



MCUS™

MULTI-FUNCTION

Control Unit

4 relay dry contact output with 220 VAC. | Very low stand-by current enables many hours of battery backup time. | Automatic local indications of low battery and battery fault conditions | PC utility program for easy field parameters programming | Compact size

In General:

The Multi-Function Control Unit MCUS™, receives encoded messages from a transmitter or Central Control Station. Upon receiving the appropriate transmission, the MCUS™ decodes the message, validates it, and activates or de-activates up to four connected peripheral devices attached to its relays. MCUS™ MULTIPLE CONTROL UNIT The utilisation of advanced state-of-the-art technology makes the MCUS™ a reliable and compact unit that can be easily and neatly installed anywhere.

The MCUS™ is powered by a 12 volt DC. KP SYSTEMS LTD ELECTRONIC Message Reception Reliability is ensured by a sophisticated digital code and a built-in high-performance receiver. The MCUS™ is a small reliable and low-cost unit, that provides faultless reception and control. Its ability to operate any peripheral device and its easy installation, makes it the perfect solution for simple control application.

MCUS™

MUTLI-FUNCTION

Alarm Transmitter

Product Specifications

GENERAL

Power Supply	10-15 VDC
Standby Current	25mA
Operating Temp.	-30°C to 60°C (-22°F to 140°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)

RF RECEIVER

Frequency	VHF: 136-174 MHz UHF: 430-470 MHz
Modulation	FM, FSK and PWM, 2-FSK
Frequency Stability	VHF: ±2.5 ppm for 6.25 KHz UHF: ±1.5 ppm for 12.5 KHz, ±0.5 ppm for 6.25 KHz
Output Impedance	50Ω OHM-UHF connector
Sensitivity	0.3μ V, -116DBM (120DB SINAD)

PROTOCOLS

Encoding	LARS II, LARS, LARS I, LARS II, KP Meganet
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Ordering Information

Part Number	Description
MCUS	VHF Band 136-174 MHz, 12.5 KHz, Fitted with Base, Cover
MCUSU	UHF Band 430-470.275 MHz, 12.5 KHz, Fitted with Base, Cover
MCUSB	VHF Band 136-174 MHz, 12.5 KHz, Housed + Antenna
MCUSUB	UHF Band 430-470.275 MHz, 12.5 KHz, Housed + Antenna