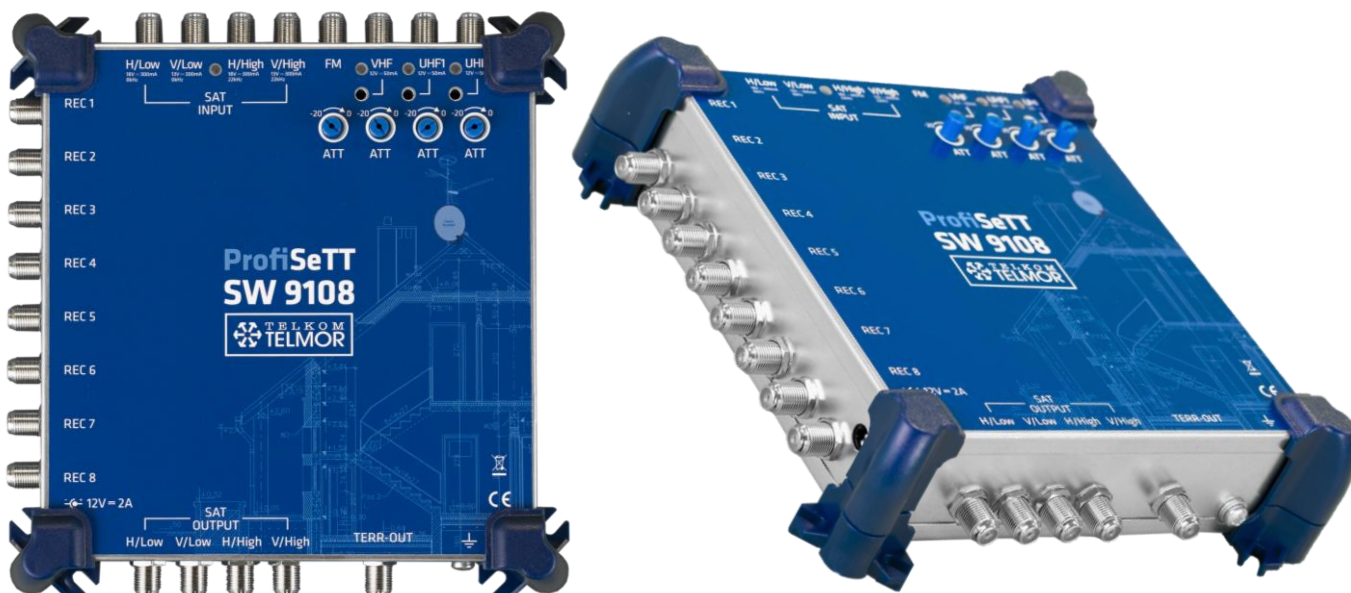


SW 9108

DVB-T2



**SW-9108** is a solution that integrates the channel amplifier and legacy multiswitch in one housing. This allows to optimize installation costs and reduces the space requirement in the RTV-SAT distribution box. The device is dedicated to RTV-SAT installations in single-family houses.

**SW-9108** is fully compatible with DVB-S2 / S2X and DVB-T / T2 standards. The device can provide a signal for eight single-head satellite receivers or four SAT PVR receivers, and DVB-T / T2 signal for terrestrial receivers.

The product allows to independently adjust the levels of the received RTV bandwidth signals (UHF, VHF, FM). DVB-T / T2 signal prepared in this way is added to the satellite signal using the built-in 5/8 multiswitch. At the output of the device, we get eight complete RTV-SAT signals, ready for distribution in a star topology installation. In RTV-SAT installation with SW-9108 (as in all multiswitch installations), the use of RTV-SAT end sockets is required.

**SW-9108** can provide 12V to its inputs (switched on/off from the device's panel) in case of necessity to use preamplifiers in UHF terrestrial antennas.

Both Quatro and Quad LNBS can be used to connect the satellite signal.

**SW-9108** will be the perfect solution for most professional installations in single-family homes. The output signal can be passively distributed even over very long distances. Thanks to the pass-through connectors, it is possible to connect the signal for another 5 / x type multiswitch (we recommend the TT 5/8 or 5/16 PREMU series).

The use of passive antennas of the TurboT 20, 30, V, V3, ASR or DiGiT series for receiving terrestrial signals is recommended.

For professional installations based on **ProfiSETT** projects the SW-9108 amplifier is the recommended product. The ProfiSETT product line is a quality guarantee for SMATV installations.

We recommend using multi-range channel amplifiers, **WWK Alpha +** type in the event of a significant difference in the levels of received signals.

## Key features and functionalities

- UHF, VHF, FM bandwidth amplifier integrated with multiswitch
- Dual UHF input for installations requiring signal reception from different directions
- UHF - 25dB, VHF - 15dB, FM - 10 dB gain
- Quad or Quatro LNB can be connected
- 5G Protected technology
- Smooth gain adjustment for all TERR inputs
- Pass-through connectors for connecting an additional multiswitch
- Power supply of active VHF and UHF antennas - 12V/50mA
- High isolation between inputs
- Professional F connectors
- High level of shielding
- ProfiSETT line product

## TECHNICAL PARAMETERS

NAME/PARAMETERS		SW-9108			
Bandwidth	/	FM	VHF	UHF1, UHF2	SAT
Operating frequency range	MHz	87-112	170-240	470-694	950-2150
REC outputs gain	dB	15	15	25	-2..6
Pass-through gain	dB	0	0	5	-1..-3
Gain adjustment	dB	20	20	20	-
Separation between inputs	dB			>20	>30
Inputs return loss	dB	>10	>10	>10	>10
REC outputs + pass-through return loss	dB	>10			
Noise figure (REC)	dB	<17	<10	<12	-
Max output level on REC outputs IMD3=60dB for RF, IMD3=35 for IF	dBμV	>95	>95	>95	>94
Voltage / max current consumption on inputs	V/mA	-	12V/50		13 i 18 / 300
Working temperature	°C	0..+50			
Power supply	VDC	12V/350			
Product dimension	mm	195 x 185 x 50			
Net weight	kg	0,3			
Package	/	Carton box			

*Technical parameters are subject to change without prior notice.*