Tinytag Radio Voltage, Current and Count Input Data Logger User Information

⚠ Warnings

- **This logger should only be connected to the inputs specified on its product data sheet, otherwise damage to the logger may occur.**
- **Do not connect to voltages greater than 25V relative to earth or isolated supplies larger than 25V.**

⚡ ⊙ ≤25V ⏚   ⚡ ⊙ ≤25V ⏚

- **This equipment should be used within the temperature range and other environmental conditions specified on its data sheet.**

Required Software and Accessories

Tinytag Radio data loggers are designed to be used as part of a Tinytag Radio system and cannot be used as standalone devices.

A software and receiver pack is required to run a radio system.

Details on how the loggers work with the system can be found in the Tinytag Radio Quick Start Guide and Tinytag Radio Technical Manual supplied with the system.

If you do not have a copy of these documents please see the software's help file, or downloaded a copy of them from our web site here:

www.tinytag.info/support

Connection Information

Current and Count Data Loggers

TGRF-4804, TGRF-4844, TGRF-4901 and TGRF-4904
TR-1201 and TR-3804

The above data loggers can be used with a CAB-3246 Tinytag Current/ Millivolt/Count Input Lead or an ACS-9700 2-Pin Plug.

The connection details for the cable and plug are as follows:

CAB-3246	2-Pin Plug	Function
Blue	A	Common/0V
Red	B	Signal Input

Connection Information

Voltage Data Loggers

TGRF-4703, TGRF-4704, TGRF-4743 and TGRF-4744
TR-3703 and TR-3704

The above data loggers can be used with a CAB-3239 Tinytag Voltage/XP Input Lead or an ACS-9703 5-Pin Plug.

The connection details for the cable and plug are as follows:

CAB-3239	5-Pin Plug	Function
Red	A	Do not Connect
Green	B	Not Connected
White	C	Sense Line
Black	D	Common/0V
Yellow	E	Signal Input

The **Sense Line** (if present) is an output from the logger that changes state when a reading is taken.

This line goes from 0v to +3.3V whilst a reading is being taken (the line goes back to 0V when the reading cycle is complete).

The Sense Line has an impedance of 100KΩ.

The Sense Line does not need to be connected for the data logger to record correctly.

Further Information

For further information on the Tinytag Ultra Radio data loggers, please visit our web site at:

www.tinytag.info

Full product data sheets for all units, containing reading and accuracy information, can be found there, along with manuals for the radio system and software.

Gemini
DATA LOGGERS