

SPECTRON 7 - USER MANUAL



Buttons, design and operation:

1. Arrow keys, used for changing values and moving the selector.
2. ENTER Button used to confirm selection/parameters.
3. TAB Button used to scroll through options.
4. PGUP Button is used to move selector up when moving with arrow keys is not possible.
5. PGDN Button is used to move selector down when moving with arrow keys is not possible.
5. ESC Button is used to go back to previous menu/submenu.
6. Turns backlight of the display ON/OFF.
7. Used to edit values and functions.
8. Used to show all the values of the selected channel.
9. Press once to turn off the device.
10. Press and hold to turn on the device.

Operational Menu of the device:

1. Measurement (Under this menu all possible measurement types are listed)
 - 1.1. Measurement Channel
 - 1.1.1. Single Channel
 - Used to measure and adjust specific MHz value from the range 45 ÷ 870MHz.
 - 1.1.2. CATV Channel
 - Used to measure and adjust specific channel from 001 to 128. With the button you can scroll through B/G audio, V/A (B/G) and C/N in order to adjust their parameters. Signal to noise ratio can also be adjusted from the respective menu.
 - 1.1.3. SCAN CATV
 - This function scans and writes in series all channels which are programmed in the related frequency plan.
 - 1.1.4. Flatness
 - Scans the selected frequency plan and calculates the differences in the video level carriers of the selected video channel.
 - 1.2. Measure Amplifier
 - Used for adjustment of the frequency characteristics of two channels from the frequency plan.
 - 1.2.1. Slope
 - 1.2.2. Flatness
 - 1.3. Reverse Path (UP Stream)
 - 1.3.1. Measure Rev. Path.
 - 1.3.1.1. Measure Pilot Gen.
 - 1.3.1.2. Single Rev. Channel
 - 1.3.2. Setup rev. measure
 - 1.4. RPG-570C link
2. PC Connection
3. Channel Plan (Various features and options used for adjustment of a channel plan)
 - 3.1. Build
 - 3.1.1. Standard
 - 3.1.2. Audio
 - 3.2. Edit
 - 3.2.1. Freq.
 - 3.2.2. Audio
 - 3.2.3. Status
4. Instrument Setup
 - 4.1. Language (Used to change language between English and Bulgarian, default language is English).
 - 4.2. Backlite (Turns OFF/ON display backlite. Backlite will turn off after few seconds of inactivity.
Can easily be reactivated from the button.)
 - 4.3. Beep mode (Enables/Disables audio tone when pressing keys.)
 - 4.4. Auto power off (Enables/Disables power off of the device when inactive.)
 - 4.5. RPG-570C link (adjust the link frequency)
 - 4.6. C/N measurement (adjustment of the offset)