

ALGE-TIMING

Timing 3



Manual
Parallel-Start

Important Information

General

Before using your **ALGE-TIMING** device read the complete manual carefully. It is part of the device and contains important information about installation, safety and its intended use. This manual cannot cover all conceivable applications. For further information or in case of problems that are mentioned not at all or not sufficiently detailed, please contact your **ALGE-TIMING** representative. You can find contact details on our homepage www.alge-timing.com

Safety

Apart from the information of this manual all general safety and accident prevention regulations of the legislator must be taken into account.

The device must only be used by trained persons. The setting-up and installation must only be executed according to the manufacturer's data.

Intended Use

The device must only be used for its intended applications. Technical modifications and any misuse are prohibited because of the risks involved! **ALGE-TIMING** is not liable for damages that are caused by improper use or incorrect operation.

Power supply

The stated voltage on the type plate must correspond to voltage of the power source. Check all connections and plugs before usage. Damaged connection wires must be replaced immediately by an authorized electrician. The device must only be connected to an electric supply that has been installed by an electrician according to IEC 60364-1. Never touch the mains plug with wet hands! Never touch live parts!

Cleaning

Please clean the outside of the device only with a smooth cloth. Detergents can cause damage. Never submerge in water, never open or clean with wet cloth. The cleaning must not be carried out by hose or high-pressure (risk of short circuits or other damage).

Liability Limitations

All technical information, data and information for installation and operation correspond to the latest status at time of printing and are made in all conscience considering our past experience and knowledge. Information, pictures and description do not entitle to base any claims. The manufacturer is not liable for damage due to failure to observe the manual, improper use, incorrect repairs, technical modifications, use of unauthorized spare parts. Translations are made in all conscience. We assume no liability for translation mistakes, even if the translation is carried out by us or on our behalf.

Disposal

If a label is placed on the device showing a crossed out dustbin on wheels (see drawing), the European directive 2002/96/EG applies for this device.

Please get informed about the applicable regulations for separate collection of electrical and electronical waste in your country and do not dispose of the old devices as household waste.

Correct disposal of old equipment protects the environment and humans against negative consequences!



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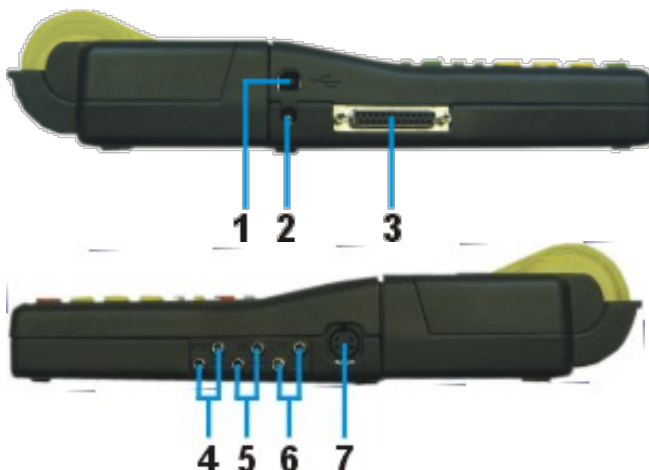
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1 Device Description

A detailed device description of the Timy3 you will find in the general manual. This manual describes only the software TIMEOUT.

1.1 Control Elements

- 1 USB-interface
- 2 Charging socket
- 3 ALGE multiport
- 4 Connection for display board
- 5 Connection for start emitter (C0)
- 6 Connection for finish emitter (C1)
- 7 Standard ALGE photocell socket



1.2 TIMY3 Models

Both TIMY3 models are equipped with a temperature compensated quartz-oscillator and therefore suited for highest accuracy. The extended temperature range allows operating the TIMY3 from +50°C until -20°C (for summer and winter sports)

TIMY3 W:

TIMY3 W is a timing device without printer.



TIMY3 WP:

TIMY3 WP is a timing device with integrated printer.

1.3 TIMY3 Software

Available programs for the TIMY3:

- Stopwatch:** universal timing program which is suitable for several heats (run/total time).
- Backup:** to measure time-of-day times (e. g. as backup-system or as time reference for the computer)
- PC-Timer:** to measure time-of-day times with simultaneous output of the running time in 1/10 seconds via the RS232 interface. Ideal as an accurate timing device for the computer
- LapTimer:** timing program with run times and lap times (e. g. for motor sport)
- TrackTimer:** timing program for events with several lanes, e. g. athletics and swimming
- Training Lite:** universal training software (several intermediate times are possible)
- Training REF:** training software with reference run (several competitors on course)
- Speed:** speed measurement
- Commander:** terminal for diverse subprograms (see manual)
- CycleStart:** program for track cycling with countdown and lap counter
- Terminal:** terminal for judges (e. g. gymnastics)
- Track + Field:** to measure e.g. windspeed, show the concentration clock or control a infield display board
- Parallel-Diff:** timing for parallel slalom (difference time of both slopes)
- DualTimer:** timing of two separate courses
- Timeout:** timing with timeout, also applicable for show jumping (with start countdown)
- Swim Trainer:** training program for swimming
- Jumping:** training program for jump trials, measures jumping height on the basis of time between jump and landing on a contact mat (several subprograms)
- Speed-Climbing:** timing for parallel competitions at speed climbing with false start
- Start-Liner:** To control the start of several start tracks e.g. for cross country
- Parallel-Start:** To control the start at parallel races
- TV-Timer:** simple timing program for controlling a display board or TV time flashes
- Voting:** Judge program for WTN

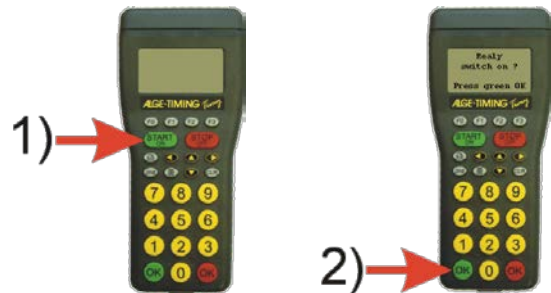
1.4 Driver Installation

For installation of drivers (e.g. for USB connection to PC) a separate manual is available. You can download them on our homepage www.alge-timing.com or contact your ALGE representative.

2 Start Up

2.1 Switch On

- Press „START/ON“ key
- Display shows:
“Really switch-on? Press the green OK button!”
- If you press the green OK key within 10 seconds, the TIMY3 switches on, otherwise it automatically switches off.



2.2 Switch Off

You have got two possibilities to switch off the TIMY3:

Method 1:

- Press „STOP/OFF“ key for 3 seconds
- Display shows:
“Really switch-off? Press the red OK button!”
- If you press the red OK key within 10 seconds, the TIMY3 switches off, otherwise it returns to the program.



Method 2:

- Press „2nd“ and „STOP/OFF“ keys
- Display shows:
“Really switch-off? Press the red OK button!”
- If you press the red OK key within 10 seconds, the TIMY3 switches off, otherwise it returns to the program.



3 Program Parallel-Start

The program Parallel-Start is special designed to organize the start at parallel races.

It has two different modes

- False Start
- Starter

The selection of the mode False-Start or Starter is described in paragraph 3.3.2 Mode.

3.1 Mode: False-Start

It is used to check the start. It is only necessary for startdoors that allow a false start (that you can open before the start signal, e.g. ALGE-TIMING Startdoor SSG1).

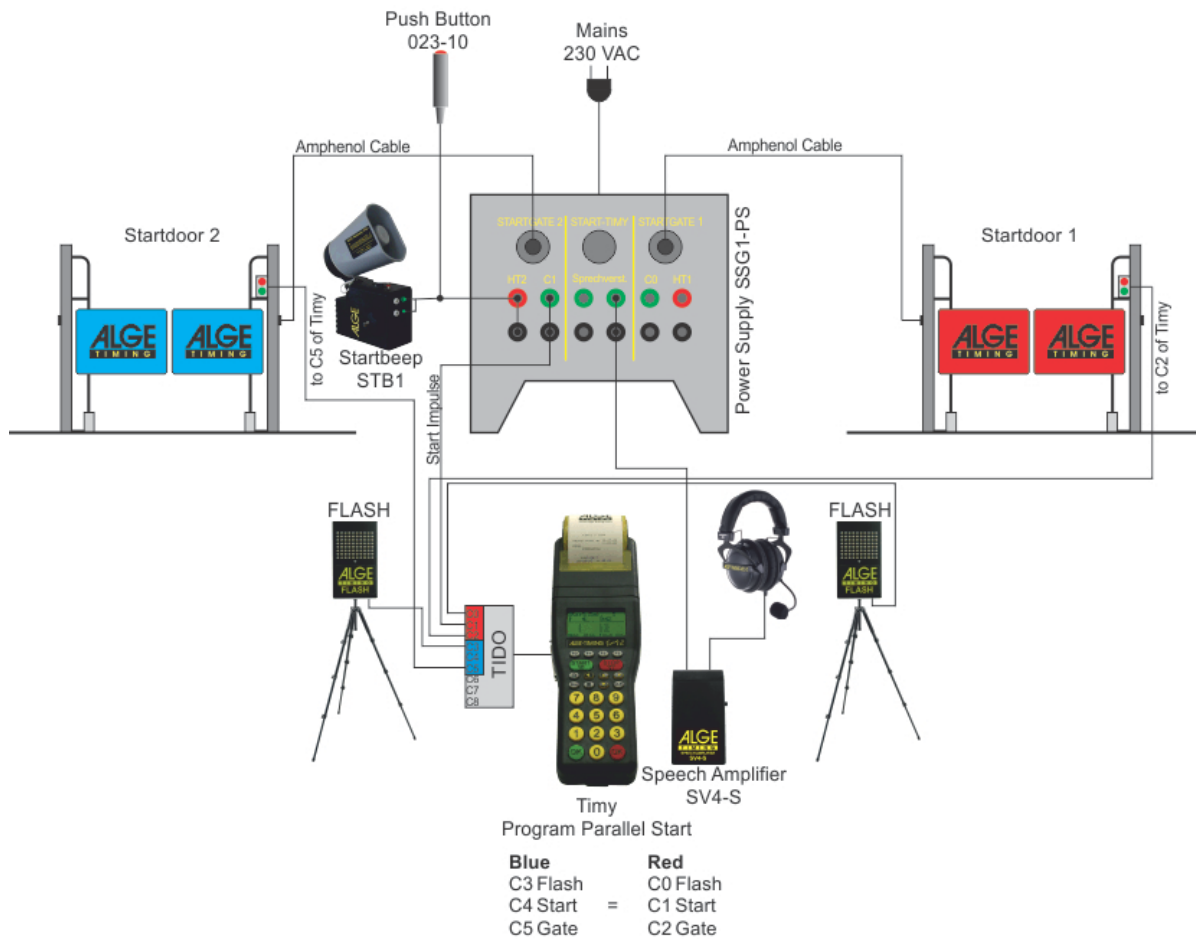
Before you start to operate the program adjust the parameters as described in paragraph 3.3.2 Mode and select False-Start.

If you have a race that have a parallel opening of the startdoors at all times use as described in paragraph 3.3.1 Common the selection "YES", if they open sometimes with delay select "NO".

Channels:

Blue: C3 Start out
 C4 Start in
 C5 Gate in

Red: C0 Start out
 C1 Start in
 C2 Gate in



3.2 Mode: Starter

It is used to set a delay for a startdoor. Often the startdoor should open with a delay for the 2nd heat. The delay is the time that one racer was faster in the first heat. This program is useable e.g. with the ALGE-TIMING Startdoor SSD1.

Example:

In the first heat the racer on red course wins with a lead of 0.32 seconds. In the second run the racer change the course. This means that now the racer that won the first run is now on the blue course and the startdoor of the blue course should open 0.32 seconds before the other racer starts.

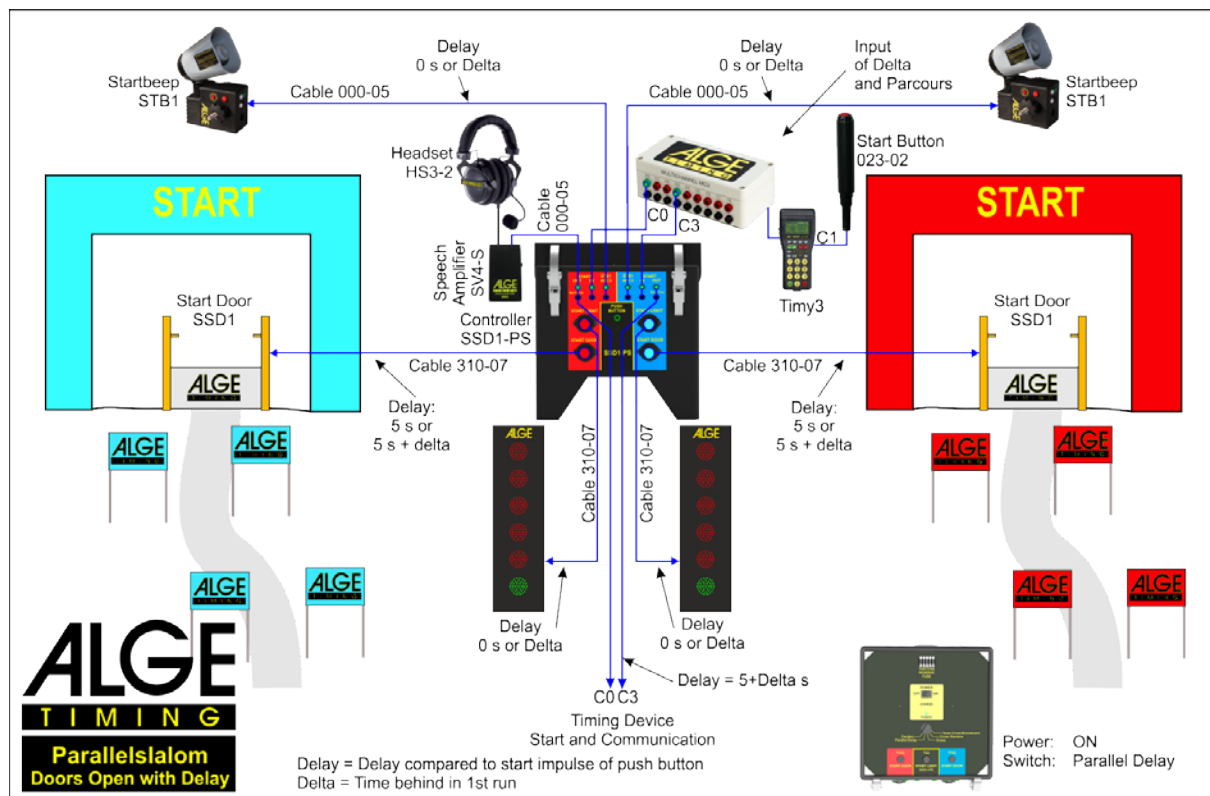
Operation:

- Input the delay time (3 digit, e.g. input 032 for 0.32 s)
- Confirm it with **OK** (green OK-key) for the delay of the blue course (red starts first)
Confirm it with **OK** (red OK-key) for the delay of the red course (blue starts first)
- Start the race by pressing **START ON** or **STOP OFF**

Channels:

Blue: C3..... Start out




Red: C0Start out



3.3 Menu

In the menu you can adjust different parameters and functions. (see manual Timy3 General).

For the program Parallel-Start the following menu you have to adjust:









- Get into the Menu by pressing the key .
- Use the arrow key  to move to <PARALLEL-START> and confirm with .
- Adjust the following menu points “Common” and “Mode”

3.3.1 Common

The mode <COMMON> allows to adjust the start mode. It is possible to select between two start modes:









- a) Both startdoors open always at the same time
- b) One startdoors open with a delay

Adjustment:

- Get into the Menu by pressing the key .
- Use the arrow key  to move to <PARALLEL-START> and confirm with .
- Use the arrow key  to move to <COMMON> and confirm with .
- Use the arrow key  to select between <NO> and <YES>
- Confirm the selected mode with  and press  to leave the menu

3.3.2 Mode

The program supports two different modes: <FALSE-START> or <STARTER>

- Get into the Menu by pressing the key .
- Use the arrow key  to move to <PARALLEL-START> and confirm with .
- Use the arrow key  to move to <MODE> and confirm with .
- Use the arrow key  to select between <FALSE-START> and <STARTER>
- Confirm the selected mode with  and press  to leave the menu

Subject to changes

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