

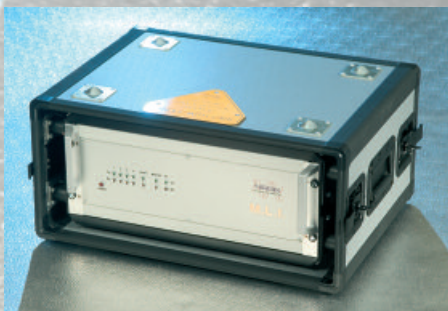


MLI

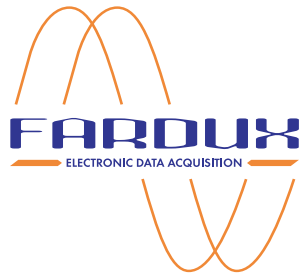
Multiple Logger Interface

Fardux IDEA Data Loggers of either the *Enterprise* or *Lite* type can be coupled together when more hardware channels are required. Any combination of up to five loggers can be connected to the MLI to provide additional transducer inputs to the host PC software suite.

Because the IDEA range of Data Loggers are built with a modular approach in mind, clients can scale the purchase of their Data acquisition products in accordance with the current data input requirement for any particular project. If, at some point going forward, the data acquisition input requirement becomes larger then all that is necessary is to add the appropriate number of IDEA *Enterprise* or *Lite* Data Loggers and then couple them to the host PC with a M.L.I.



ALL THE DATA, WHEN AND WHERE YOU WANT IT



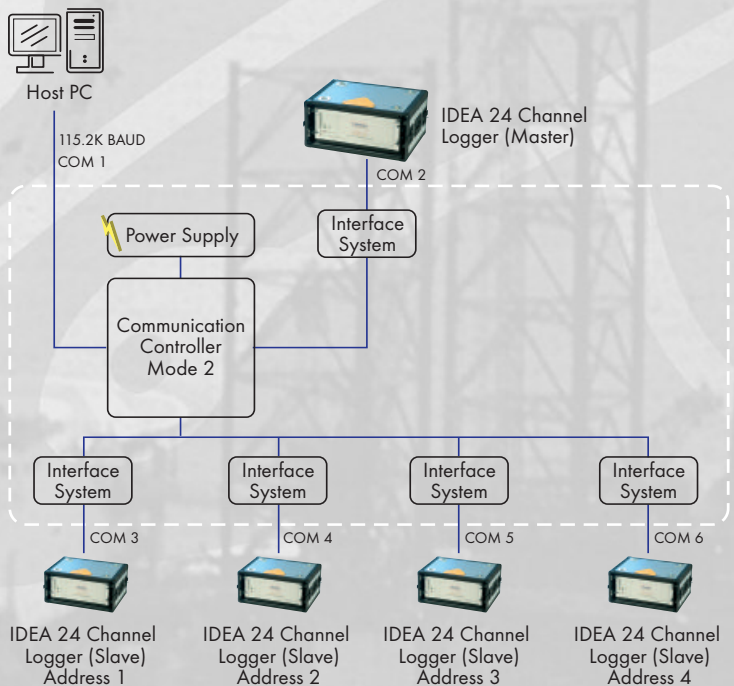
MLI

Multiple Logger Interface

The Master and up to four additional Slave loggers connect via the MLI to a single RS232 port which communicates with the host PC IDEA Enterprise software in the same way as if a single logger had been connected.

Only the Master Data Logger clock adds its time to the data stream along with transducer data from the slave loggers so that the time function is set and controlled at a single point in exactly the same way that a single Data logger would communicate with the host software.

Each connected data logger has its own microprocessor with the Master logger collecting data from each of the slave loggers in turn in accordance with simple dip switch set addressing.



The Master and Slave loggers connect via the MLI to a single RS232 port



Simple dip switch addressing

Master	Slave 1	Slave 2	Slave 3	Slave 4
ADDRESS 1 2 4 8 16	ADDRESS 1 2 4 8 16	ADDRESS 1 2 4 8 16	ADDRESS 1 2 4 8 16	ADDRESS 1 2 4 8 16
Address = 0	Address = 1	Address = 2	Address = 3	Address = 4

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