



ONE SWITCH HIGH SECURITY RADIO TRANSMITTER KEY TX-HOP-1

Farnell Order Code: 447-638

DESCRIPTION

The TX-HOP-1 is a single channel, one switch radio transmitter key which transmits a grab and scan proof digital code. The transmitter is supplied with battery and case. The transmitter key comes pre-programmed with a unique code from over 16 million possible combinations. The on-board custom-programmed microcontroller generates a different code every time the key is used.

A low power LED indicates code transmission and the correct insertion of the battery. The radio transmitter key incorporates an acoustic saw resonator which ensures correct frequency locking and so eliminates any field tuning. The radio transmitter key is approved by DTI and does not require the user to have a radio operating licence.

System Boards: TX-HOP-1 is designed to operate with the following RF receiver/decoder boards:

<u>Description</u>	<u>Farnell order code</u>
RFE1-HOP-3, decoder with three output relays.	447-651
SM-REC-HOP, decoder with three IC outputs.	447-663

Note: This transmitter only activates relay 2 on RFE1-HOP-3.

Technical Data:

Dimensions:	L=49mm, W=34mm, H=14mm(exc strap).
Supply Voltage:	12 volts DC, (GP23A battery)
Current consumption:	8.5 mA when transmitting.
Output Power:	0.25 mW.
Frequency:	418 MHz.
Data Channels:	One.
Operating Temp:	0 to +60 degree centigrade.
Transmission Range:	30 meters.
Licence information:	DTI Approved to MPT1340.

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