

# Positrex)))

Tracking What Moves

## GC077

# CompactTracker

COMPACT GPS TRACKING DEVICE FOR LONG-TERM MONITORING, INDUCTIVE, USB OR CABLE CHARGING OPTIONS

### USAGE AND CHARACTERISTICS

- » For the tracking and security of motorcycles, vehicles, parcels, luggage etc.
- » Location and tracking at preselected time interval
- » Monitoring of temperature, vibration and tilt
- » G-shock warning
- » Monitoring of analogue input values and binary input state - on/off
- » Compact design and dimensions
- » Waterproof and robust
- » Charging by cable, USB connector or inductive charging
- » Battery life up to 12 months



### MEASURES AND TRANSMITS

- » GPS & GSM positioning
- » Speed and direction of movement
- » G-shock detection
- » Temperature
- » Altitude
- » Tilting – motorcycle or bike falling detection
- » Battery voltage and status
- » Output voltage of analogue input
- » Output voltage & status for binary input
- » Driver behavior evaluation
- » Vibration histogram



### TYPES AVAILABLE

TYPE	GSM	GPS	BATTERY	CHARGING	INPUTS
GC 077 058	2G/3G	✓	1 500 mAh	cable	1 x analog / 1 x binary
GC 077 068	2G/3G	✓	1 500 mAh	inductive	x
GC 077 202	2G	x	1 500 mAh	cable	x
GC 077 218	2G	✓	1 500 mAh	CL connector	x
GC 077 248	2G	✓	1 500 mAh	USB connector	x
GC 077 250	2G	✓	x	x	1 x analog / 1 x binary
GC 077 258	2G	✓	1 500 mAh	cable	1 x analog / 1 x binary
GC 077 268	2G	✓	1 500 mAh	inductive	x

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LONG-TERM MONITORING, WITH  
INDUCTIVE, USB OR CABLE CHARGING  
OPTION

## ACCESSORIES

<b>SA 095 077</b>	USB charger 2A (incl. cable and inductive charging pad)
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## TECHNICAL PARAMETERS

<b>GSM</b>	QuadBand 2G – 3G	850/900/1800/1900 MHz – 850/900/1800/1900/2100 MHz
	SIM	Micro Sim, Plug-in 1.8 V
	Types of communication	Calling, SMS, GSM Data, GPRS
	Calls	Alarm call
	SMS	Alarm&Info SMS; SMS commands, requests, SMS configuration
	GPRS internet connectivity	Class 12/static & dynamic IP VPN, UDP protocol / 128bit security encryption key / FW upgrade, configuration settings, on-line value reading, report memory reading
<b>GNSS</b>	GPS and Glonass ***	66 satellites
<b>ANTENNAS</b>	GPS ***, GSM	Internal
<b>BATTERIES*</b>	Type and Capacity	Lilon 1 500 mAh rechargeable
<b>CONSUMPTION</b>	Standby	7 mAh a day
	Sending of GPS position to server ***	0.6 mAh single shot
<b>INPUTS</b>	Charging by cable*	Charging 8-35 V / max. 0.5 A@8 V
	Inductive charging**	USB charger 2A with cable and inductive charging pad – see accessories
	USB micro-internal	Charging* / report memory reading / configuration / FW upgrade
	Analog*	Analog value 0-30 V
	Binary*	Binary value (log0 = 0-4V, Log1 = 5-30V)
<b>SENSORS</b>	3 dimensions G sensor	Movement detection / tilt detection / G-shock detection
	Other sensors	Temperature
<b>INTERNAL MEMORY</b>	Flash 512 kB	Capacity 5 000 events or GPS positions
<b>DIMENSIONS</b>	Plastic box	50 x 90 x 20 mm
<b>TEMPERATURE RANGE</b>	Lilon rechargeable batteries	-20 °C up to +60 °C, charging 0 °C up to +60 °C
	Without battery	-25 °C up to +80 °C
<b>PROTECTION CLASS</b>	IP65 / IP68**	Waterproof / Watertight**
<b>WEIGHT</b>	With batteries	50 g

\* For types with cable only

\*\* For types with inductive charging only

\*\*\* Is not valid for GC 077 202

## BATTERY LIFE FOR PRESELECTED TRACKING MODE



Expected conditions:

- > GPS and GSM signals have no significant obstacles
- > Temperature in range from 15°C up to 25°C
- > Valid for units with battery only



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