



TIG 01 is Manual Mobile Cable Firing Equipment produced for controlled firing of up to 10 electric primers used for fireworks

## BASIC SET – Technical Data

Control panel consist of individual plastic box with removable case for 6 batteries 1,5V AA. All control elements are situated on the panel. As parts of TIG 01 system there is also a connecting cable 10 m and a firing module with repro-connectors for connecting supply leads from the electric primer. The whole system is placed in a casket.

### ovládací panel - základní prvky

Switch	for system activation and deactivation
Flip-flop Switch	selection of firing
Button Switch	for activation of selected firing by button switch
Red Light /10ks	signalization of connected electric primers presence
ACU Light	green – sufficient power supply red – low battery
Supply Connector	for charging or connecting the standby secondary power supply
Bonding Connector	for connecting the module extension cable - CANON connector

### Firing Module

Repro-connectors	10 pieces for connecting the electric primers leads
Bonding Connector	for connecting the panel extension cable – CANON connector

### Accessories

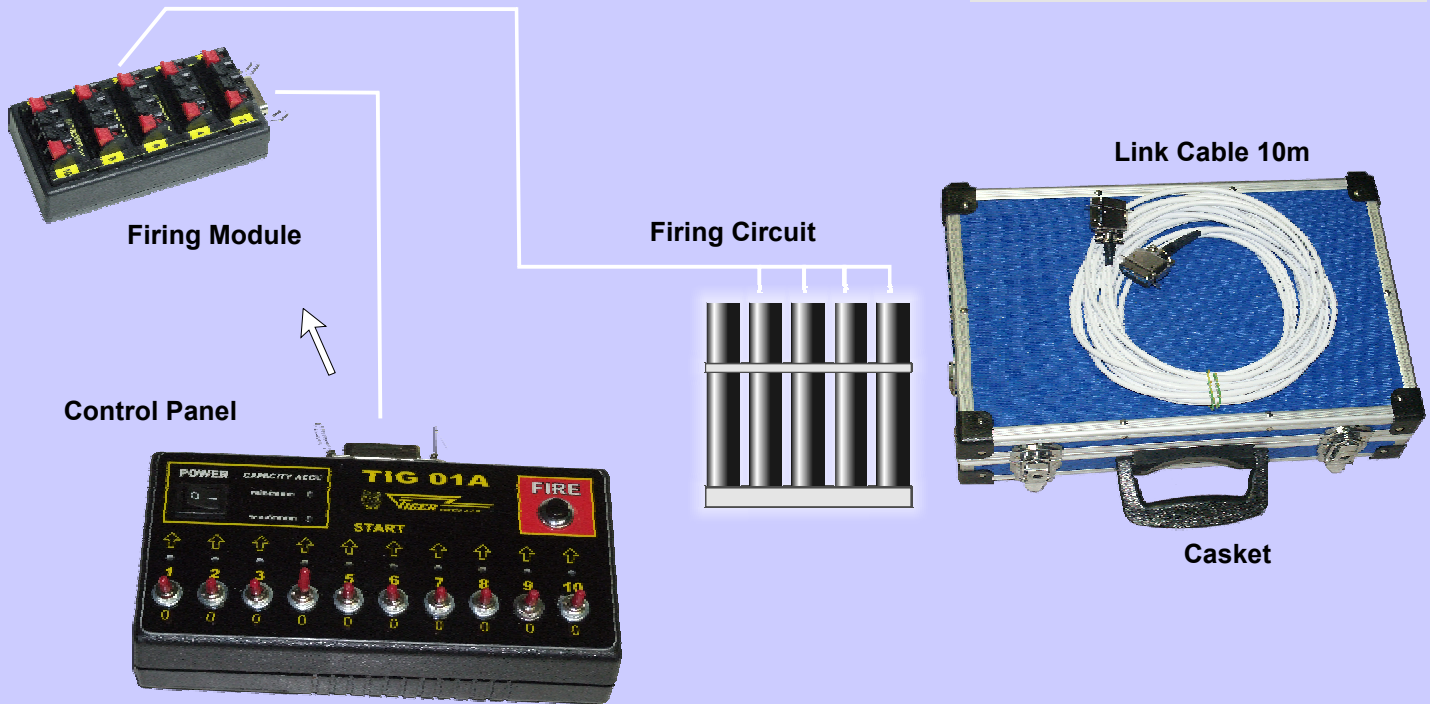
Link Cable	10 m – links between the panel and the module
Supply Cable	cable with connector and terminals

## SYSTEM FUNCTIONS

The control panel shall be connected with module by link cable. By pressing the main switch you activate the system and the power supply green light will turn on – the equipment is ready for firing, the red light signalizes insufficient power supply.

The red lights situated over the flip-flop switches signalize correctly connected firing circuits. If not on, the firing circuit is not connected and therefore it is necessary to carry out its check and revise its connection.

By switching over the switch lever into a position START, certain firing will be selected. It will then be activated by pressing the button FIRE, the red light will be automatically turned off shortly after that.



## SPECIFICATION OF TIG 01 EQUIPMENT

Power Supply	internal accumulators 6x 1,5V AA
Firing Tension Power	9V
Firing Current Power	max. 5 A
Total number of firings	1 to10, individually, arbitrary together
Max. number of primers in a set	4
Number of shots within max. series connection	40
Service criteria	Temperature - 25 to 50 °C Relative humidity max. 85%
Link Cable	twin line Cu 0.5 mm
Max. link length (by loop circuit resistance)	max. 10 Ohm
Way of Firing	by manual switching the flip-flop switch
Basic functions	Storage Battery Capacity Control Measurement of connected electric primers presence – red light Response control – the red light will be turned off after pressing the switch

Exclusive Agent

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