

## FXT-429 - ARINC 429 channel tester

### Description

Portable device Tester FXT-429 is intended for:

- transmitting and issuing and receiving information in the format of a bipolar serial code;
- generate pulses of the output differential signal with the specified parameters;
- control the time characteristics and levels of the input differential signal.

### Main technical characteristics:

Parameter name	Values
Number of WPC transmitters	8
Number of WPC receivers	8
Receive/output speeds (program selection for each channel)	12.5 kHz/50 kHz/100 kHz
Voltage levels of output signals	according to ARINC 429

### Basic functionality:

- Cyclic or one-time output of a frame size from 1 to 256 words
- Format for entering and viewing tables of accepted / issued words: binary, decimal, octal, or hexadecimal
- Mode for converting parameters to a decimal value according to the specified rules (displaying real physical parameters)
- Measuring the interval for receiving words with the specified parameter address
- Generation of pulses of the output differential signal with the specified parameters (change of the amplitude, period of repetition, duration of the front, pulse duration)
- Displaying a time chart of the received signal
- Monitoring the input differential signal levels
- Determining the time characteristics of the input signal
- Loading output frames from an external disk
- Write the received frames to an external disk
- Ability to manage it from a personal or remote computer

