

GD-93A M-Bus transmitter configured for use with Landis and Gyr T230 heatmeter(s)

Easy to use customised data loggers

The GD-93A transmitter with M-Bus interface is part of the Eltek GenII family of transmitters.

When used with the Landis+Gyr T230 heatmeter, the GD-93A provides precise heatmeter and additional values. The combination offers significantly higher resolution than other instruments making the combination ideal for study and research purposes. Up to 3 x T230 heatmeters can be connected to the GD-93A simultaneously.

Key Features

For use with the following Eltek products:

- GenII – Telemetry monitoring system
- RC250 – Telemetry receiver system

Parameters measured from the sensors are:

- Power (watt hours)
- Flow temperature (°C)
- Return temperature (°C)
- Volume (litres)

GD-93A specification

Frequency:	Default is 434.225Mhz (other frequencies are available)
Tx compliance:	To EN300 220 -1
Tx output power:	10mW ERP
Useable Tx interval:	60 seconds to 4 hours
Environment:	Indoor only, rated IP40
Temperature Range:	-10 to +55°C compliant to EN300 220-1, operational -30 to +60°C
Humidity:	95% non condensing
Size:	85 x 78 x 42mm (excluding 75mm antenna)
Weight:	250g
Connection strip:	8 x miniature pitch rising cage connector (included)
Antenna:	Supplied compressed spring, L=75mm, Gain -3db
Antenna connector:	SMA
Fixing:	WBG wall fixing bracket (optional)

Powering the transmitter

The GD-93A is installed with a 4 x AA alkaline battery pack. This is strictly for use during transmitter configuration and as a battery backup should the main power supply fail during normal operation.

There are two ways to power the unit in the field:

- Using batteries - a suitable battery pack from Eltek is type SP1196. This 9V pack comprises 6 x welded D cells and has a nominal capacity of 15Ah, which should provide greater than one year of operation. This is based on a transmission interval of 60 seconds.
- Using mains power - the Eltek MP9U power supply converts 100/250 VAC to 9 VDC and is low leakage.

An enclosure is available to house the transmitter and SP1196 battery pack. P.O.A.



Guarantee: Equipment manufactured by Eltek is guaranteed against faulty materials or workmanship for three years. For repairs carried out under guarantee, no charge is made for labour, materials or return carriage.

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GD-93A



Landis and Gyr T230 heatmeters



SP1196 Spare battery pack



105 x 122 x 36mm