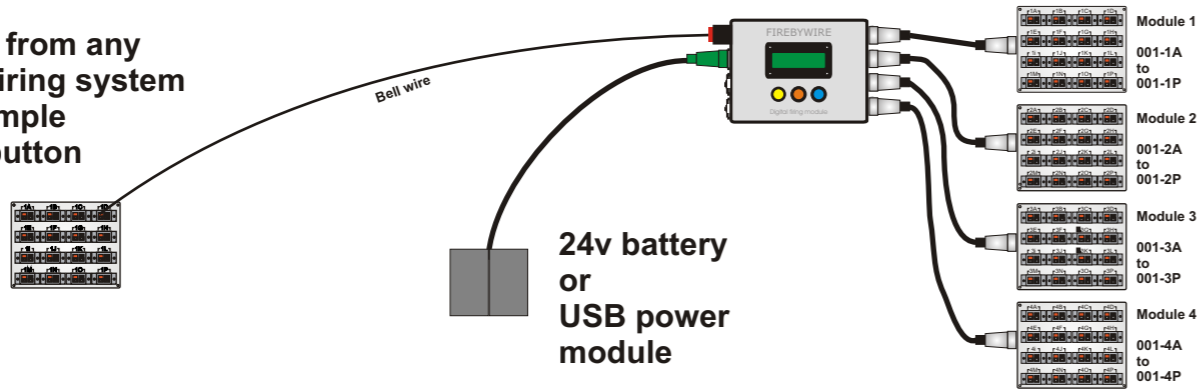


Example configurations

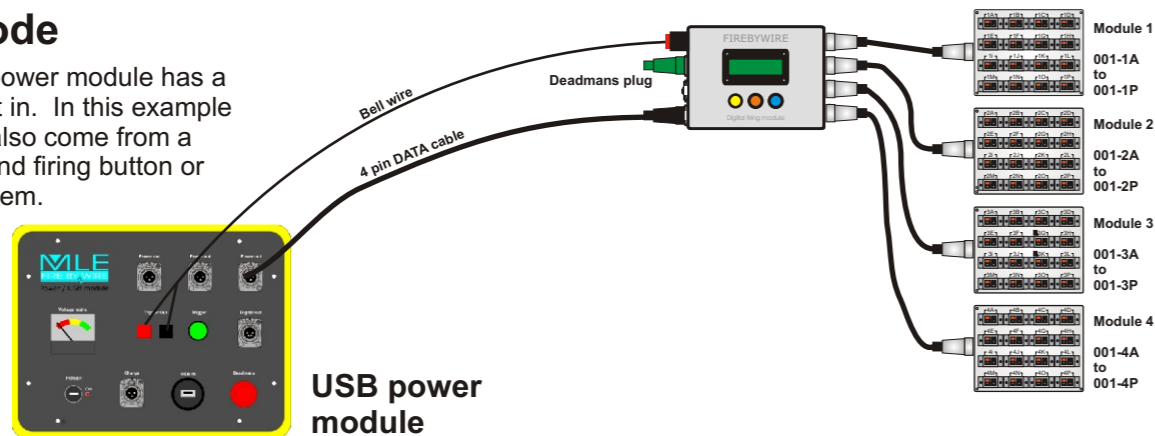
Trigger mode from another system

12-36v from any other firing system or a simple hand button

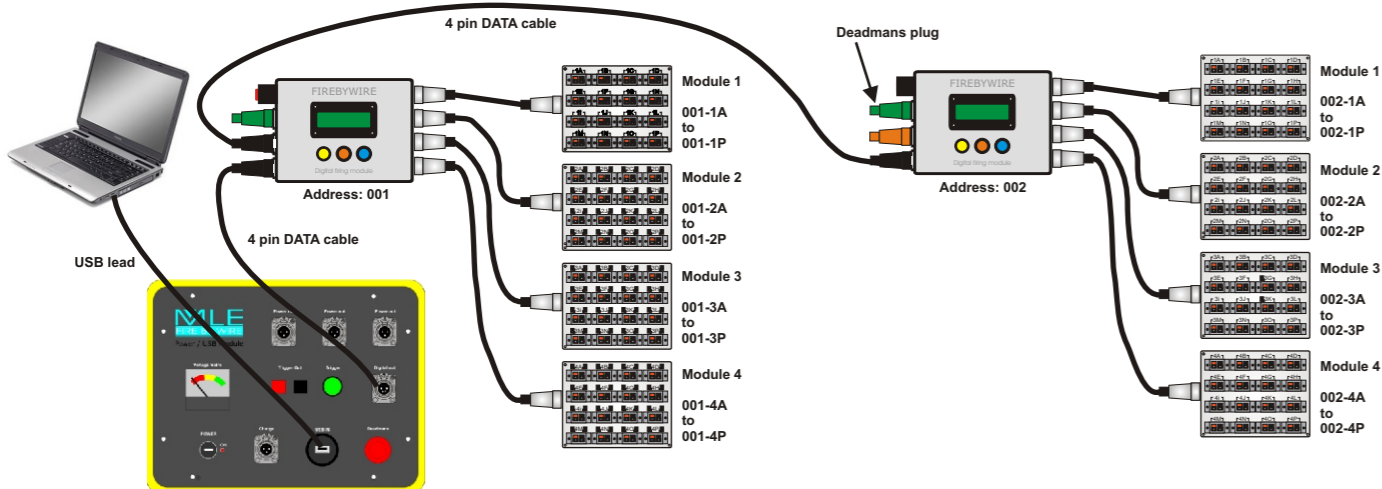


Trigger mode

The yellow USB power module has a trigger facility built in. In this example the trigger could also come from a single channel hand firing button or another firing system.



Full laptop control mode



A typical system requires 16 Channel Firing Modules, Firing cables, Power or a USB Power module, Data cable or Power cable, Deadmans Terminator, 24v Charger

Agent / Supplier:

MLE[®]
FIRE BY WIRE

DIGISEQ-64 Compact
64 Channel Digital Firing Module
with integrated sequencer

At last! A digital firing module that combines all of the features that you need together inside one single unit. Computer controllable, fireworks set to music, manually fired displays, step mode firing, standalone programmable firing, sequencing mode - it has them all.



The most versatile firing system on the market

Main System Features

- 64 separate firing channels
- LCD screen and menu system
- Programmable standalone unit
- Deadmans handle safety feature
- Laptop interface
- Triggerable from any 9-24v source
- Full onscreen test results
- Assignable firing order
- Step mode
- Supports pauses between firing

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Trigger port

When pre-programmed, the unit can be triggered (set going) using 9-36volts. This can either be your manual or existing firing system, or a hand button with battery. If the unit has programmed pauses, then firing will resume on pressing the button / triggering the unit again.

Supports pauses and step mode

Pauses in the firing order are defined by setting the channel delay to 0s. When the firing reaches this it fires then stops. The program can be resumed by retriggering the unit. With some or all of the channels set to pause, the unit supports step mode firing, in this mode each button press / trigger fires the next channel.

4 x 16 (64) Output Channels

Each Digiseq has 64 independent channels in 4 groups of 16. Channels can be fired as and when you require during a laptop fired display, or alternatively they can be programmed to fire from a given start time in an order also definable. 20mS firing outputs.

High quality parts

Highest quality Neutrik XLR connectors and German made terminals are used in the construction. The PCB is designed partly by computer and contains surface mount components chosen for high reliability in conditions. Red LED indicates power, blue LED indicates data.

Assignable unit identity

Each unit can be assigned a name - sixteen characters are available. The name flashes up every other second when in idle mode.

Deadmans Safety Handle

Each unit has a 3pin deadmans handle port. This enabled the operator to disable the firing of fireworks during a display from a safe distance. Timing continues and firing events are skipped during this time, once the situation is confirmed safe the user can disable the deadmans handle and resume the show.

Laptop Interface (male + female)

Each Digiseq has a male and female socket for laptop/data control. These 4 pin ports allows the unit to be controlled from a remote laptop as well as supplying power to the device. Further digiseqs can be daisy chained using the female port.

```
Cue01 (1A) 14.6
Next Exit Set
```

LCD menu

Each unit has an backlit LCD screen and hot key menu which the user can navigate around using the 3 buttons below the screen. Full support for programming sequences or the show into the unit, as well as testing igniters, defining firing order/timings and setting the address for laptop control.

Voltage/Function Statistics

Actual voltage available to the unit is displayed on the idle screen, as well as being available in the computer firing software where information about the quality of the power/data cable is also displayed.

Programmable standalone mode

Either using the LCD screen or simple software and a USB interface unit the user can assign delays and firing times as well as the firing order. Sequences can support pauses and multiple start times. Full digital control without the need of a laptop.

Unique firing output circuit

Firing requires very specific conditions to energise the output circuits. The output is also tailored dynamically to the conditions of the igniter(s) attached to each individual channel. Current and voltage are tweaked to best suit the arrangement of wiring in real time.

```
ABCDE-----N--
MOD1 Exit Next
```

Full onscreen test results

Each unit can display the igniters present onscreen in each of the 4 groups of 16 channels. For safety the results are tested once, so any updates are only displayed on the press of the refresh button.

