OXYDIUM

Powerful device which is both comprehensive and easy to use, OXYDIUM is the programmable digital system for drive the satellites MAF60 serie II.
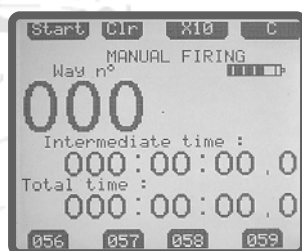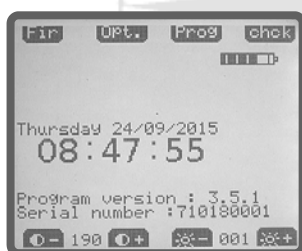
Oxydium has several modes of operation:

- Full manual firing
- Semi-automatic and fully automatic with Oxydium Suite software
- Firing with DMX assistance of synchronization
- Firing with a computer via USB with Oxydium Pyromusical Créator

A programmable console, one or more satellites 60 lines and one conventional wire (up to 5 km) to drive them all. And if the wire is too many, a radio HF kit is available !

The basic system consists of a programmable console 600 lines and one satellite with 60 outputs. You can add additional satellites and manage up to 600 different lines. It is also possible to set the satellites on the same sixty of work and have simultaneous operations, or to address each outputs of satellites as you want. The Oxydium can control up to 15 satellites.
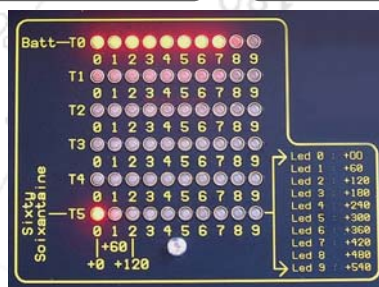

a clear and intuitive display ... why make it complicated when it can be easy !

Languages : English, French

Data communication by classic wire.

Multi-control display panel : resistance of lines, battery, sixty of work.

Pack radio HF available separately : Bidirectionnal 1km* 869Mhz 100mW
(* depending on local conditions)

The informations, photos, prices presented in this document are provided for informational purposes only and are not contractually binding. April 2019.

Main characteristics :

OXYDIUM

Of the Oxydium control system

- Manual firing with auto increment up or by selection with rotary swtich
- Manual/Automatic mixed firing
- Fully automatic firing (just give the starting signal)
- Manual firing with DMX assistance
- Automatic firing with DMX* synchronization assistance*
- Manual control still works in automatic firing mode
- Programmable directly on console or by PC (USB cord provided)
- Programming software « OXYDIUM SUITE » provided
- « Oxydium Pyromusical Creator » software provided
- Programming resolution 1/10th of sec.
- Minimal time between 2 shots : 1/10th sec with Oxydium Suite software
- Memory : 4 programs
- Automatic beacon of check the communication
- Chronometers partial, total time, and countdown
- 4 adjustable backup lines
- 8 push buttons for interactive functions
- Drive up to 600 ways
- Acces to the firing mode by a personnal security code
- 3 outputs of data for driving the satellites (up to 5 satellites per output)
- 2 luminous firing push button
- Large LCD display backlighted
- Feedback from the satellites to the Oxydium (lines, connections ...)
- Battery level indicator
- Powed supply by lead battery 12V (charger provided)
- Languages : English, French
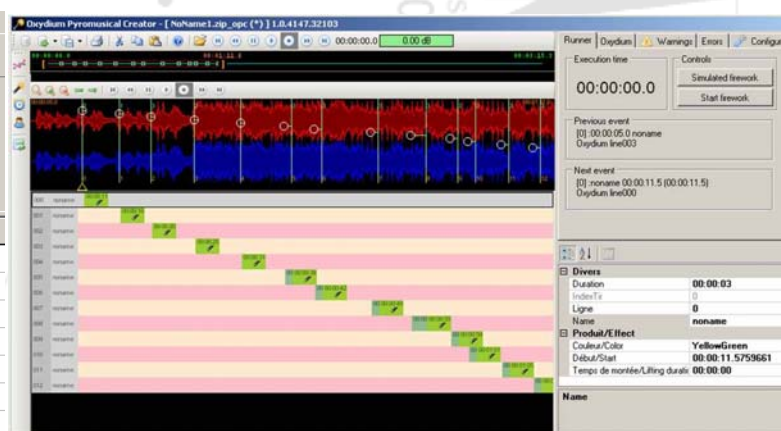- Dimensions 464x360x176mm, weight 6kg, case IP65

Of the satellite MAF60SII

- Output voltage : 70 volts (booster inside)
- 60 outputs, fully addressable
- Multi control display : resistance of lines, battery level...
- Key to activate firing mode
- Firing mode indicator
- Powed supply by lead battery 12V
- Data transfert Oxydium / satellite : up to 5 km by classic wire
- Coded digital communication
- Case IP65
- Dimensions (mm) : 464 x 360 x 176. Weight 6.2kg
- 1 year warranty

*DMX doesn't shoot alone, but it gives help to operator to synchronize the starting signal
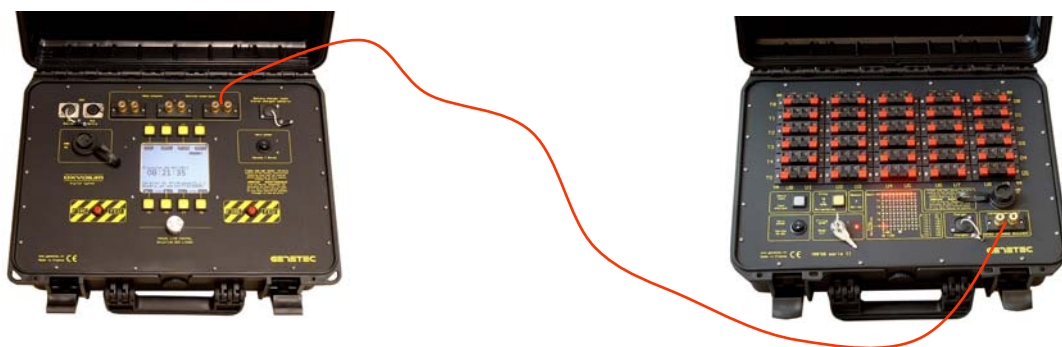

Programming software OXYDIUM SUITE

OXYDIUM PYROMUSICAL CREATOR software : it is easy to create a synchronized show with an MP3 or WAVE file type. Simply put on the graph of music the ways of the lines you want to shoot!

OXYDIUM

Few examples of configurations :

Up to 5 km

1 / Basic configuration: 1 OXYDIUM drives 1 satellite by wire (this hardware is in the kitMAF60OXY).
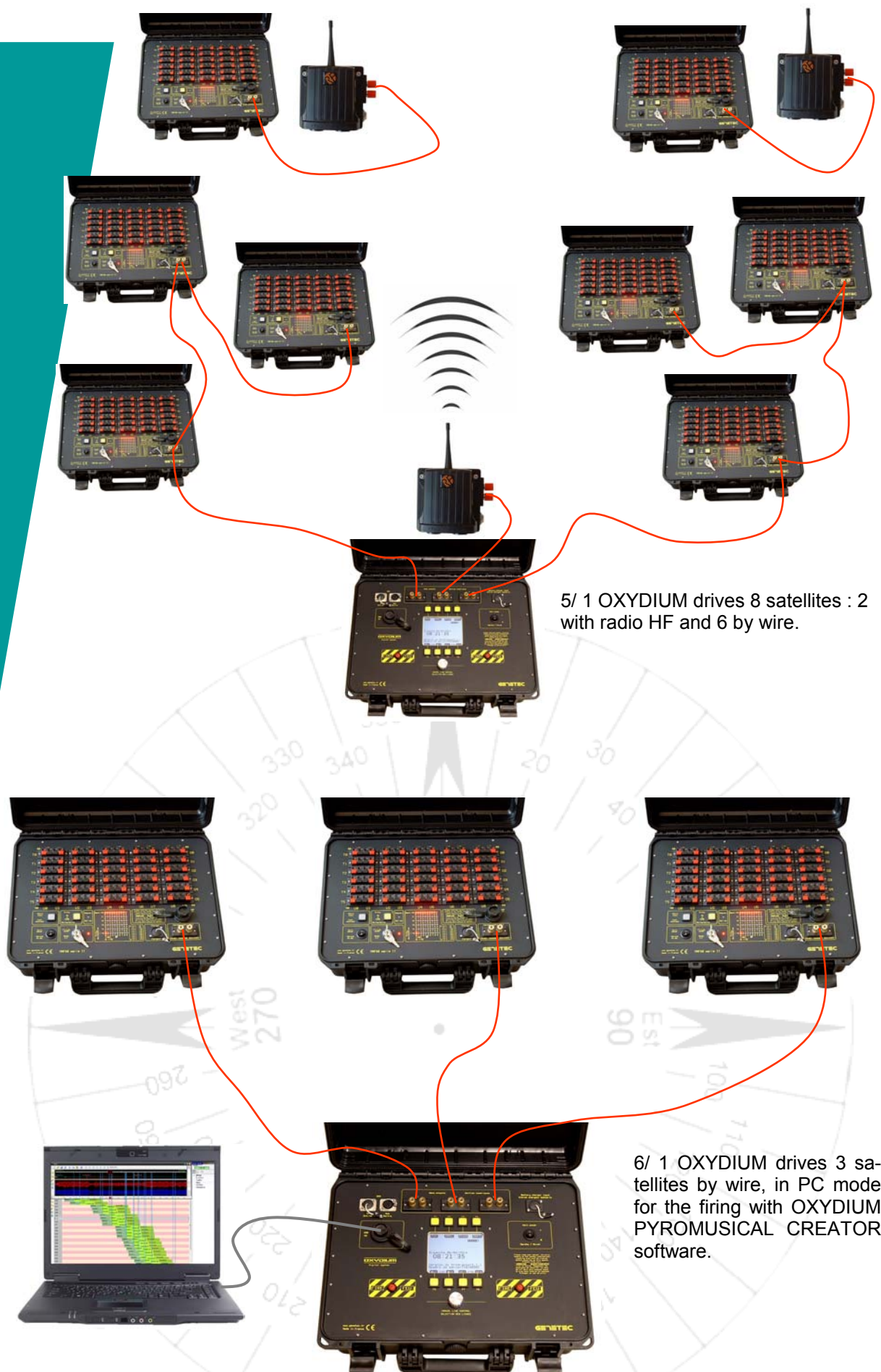
2/ 1 OXYDIUM drives 3 satellites by wire

OXYDIUM

3/ 1 OXYDIUM drives 3 satellites : 2 with radio HF and 1 by wire.

4/ 1 OXYDIUM drives 5 satellites : 1 with radio HF and 4 by wire.

5/ 1 OXYDIUM drives 8 satellites : 2 with radio HF and 6 by wire.

6/ 1 OXYDIUM drives 3 satellites by wire, in PC mode for the firing with OXYDIUM PYROMUSICAL CREATOR software.

These six examples are not exhaustive. They are many other possible combinations.