Quick Start Guide - <cbYmk Y``DUdYf`Ygg Recorders
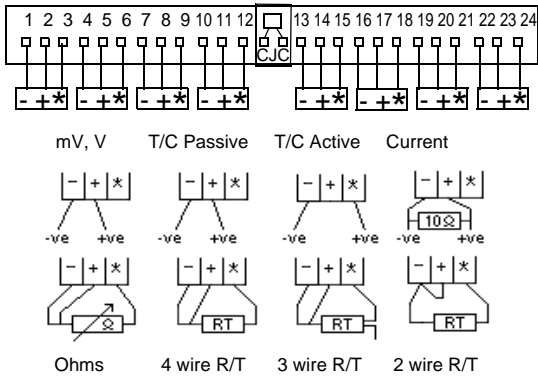
1. Connections

Ez-MiniTrend MultiTrend Rear panel

1) 24VDC Inst. power
2) 24V TXP Supply
3) Common Relay Ouput
4) RS485 connection
5) USB Host
6) Ethernet connection
7) AC supply 100-250VAC
8) CJC Connector
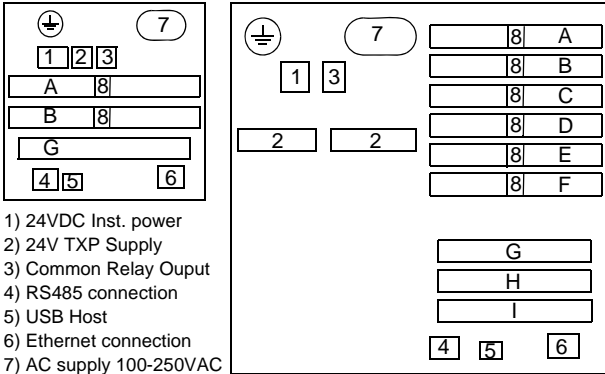
Analogue Input board (4, 6 or 8 channel).
QX = Slots A & B, SX = Slots A to F

mV, V   T/C Passive   T/C Active   Current

Ohms   4 wire R/T   3 wire R/T   2 wire R/T
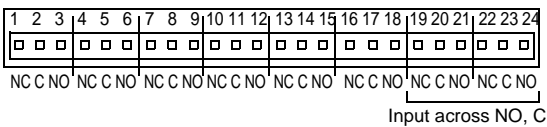
Analogue Output (2 or 4 channel). QX = Slot B only, SX = Slots E&F

Blanking Plate
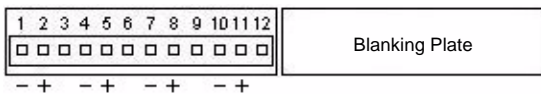
Pulse Input (4 channel). QX = Slots A & B, SX = Slots A to F

Blanking Plate
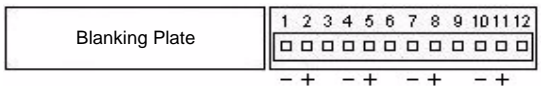
Relay Alarm (4 or 8 channel). QX = Slot G, SX = Slots G to I

NC C NO NC C NO NC C NO NC C NO NC C NO NC C NO NC C NO NC C NO

Input across NO, C

Digital Input/Output (8 or 16 channel). QX = Slot G, SX = Slots G to I

NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C NO C
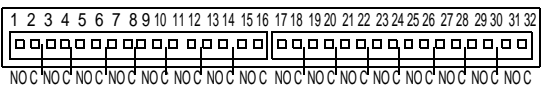
Key: NO = Normally Open, C = Common, NC = Normally Closed,

(2) 24V Transmitter Power Supply connections are made via 2-way for QX, 2x10-way connectors for SX.

2. Setup Menu
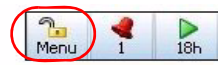
Select the Menu button from the Process Screen

Configure   Setup   Edit

Options

Select Options in Credits menu, tick firmware options to enable. Go to Finish and Commit

General   Factory   Credits

Inputs

All Analogue Inputs default to 12V

Field IO → Analogue In

Select Input channel

- Setup input Type. V, A, Ohms, RT, TC
- Select Sample Rate
- Select Range / RT / TC Type

Use Back button to return to Setup Menu

Pens

Pens

By default Pen 1 displays Analogue Input 1, Pen 2 displays Analogue 2 etc.

Select Pen

- Setup Scale
- Set Alarms, if required
- Setup Logging (required to Log and Save data in memory)

Use Back button to return to Setup Menu

Localization

Settings for Language and Time Zones, etc.

General → Localisation   Back

Settings (Main Menu > Configure)

Settings → Set Time   Set Date and Time

Finish → Commit

Recording menu allows:
- stop/start recording
- immediate download of recorded data

Message Count menu allows quick access to Batch, User Mark on chart, and Messages Detail

| Batch | Mark | Detail | Exit |

View Alarms

Alarm Status/ Configure Individual Alarm Acknowledge

Acknowledge all Alarms

| Ack | View | Detail | Exit |

Print process screen

Modify screen layouts

Replay chart history

List of available screens

View available screens

| Print | Edit | Replay | List | Prev | Next | Exit |

Enter recorder Setup menu

Menu | 1 | 18h | 3 | Screen | 0001:Turbine 1 | 10 Jan 06 14:16:47

2:40:25 12:40:30 12:40:35 12:40:40 12:40
4 Dec 05 04 Dec 05 04 Dec 05 04 Dec 05 04 Dec

100.8

P1 Alm 1 : Out of alarm(22)

Pen 1 81.26
Pen 2 69.00
Pen 3 26.00
Pen 4 41.47
Pen 5 37.50
Pen 6 34.55
Pen 7 47.74
Pen 8 100.00

Stylus (for use with the touch screen)

Recorder ID No. & Name alternates with the Screen Name

Time and Date

Chart Area

Realtime Pen Pointers

Pen Digital Read-out (DPM)

Touch the screen to activate a short cut to Settings such as change the chart speed

Compact Flash slot

Compact Flash card eject

Compact Flash busy LED.

DO NOT remove card if LED is lit

USB Host Port. Connect Keyboard/Mouse for set up or USB memory for data transfer