

New **MAT**TM

Family of Long

Range Alarm

Transmitters

New family of superior long range transmitters:

MAT | MATU | MATC | VHF | UHF |
CELLULAR | MATS | MATSU | MATR



MAT MATU MATC MATR MATOR MATRC

Reviving the well-known “work horse” from the nineties, KP brought back to life the MAT family, offering proven reliability and advanced features at a competitive price.

MATLSB MATULS MATCLS MATS MATSU MATSB

The MAT family includes various combinations, such as VHF/UHF and Cellular transmission options, multiple alarm panel compatibility, and different housing offerings (Metal or Plastic) or “stripped down” PCB only.

MAT

*4 input general purpose
VHF alarm transmitter*

MATU

*4 input general purpose
UHF alarm transmitter*



MATC

*4 input general purpose
Cellular transmitter*



MAT, the new mini alarm transmitter, has 4 inputs, and 5 watt output on VHF, 3 watt output on UHF. It is KP's latest development, featuring all SMD design, and a cost effective solution for the demanding alarm monitoring market.

The MATC, the mini GPRS alarm transmitter, offers 4 inputs, as well as full Contact ID transmission capabilities. Small yet powerful, it is an ideal solution that can be connected to any alarm panel available in the market.

MATR

Risco™ LightSYS™
ready module
VHF transmitter

MATUR

Risco™ LightSYS™
ready module
UHF transmitter



MATRC

Risco™ LightSYS™
ready module
Cellular transmitter

MATR, the new Mini Alarm Transmitter, has 4 inputs and 5 watt output on VHF, 3 watt output on UHF. It was specially designed to directly connect with Risco™ LightSYS™ alarm panel. It is carefully designed to be installed either in Risco™ plastic enclosure for UHF frequencies or inside KP metallic robust housing for VHF frequencies.

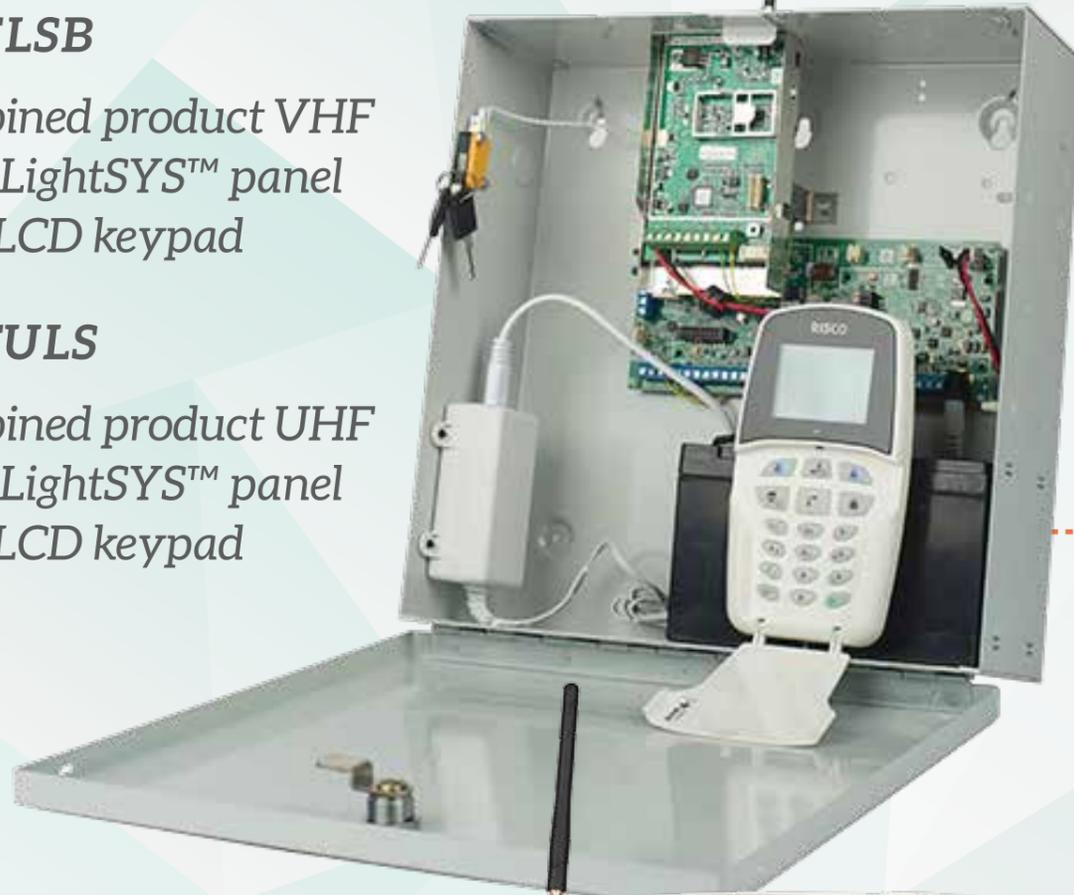
MATRC, the new mini GPRS alarm transmitter module, has 4 inputs. It was specially designed to directly connect with Risco™ LightSYS™ alarm panel.

MATLSB

Combined product VHF TX & LightSYS™ panel with LCD keypad

MATULS

Combined product UHF TX & LightSYS™ panel with LCD keypad



A superb solution for the residential and small commercial market. Housed in a robust metallic box for extended transmission range, the MATLSB is a combination of KP's newest MATR transmitter and Risco™ LightSYS™ alarm panel. A winning solution at an excellent price.

MATCLS

Combined product Cellular TX & LightSYS™ panel with LCD keypad



KP's MATRC GPRS transmitter and Risco™ LightSYS™ alarm panel both housed in a specially designed plastic enclosure. LCD keypad allows programming of KP's GPRS transmitter as well as programming of the alarm panel.

MATS

Cost effective VHF alarm transmitter with built-in charger board

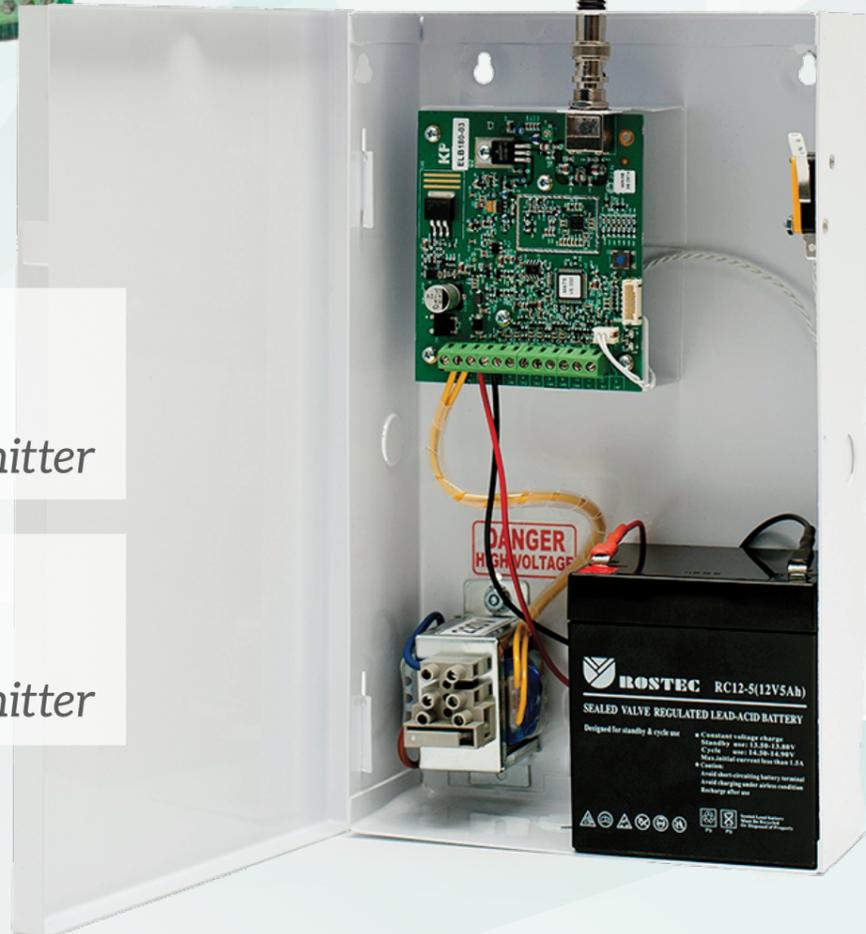
MATSU

Cost effective UHF alarm transmitter with built-in charger board



MATSB
Housed VHF alarm transmitter

MATSUB
Housed UHF alarm transmitter



MATS / MATSU 7 input transmitter in VHF or UHF, offers a compact, powerful and cost effective solution for demanding markets seeking KP quality at unmatched price.

Housed in a metal box including tamper, antenna, AC transformer and battery compartment.

	Inputs	Output Power	LightSYS™ Bus Ready	DI Ready
MAT	4	5	X	✓
MATU	4	3	X	✓
MATC	4	Cellular	X	✓
MATR	4	5	✓	X
MATUR	4	3	✓	X
MATRC	4	Cellular	✓	X
MATLSB	4	5	✓	X
MATULS	4	3	✓	X
MATCLS	4	Cellular	✓	X
MATS	6 (+1 Tamper)	5	X	✓
MATSU	6 (+1 Tamper)	3	X	✓

Options of how to order the MAT from the factory:

MAT	VHF 4 Input 5 watt Alarm Transmitter
MATU	UHF 4 Input 3 watt Alarm Transmitter
MATC	Cellular GPRS 4 Input Alarm Transmitter
MATR	VHF 4 Input 5 watt Alarm Transmitter Module ready for Risco™ LightSYS™ panel integration
MATUR	UHF 4 Input 3 watt Alarm Transmitter Module ready for Risco™ LightSYS™ panel integration
MATRC	Cellular GPRS 4 Input Alarm Transmitter Module ready for Risco™ LightSYS™ panel integration
MATLSB	Combined and integrated in a metal housing, 8 zone alarm panel (Risco™ LightSYS™) and MAT VHF transmitter
MATULS	Combined and integrated in a plastic housing, 8 zone alarm panel (Risco™ LightSYS™) and MAT UHF transmitter
MATCLS	Combined and integrated in a plastic housing, 8 zone alarm panel (Risco™ LightSYS™) and MAT cellular GPRS transmitter
MATS	Cost effective 7 input VHF alarm transmitter with built in battery charger - electronic board only
MATSB	Housed Cost effective 7 input VHF alarm transmitter with built in battery charger
MATSU	Cost effective 7 input UHF alarm transmitter with on board battery charger - electronic board only
MATSUB	Housed Cost effective 7 input UHF alarm transmitter with on board battery charger

Specifications

GENERAL

Operating Voltage	10÷15 VDC
Transmission Current	1A max (from battery)
STBY Current	0.1A max
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

PHYSICAL DIMENSIONS (H) x (W) x (L)

Standard	122 x 79 x 28 mm (4.8" x 3.1" x 1.1")
"R" option	127 x 72 x 24 mm (5" x 2.8" x 0.9")
"RL" option (housed)	290 x 301 x 100 mm (11.4" x 11.8" x 3.9")
"SB" option	179 x 301 x 80 mm (7" x 11.8" x 3")

WEIGHT

Standard	225 gr (0.5 lbs)
"R" option	125 gr (0.28 lbs)
"RL" option (plastic)	1.5 kg (3.3 lbs)
"RLM" option (metal)	3.5 kg (7.7 lbs)
"SB" option	2 kg (4.4 lbs)

RF

Protocols	KP LARS™, KP LARSI™, KP LARSII™ (full Contact ID™)
Power Output	5 Watt VHF units; 3 Watt UHF units; 2 Watt Cellular
Frequency	VHF - 136-174MHz / UHF - 400-500MHz / CELLULAR - 900, 1200, 1,400, 1800MHz /
Antenna Connector	BNC for VHF or SMA female for UHF & Cellular



It is simply a
MATter
of choice



WIRELESSDATASOLUTIONS

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