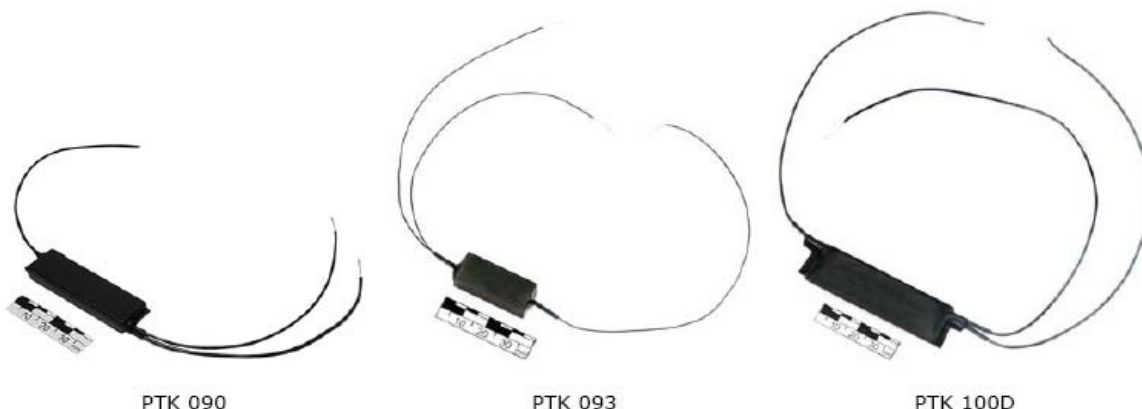


## Telephone Line Monitoring and Transmission via Radio Control (4011)



The transmitter is designed in a rectangular metal case with flexible antenna and with leads for connection to a telephone line. PTK 100D includes spectrum inversion encryption function which protects the transmitted data from interception and deciphering. The product is connected serially in the break of one of the wires of an urban telephone line in any point and with any polarity. The product is switched automatically in the transmission mode as soon as the handset is picked up. Unless the handset is picked up the product stays in the standby mode, the transmitter is switched Off. As soon as the unit is powered from the telephone line the time of its operation is practically unlimited. Connection of the unit to the telephone line does not cause any effect on the line. Transmitted intelligence is received with the use of special WFM receivers produced by Shield or other companies. Transmitted intelligence encoded with Delta Modulation encryption method is received and decoded with the use of PRK045 or ICOM R5D special receiver.

### SPECIFICATIONS:

	PTK 090	PTK 093	PTK 100D
Operating frequency	416.5 – 423.5 MHz		
Modulation	WFM	WFM	GMSK
Frequency control	crystal		
Output power	7 mW	7 mW	15 mW
Voltage drop	-	No more 6.5 V	No more 6.5 V
Phone line connection	Parallel	Serial	Serial
Power supply	Telephone line		
Dimensions	51 x 15 x 7 mm	30 x 12 x 9 mm	72 x 22 x 5 mm

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