

## Control device for the flapping target air pistol 10 m

With this control device, the mechanic lock of the flapping target is controlled. A hit can only be displayed by the target panel, when it is made while the lock is released by the control device.

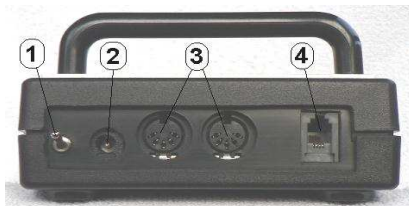


### Included components:

- (1) control device
- (2) helix cable
- (3) serial port connector
- (4) external start button
- (5) power supply

### Not shown:

- Transport case
- Windows software to configure timings
- Manual



### Connectors of control device:

- (1) On/Off switch
- (2) Power supply port 24 V / 1,25 A
- (3) Ports for cables to the target
- (4) Port for helix cable to the external start button or the serial port connector

### Cable installation:

Connect the cable of the target to one of the according ports (3) on the control device.

Connect the power supply to port (2) on control device and connect one end of the helix cable to the according port (4) on the control device and the other end to the external start button.



### Start up:

Turn on the control device with switch (1). The display (3) first shows a start message. Then, the last selected configuration is displayed. With the up (4) and down (5) buttons, the (up to 16) control modes are selected. With the first press of the button 'Start' or the external start button, the display shows 'Ready'. After another press, the display shows 'Steady' and the leading time starts. The target's red light burns for the configured time.

Then the shooting time starts. The display shows 'Start', the target locks are released and the green light burns. After the shooting time, the targets are locked again and the red light burns again according to the configured tailing time.

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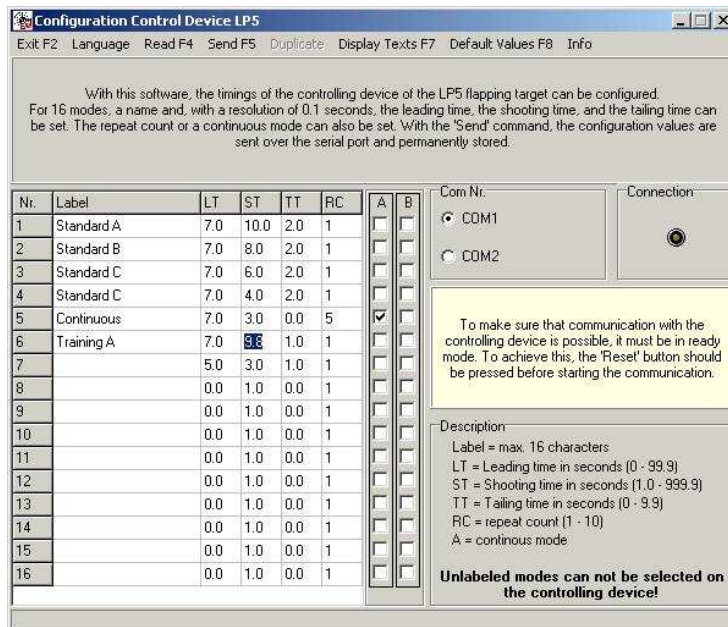
### Display fields:

1. line: Number of selected control mode, then text (Ready, Steady or Start)
2. line: Label of selected configuration (e.g. 'Standard A')
3. line: Token of leading time (LT), leading time in 0.1 seconds, token for shooting time (ST), shooting time in 0.1 seconds.
4. line: Token of tailing time (TT), tailing time in 0.1 seconds, token for repeat count (RC), repeat count or >>>> for continuous mode.

### Configuration of control modes:

The timings of the different control modes can be configured with the windows software comming with the hardware. The helix cable must be attached to port (4) and the serial port connector. After connecting the serial connector to a PC, the windows software **Duell10m.exe** can be launched.

### Description of the windows software Duell10m.exe:



After launching the application, first the number of the serial port must be configured. With the menu item 'Read F4' the configuration values of the control device can be imported. The timings of the control modes can now be changed or new control modes (up to 16) with the according timings can be created. The displayed labels can be edited by the menu item 'Display Texts F7'. With the menu item 'Send F5' the changes can be sent back to the control device and saved there permanently.

Hard- und Software für den Schießsport

[www.moesenlechner.de](http://www.moesenlechner.de)  
[lorenz@moesenlechner.de](mailto:lorenz@moesenlechner.de)