



5 cable dSCR system Multiswitch programmer

The PC102W - single cable multiswitch programmer is useful instrument while configuring and troubleshooting SAT IF distribution system built on dSCR multiswitches based on new digital channel stacking components. The application software “dSCRmaster” for Windows operating system PCs allows simply change parameters of the multiswitch: operating mode (static or dynamic), frequency plan for static mode, frequency and bandwidth of user bands for dynamic mode, output power level of each user band carrier and etc. Service mode of the multiswitch could be switched on for quick finding the problem during installation work. In an internal memory four different configuration files can be stored (prepared on the PC) and send to the multiswitch by pressing dedicated buttons on the PC102W. The programmer can feed DC power for the multiswitch using the external AC/DC power supply and allows parallel connection to a PC over USB cable. The remote Wi-Fi access allows to modify parameters of dSCR multiswitch from any device (tablet, smartphone, laptop, PC) using web browser. The PC102W, wirelessly connected to the Wi-Fi access point, can be used for remote control and monitoring of the multiswitch. The programmer is supplied with an external AC/DC power supply and a USB cable. An application software “dSCRmaster” is available from the Web.

- store and upload up to 4 users selectable configurations
- no PC required for configuration uploading
- free PC application software for creating new configurations
- Web & remote control through Wi-Fi access
- LED status indicator
- die-cast housing inside plastic case
- connectors:
 - RF ports & DC input - type F
 - PC connection - micro USB

CABRIOLINE



Technical specifications		PC102W
TYPE		
Ordering number		02785
Frequency range		DC +22 kHz, 47-2400 MHz
RF through loss		< 1.5 dB
Multiswitch powering/control		14/18 V & 600 mA max. EN50494/EN50607/DiSEqC 2.0
Supply voltage		18 - 20 V
Current consumption		5 V 200 mA (from USB port) 20 V 50 mA* (from power supply)
Operating temperature range		0° ÷ + 50° C
Dimensions/Weight (packed)		133x73x39 mm/0.36 kg

* without external DC feeding; power supply included in scope of delivery

The screenshot displays the dSCRmaster web interface with several panels:

- Main menu:** Main, Settings, Status, Set default parameters, Firmware upgrade, Restart the device.
- Configuration:**
 - Input parameters: Total satellites (1), LNB type (QUATRO), LNB LO frequency low (9750), LNB LO frequency high (10600).
 - Configuration table with columns: No, Type, Output frequency, Bandwidth, Level, dB, PIN, EN50494 UB 1, EN50494 UB 2, EN50607.
- IP parameters:** Mode (Access point), SSID (PC102W), WEP key (*****), IP address (192.168.3.1), HTTP server port (80).
- Device parameters:** DSCR power (ENABLED).
- Device information:** Device model (PC102W), Serial number (PC102W0016470146), Software version (1.1), Hardware version (1.2), MAC address (00 1C A3 00 29 55), IP address (192.168.3.1), Up time (0:00:23).
- DC parameters:** Power voltage (20.0), Input voltage (17.6), Output voltage (17.6), Load current (0.280).
- SAT A DSCR device information:** Model (SRM521), Serial number (SRM5210016490204), Software version (1.4), Hardware version (1.2), Up time (0:00:11).
- SAT A total input power:** Vertical LO (52), Horizontal LO (48), Vertical HI (50), Horizontal HI (50).