

## 220 V Wire Transmitter-Receiver System (4009)



KPL-S Transmitter

KPL-SD Transmitter

KPL-S and KPL-SD Receiver

The system is rated for room monitoring and intelligence transfer on subcarrier frequencies via 220 V, 50 Hz AC Mains.

- KPL-S – analog channel;
- KPL-SD – digital encryption “Delta Modulation” method.

### Complete set:

1. KPL-S/KPL-SD transmitter.
2. KPL-S/KPL-SD receiver.

Intelligence transmitters are designed as unpacked modules with external microphone and AC 220 V mains connection leads. The transmitter is connected parallel to 220 V mains in any point with any polarity.

Intelligence receivers are represented as a separate module in a metal case with leads for connection to the mains, earphone and recorder line-outs and external power supply socket. Volume control, tuning knob and On/Off switch are located on the front panel of the receiver.

### SPECIFICATIONS:

	KPL-S	KPL-SD
	<b>Transmitter</b>	
Operating frequency	1.6 – 2.4 MHz	
Modulation	FM	GMSK
Current consumption (at 220 V)	No more 15 mA	No more 20 mA
Output voltage	No less 200 mV	
Power supply	220 V, 50 Hz	
Dimensions	45 x 25 x 13 mm	65 x 25 x 10 mm
	<b>Receiver</b>	
Tuning range	1.6 – 2.4 MHz	
Modulation of the received signal	FM	GMSK
Sensitivity (at signal/noise 10 dB)	No less 10 $\mu$ V	
Power supply:		
- internal	4 x 1.5 V AAA	
- external	6 V DC 40 mA	
Dimensions	130 x 67 x 20 mm	

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