



ELECTRO MAGNETIC TEST, INC.

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OPERATIONAL DESCRIPTION



Y-RE20 / Y-RF21 : Product Description

Purpose:	Y-RE20 / Y-RF21 is a wireless keyboard, identical to current mice, with the added convenience of being free of cable. The system uses the 27 MHz ISM band. The transmitter implement a low power mode for batteries saving.
System:	This wireless keyboard (Y-RE20 / Y-RF21) works with the C-BD9-DUAL or all compatible receiver.
Radio transmission:	Mono directional, from keyboard to computer only.
Number of channels:	2
Carrier frequencies:	27.095 MHz. 27.145 MHz
Modulation:	FSK
Data Rate:	2400 bit/s.
Transmission range:	2m typical, free space.
Power Consumption:	25 mW typical when key pressed.
Effective radiated power:	400nW typical.
Antenna:	Inductive loop of 60 cm ² , integrated in the keyboard case.

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