



Manual



Please read the instructions carefully before use to avoid damage and improper handling on the T-up® Mk1.

Introduction:



We are pleased that you have chosen a high quality T-up® golf Produkt. The simple operation and the variety of applications will certainly inspire you. In order for you to enjoy this device for a long time, we ask you to read and observe the following informations carefully. We wish you a lot of successful training sessions with the T-up® Mk1.

„Swing it, don't think it!“

Intended use:

The T-up®Mk1 is used to store balles in a manual and a sequence mode in a training standard. (Driving Range, exercise mats, putting greens and meadows as well as plain surfaces). The T-up®Mk1 should not be used in rain or humidity. Other uses or modifications of the device shall be considered as not intended to be as intended. The manufacturer does not assume any liability for damage resulting from the use as not be intended.

Technical Data:

The device to load only to a properly installed protection contact socket. The mains voltage shall correspond to the voltage indicated on the nameplate. Only connect to AC.

Voltage charger:	100-240V~47-63Hz
Rated power batteries:	3,7V 900 mAh
Dimensions:	224x224x570 mm
Weight:	5kg
Height adjustment:	0-25mm

Packaging material:

It is not easy to waste packaging material but to recycle it. Paper, cardboard and corrugated packaging with paper shall be returned to a waste paper collection point. Plastic sheeting and foils in the required container.

Deposit note:



This product must be disposed of via normal household waste, according to electrical and electronic equipment at the end please provide free of charge at a municipal assembly centre for recycling of electrical and electronic equipment. Your community or city council informs you about disposals.

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1. Product overview

1.1 General information

The T-up®Mk1 is a portable golf training machine. With two possible training settings and an optional acoustic rhythm support, the T-up®Mk1 brings your training to a new level. For example, several strokes can be executed without changing the booth and grip. Repeatability of shots under identical conditions is possible and is efficient and constant. There are two training settings, the manual mode and the sequence mode, with or without rhythm support. In manual Mode (shot by shot) a sensor is triggered with the club to make the T-up®Mk1 serve a ball. In the sequence mode, the amount of balls required (up to 20 balls) and the distance in seconds are adjustable in which the balls are to be placed by T-up®Mk1. In both modes, an acoustic support can be selected, which can be set at speed (in bpm) and volume. Due to the patented storage technique of the T-up®Mk1, the ball is always placed rested at the required point. This allows the T-up®Mk1 to place the golf ball on tees, a plane hitting mat and even on the putting green. Up to 35 balls can be filled into the ball cup.

1.2 What you need to know

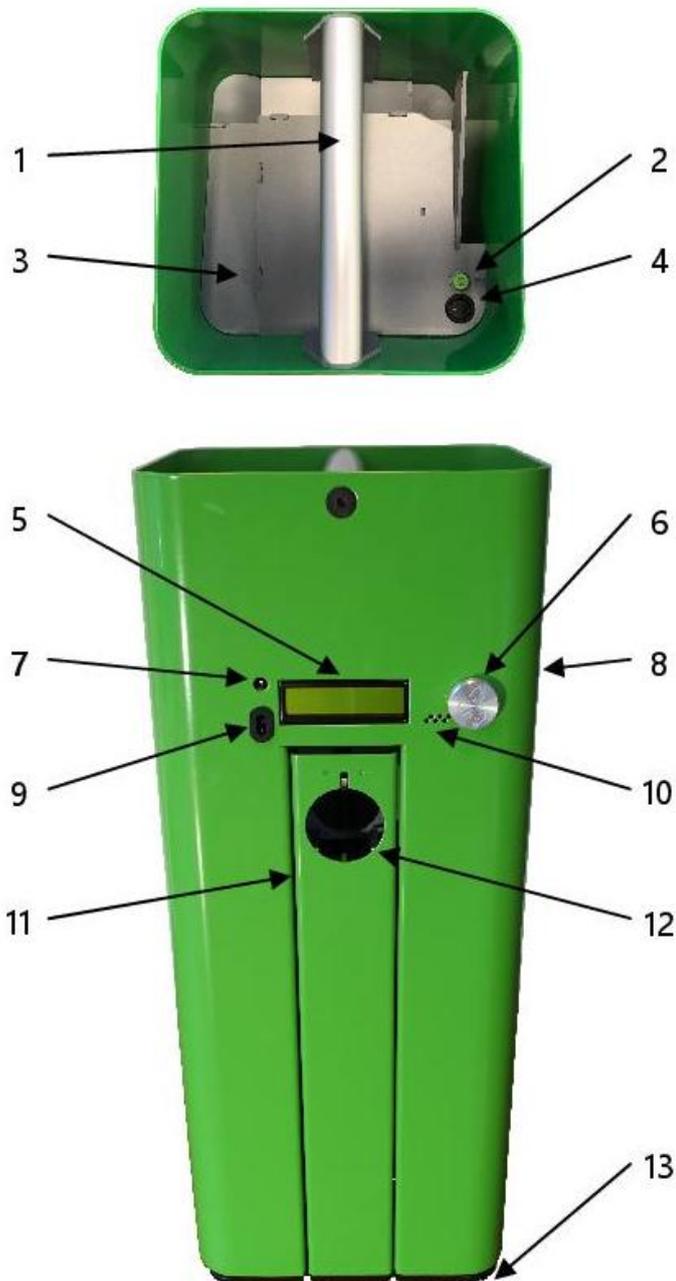
Before first use, you should carefully read the user manual to understand how it works and protect the device from damage. The function of the T-up®Mk1 is robust and simple, which requires proper handling.

1.3 WARNING

Disregarding the base instructions and security measures listed in the user manual may cause damage to your T-up®Mk1 and other property.

2. Product overview

2.1 Components of the T-up® Mk1



- | | | | |
|---|--------------------|----|-----------------------------|
| 1 | Carrying handle | 8 | Housing |
| 2 | Round bubble level | 9 | Sensor |
| 3 | Ball cup | 10 | Speaker |
| 4 | ON/OFF switch | 11 | Swing-arm |
| 5 | Display | 12 | Ball admission in Swing-arm |
| 6 | Rotary/push button | 13 | Adjustable feet |
| 7 | Charging socket | | |

2.2 Delivery of the T-up® Mk1

- T-up® Mk1 device
- Charger 220V
- T-up® Mk1 manual

2.3 Description of the T-up® Mk1

The T-up® Mk1 is a transportable training device, which is used by its programs to optimize your shot rhythm and stroke dose. The device weighs about 5 kg and can be used on driving ranges, in your own garden or other suitable practice places. All T-up® Mk1 are quality controlled in our factory. Therefore is it possible, that the ball bowl shines used. This is no reason for a complaint.

The single ball function (manual mode):

At the single ball function you can trigger a ball on the sensor, as required. To do this, you must keep the club directly in front of the sensor field (9).

The rhythm function (sequence mode):

At the rhythm function you can set the number of balls you want and the time of storage. You always get an audible warning from T-up® Mk1, before the next ball is placed.

The acoustic rhythm support:

In both modes can adjust a rhythm support, rhythm tempo in bpm and the volume. This allows the acoustic support to be adapted to the player's rhythm.

3. Application basics

3.1 Alignment the T-up® Mk1

The T-up® Mk1 has a tube level (2) and adjustable feet (13), which assist in setting up. First place the T-up® Mk1 to the desired position. Make sure that the pile height is not less than 2 cm and higher than 10 cm from the bottom edge of the T-up® Mk1. The Arm (11) must be able to rotate over the entire path to the storage point. Control the position of the tube level (2), in the housing. If the air bubble of the tube level is in circle, the device can be started. If this is not the case, you can adjust the device's inclination with the adjustable feet (13) until the air bubble is in the circle.

Aligning for storage on tee:

If the ball is placed on a rubber tee, loose a ball in manual mode by touching the sensor (9) and hold the arm (11) before turning back into the housing (8). Take the ball out and set the device with open arm so that the ball opening (12) of the arm is centered over the tee. Put the arm back in the case. The device is now designed to operate on the tee.

3.2 On/Off Switch

In the Ball bowl (3) next to the tube level (2), the on / off switch is located (4). If the T-up® Mk1 is not used for more than 3 minutes it switch in the stand by mode. By turning the rotary-/push button by 180 degrees, the stand by mode will be deactivated again.

3.3 Setting the functions

After you have activated the T-up® Mk1, it appears in the display:

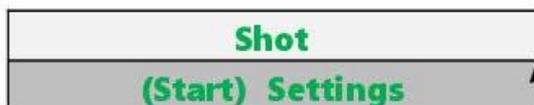
T-up
(Manu) Sequ AC

With the rotary-/push button you can choose between " Manu " (single ball function) and " sequence " (sequence function). To Select the function press once on the button (6).

3.4 Menu single ball function „Shot by Shot“



It can be choose "Start" left or "Settings" right.



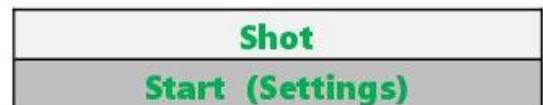
By choosing (Start), without changing the settings, the "shot by shot" function will start in the last setting.



After selecting "Start", the sensor enabled. At each Activation sounds a signal tone and the ball will be stored. If the acoustic rhythm support is enabled, the support starts after the storage of the ball until the sensor will activate again.



If choosing "Finish", the training unit ends. In the display appears again the starting menu and you can choose new settings.



In manual mode can you choose in the settings the acoustic rhythm support and adjust it.



The speed in BPM are the beats per minute which are available. (Metronom)



The volume is available from 0-100. At 0 the acoustic rhythm support is deactivated.



3.5 Menu rhythm function „Sequence Mode“



Es kann nun "Start" links oder "Settings" (Einstellungen) rechts gewählt werden.



Bei der Wahl (Start), ohne in den Einstellungen etwas zu Ändern, startet die "Sequence" Funktion in der letzten Einstellung.



Im Sequenz Modus wird anstatt der linken beiden „X“ die Anzahl der bereits geschlagenen Bälle und anstatt der rechten beiden „X“ die Menge der ausgewählten Bälle gezeigt. Mit (Finish) wird das Programm vorzeitig beenden. Ist die Sequenz fertig, erscheint im Display wieder das Anfangsmenü.



Im sequenziellen Modus kann die Anzahl der Bälle, der Abstand in Sekunden zwischen der Ballablage und die akustische Rhythmus-Unterstützung ausgewählt werden.



Hier wird die Anzahl der Bälle von min. 3 bis max. 20 Bällen ausgewählt.



Der Abstand in Sekunden für das Intervall zwischen den Ballablagen kann von min. 3 Sekunden bis max. 10 Sekunden gewählt werden.



Die Geschwindigkeit in BPM sind die Takte in der Minute die zur Auswahl stehen. (Metronom)



Die Lautstärke kann von 0-10 ausgewählt werden. Bei 0 ist die akustische Rhythmus-Unterstützung deaktiviert.



3.6 Menu AC (battery status)

Switch on and choose "AC" (Battery status)



In the display appears now the battery status.



A Signal sounds with a battery of 25% and one more time at 10%.

4. Battery informations and specifications

4.1 Warning. URGENT ATTENTION!

To load the T-up®Mk1 only the supplied charger must be used to avoid damage and injury!!!

For the loading of Lithium Ion Batteries there is a special charger that loads the batteries after a special battery charger. (CV = constant current, constant voltage).) the batteries must not be loaded over a voltage of 4,2 volts, otherwise there is a risk of fire and explosion. It is advantageous to load the batteries only up to about 4,1 volts, as this is the life span or the Number of cycles significantly increased (if applicable). Für das Laden von Lithium Ionen Akkus bedarf es eines speziellen Ladegerät, das die Akkus nach einem speziellen Ladeverfahren lädt. (CCCV = constant current, constant voltage.) Only Lithium Ion Chargers may be used for the loading.

4.2 Specifications

Trustfire 14500 - 900mAh 3,6V - 3,7V protected Li-Ionen cell (Flame)

Capacity	900mAh
Min. Capacity	800mAh
Rated voltage	3,6V - 3,7V
Load up voltage	4,2V
Unloading end voltage	2,75V
Chemical compoition	LiCoO2 (ICR)
Positive pole	Button Top
Protection	Protected up to 3A .
Diameter	14.15mm ± 0,1
Highth	50,95mm ± 0,15
Weight	22g ± 0,1
Loading process	CC-CV
Test results	lygte-info
Manufactor	Trustfire

Other features:

Lithium-ion batteries are thermally stable and are not subject to any memory effect. They work on the basis of lithium and are characterised by a high energy density

Notre: Lithium cells can only be operated with protected electronic!

Security:

Please note that lithium cells can only be used by authorised professionals. In the case of incorrect handling resp. Kurschluss can lead to fire development or explosion.

5. Loading the T-up®Mk1

5.1 The charger

!Watch out! To load the T-up®Mk1 just use only the supplied charger to avoid damage and injury!!!

5.2 Loading the T-up® Mk1

Switch of the T-up®Mk1 für charging. See Chapter 3. If the t-up ® mk1 is switched off, insert the charger into the intended socket (7).

6. Maintenance and storage

6.1 Switching off

It is recommended to disable the T-up® Mk1 after use in which you press the on / off switch. The T-up® Mk1 also has an automatic stand by function in which the device is transferred after 3 minutes without use. However, there is still a slight flow of electricity.

6.2 Maintenance

For a flawless function of the T-up® Mk1, we recommend to check the control of the swing arm and the ball recording fork in the arm on pollution. The T-up® Mk1 is designed in such a way that light pollution has no effect on the function. However, in order to ensure the durability of the T-up® Mk1, pollution in these areas should be controlled and provided with a brush and / or compressed air.

6.3 Service and support

If you have problems with the T-up®Mk1, we will be happy to contact you in the following contacts:

support@t-up-golf.de

or:

T-up® Golf Deutschland
c/o Schumacher Planen und Bauen GmbH
Im Auel 42 53879 Euskirchen
Deutschland 02251-7747050

7. Setup tips

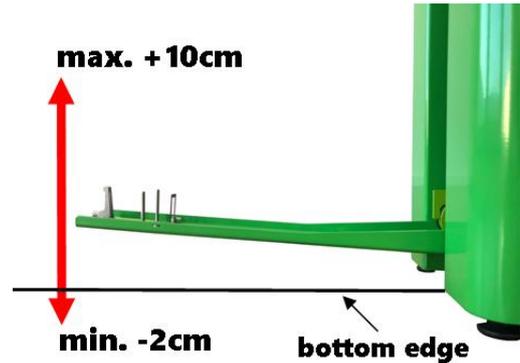
Fundamentals

Thanks to our patented myself technique, the ball is always stored at the desired point. The Ball will be held in the recording until it meets a resistance and the klemm wedge can release the ball. Therefore, the arm must not be obstructed in the price.



Alignment

The Mk1 has adjustable feet and a level lier dragonfly that helps you to align. Also make sure that the point where the ball is to be placed is not more than about 2 CM below and approx. 10 cm above the level of the device.

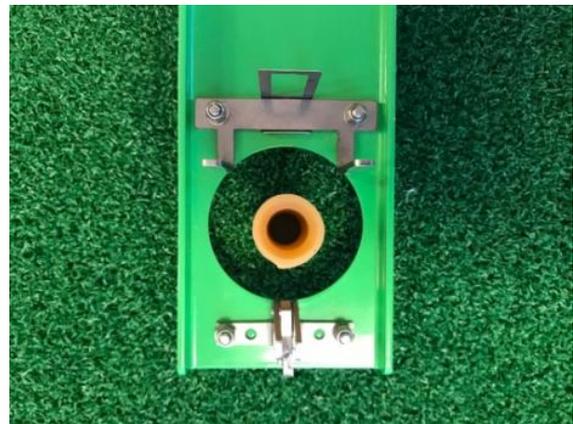


Alignment on a tee



Take the ball out and set the device with the open arm so that the ball opening in the arm is centered over the tee. Then let the arm go back into the casing, the device is now aligned for the operation on the tee.

If the ball is to be placed on a rubber tea, remove a ball slot in manual mode by touching the sensor and hold the arm before it turns back into the case.



Triggering in manual mode

The Photocell reacts reliably to light or reflective materials at a distance of up to 20 mm. There may be limitations in triggering with dark club heads. In this case, if you need one of the supplied metal stickers to the top of the club.

Filling with balls

Sort off heavily polluted or damaged balls before filling and fill the device evenly with a maximum of 35 balls.

Height off ball storage and swing arm speed

You may need to reduce or increase the swing arm speed in the storage point for the storage of different high tees. The arm should not swing over the storage point by too much speed. In Manual Mode, you will set a ball tray and hold the arm before it turns back into the case. Then rotate the multi-stage distance ring on the left side of the upper bar so that the preload of the spring changes and thus the desired arm speed. The higher the preload, the slower the arm, and conversely.



You can also adjust the backswing speed of the arm at the screw (Red Arrow). Solve the screw with your hand. To the right, the spring effect becomes stronger and so the backswing speed slower. To the left, the spring effect is less and so the arm speed will be faster.

The first training

If you've never trained with the device, start in manual mode and familiarize yourself with the storage speed. If you're familiar with everything, start with the sequence training. At www.t-up-golf.de/#training you'll find some training forms.

Please note these points and read carefully the user manual of the menu, then you will have a lot of pleasure during training with the Mk1.

And now have fun at training, get in the groove!!



www.t-up-golf.de

www.facebook.com/tupgolf.de

[www.youtube.com „T-up Golf“](https://www.youtube.com/„T-up Golf“)

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