

REMOUNT CONTROL DEVICE FOR SYSTEMS TIG 05R

TIG 05HRC

(radius max. 500 m)



TIG 05HRC – HAND REMOUNT CONTROL

The equipment is draw up as standby manual remount control for distance activation of firing module TIG 05R. It is situated in a box made of PVC where there are operating devices clearly placed on its one outer side. The remount control uses the supply of 6V (4xAA 1,5V), 4 pieces of batteries. They are placed in a magazine inside the box under the removable cover. The antenna shall be connected by screwing onto the panel connector SMA at the front side of the box. Maximal reach for operating the radio signal is 700m in an open area.

TIG 05HRC Operating elements description

Switch POWER – activates the equipment
 Display – 4 digits display, shows the line number and the firing number. Keyboard – for the choice of line and firing
 Button FIRE – activation of the radio order based on the programmed data

TIG 05PC (radius max. 1000 m)



BNC connector
 exter. ACU connectors



TIG 05PC - CONTROL PANEL

The control panel is freestanding and it is fixed to a plastic sealed case. The operating elements are clearly placed on the control board, most of them being pressed in to a clingfilm. The yellow buttons control 12 lines either separately, in pairs or all together. There is maximum of 10 modules TIG 05R to be connected to each line, total 120 modules, and they can fire other modulus themselves. By doing so, the number of firing can be multiplied.

The data for the operating itself can be set up by blue and yellow buttons or from PC using software which is a part of the equipment (connector RS232); the data are then displayed on 4-line display number 1.

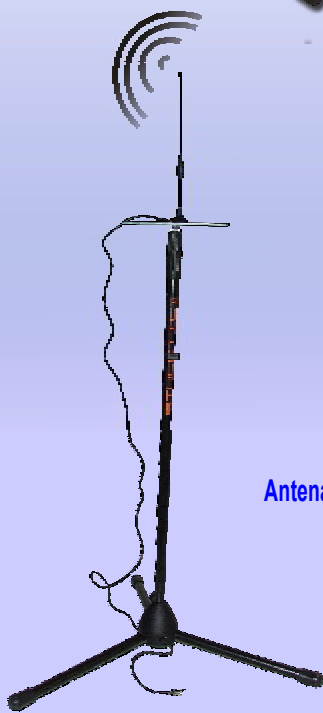
The prevention of accidental firing while manipulating or programming is controlled by interlock switch key ACTIVATE, after deactivating the interlock the equipment is ready to activate the direct distance demand by pressing the button CENTRAL START – for one or a group of pre-selected lines or by button 1 to 24 – for activation of each individual shots within the pre-selected line. During the first activation of the direct distance demand there is the clock on the display number 2 being automatically activated.

The panel is supplied by an internal or external storage battery 12V/2,1Ah

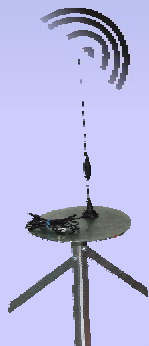
or by external generator TIG 07, which shall be connected onto the screw terminals at the back side of the case. If required, switching unit can be added. This switching unit automatically turns off the internal storage battery at the very moment of connecting the external storage battery. Minimal capacity of the storage battery is signaled on display number 1. In case the capacity is insufficient, the storage battery needs to be charged by adapter into the connector for external storage battery necessary for providing reliable running. We recommend use the recharging device 12V/500mA.

Magnetic antenna shall be placed on three point stand bracket and connected to panel BNC connector on the back side of the case by coaxial cable. Recommended distance for manoeuvring the radio signal is 1000m in an open area, to get better radius we recommend use directive antenna.

TIG 05PC is supplied standard with a small stand and with antenna, without ACU.



Antena stand



Antenna



TIG 05PC - Operating elements

Display n. 1	shows Number of Line, Number of Connected Modules TIG 05R, Connected positions of Blasting Cable on the Module, Signal Value in % ACU Module TIG 05R Capacity, ACU TIG 05PC Capacity Blue Buttons Control +, -, ESC
Display n.2	Timer, Blue Button Control
Buttons 1-12	lines set up (max 10 TIG 05R modules to be connected on one line)
Buttons 1-24	Individual Shots Control on Module TIG 05R
POWER	Equipment Activation
ACTIVATE	Switching device with a key for Distance Activation Blocking
Central START	Remount Control Activation
RS232	input for programming the data from PC
Ext. ACC 12V	connector for Internal Storage Battery Capacity Charging