

# MERRIDALE®

## AUDITOR GX

Full-specification fuel management system



GX

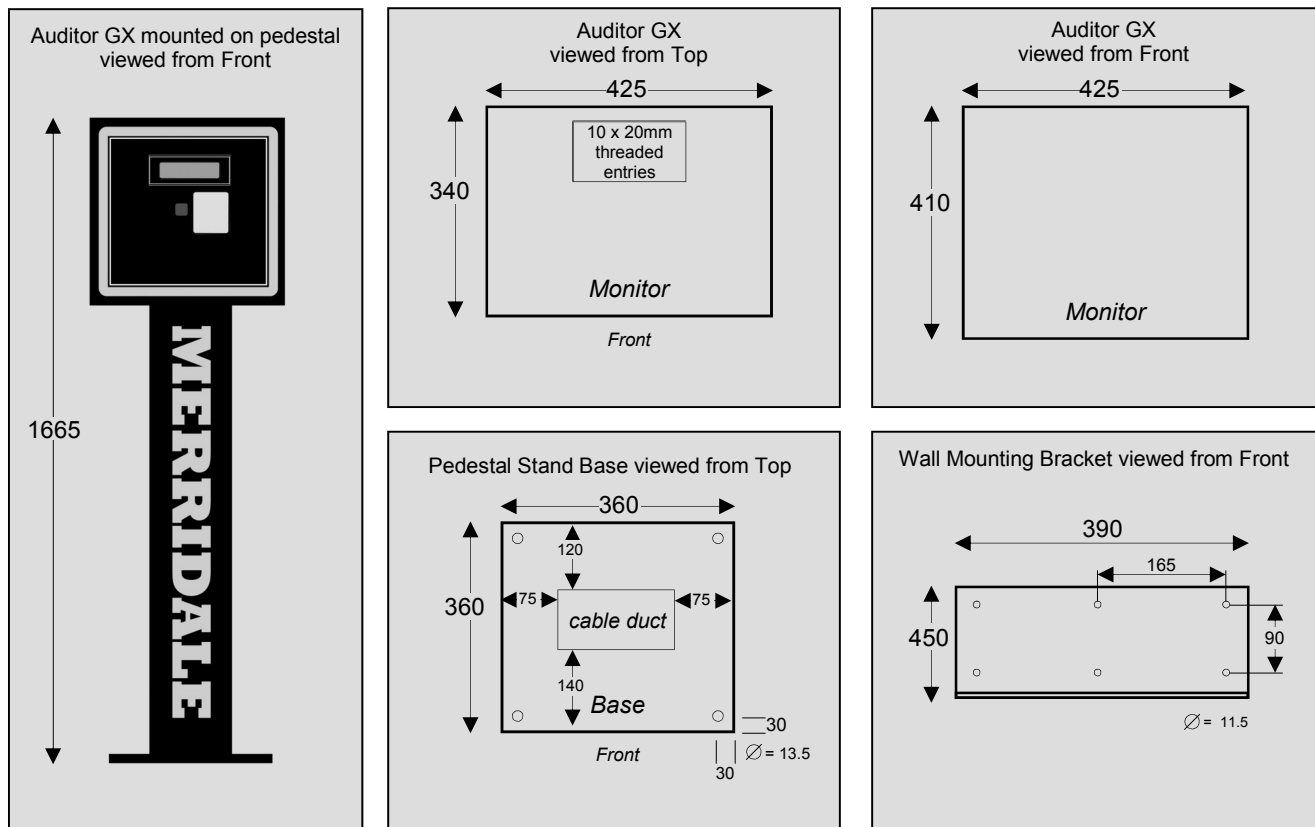
### Features

- Robust construction
- Long life design (minimum 10 years)
- Datakey, datatag or mag-stripe card access to fuel pumps
- Simultaneously controls up to four pumps
- Metal anti-vandal keypad
- Accurate fuel analysis and stock control
- Direct cable/modem/GSM/GPRS or network communications
- Links to Merridale FuelSite, FuelWorks or FuelFX fuel management software
- In-built tank gauge support



Fuel Management  
**One Solution**  
www.merridale.co.uk

## Installation Specification (Diesel/Gasoil Installations only)



### Cable Specifications

|                                 |  |   |   |  |
|---------------------------------|--|---|---|--|
| Main power to GX                | 3 core 1.5mm <sup>2</sup> PVC SWA  | NB A 2nd pump (optional) must have a separate mains supply, fed from a suitable RCD/MCB distribution board.     |   |  |
| Switched supply from GX to pump | 3 core 1.5mm <sup>2</sup> PVC SWA  | NB All internal pump switches (nozzles, resets etc) should be suppressed. Suppressors available from Merridale. |   |  |
| Pulsers from pump to GX         | 3 core 1.0mm <sup>2</sup> PVC SWA  | NB This assumes a Merridale Commercial Pump. Other pumps with mechanical pulsers may only require 2 core.       |   |  |
| Data cable                      | Number of Cores: 4<br>Core Size: 0.22mm <sup>2</sup><br>Core Type: 7 Strand Tinned Copper<br>Core Insulation: 0.25mm PVC | Screen: Overall Tinned Copper Braid<br>Outer Sheath: Grey PVC<br>Max Working v: 440v                            | Max Current per Core: 1A<br>Core/Screen Capacitance: 160pF/m<br>Resistance per Core: 88 Ω/m |  |

### Electrical Specification & Connections

|                            |                      |                 |
|----------------------------|----------------------|-----------------|
|                            | 50 / 70 / 90 ltr/min | 150 ltr/min     |
| Voltage                    | 240VAC 50Hz          |                 |
| Max running current        | 3A                   | 9A              |
| Breaker size (recommended) | 6A motor rated       | 16A motor rated |
| Breaker type (recommended) | MCB                  |                 |

|                      |   |     |  |    |                               |     |     |   |
|----------------------|---|-----|--|----|-------------------------------|-----|-----|---|
| E                    | L | N   | LS                                     | R1 | R1                            | 12v | Tx1 | C |
| 240v Recorder Supply |   | N/C | Volt Free Contacts to Switch Pump Live |    | Pulse Transmitter Connections |     |     |   |

Terminals R2, R2 and Tx2 added for Pump 2  
 Terminals R3, R3 and Tx3 added for Pump 3  
 Terminals R4, R4 and Tx4 added for Pump 4  
 Terminals Rx, Tx & Gnd added for PC comms  
 Terminals - & + added for 12v supply to Auditor GR  
 Terminals Rx2, Tx2 & Gnd2 added for data link to Auditor FT/GR

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# MERRIDALE®

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