

TimeTronics

Product Brochure Electronic Start System



2024v2

SPORT TIMING SYSTEMS



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1. Electronic Start Device

In combination with a **Trolley SpeakerBox** sound system (TTC-123 and TTC-124), you have a professional start system without a classic gun.

- No bullets anymore
- No weapon license needed, less administration.
- Easy connection to all Argus – MacFinish photo finish systems



TTC-063
Electronics Start Device

a. What is an Electronic Starting Device?

- It is an **electronic audio-visual start signal generator** that can be used for all types of races. It generates a start signal by sound and flashlight
- It does not use gunpowder and is safe to handle
- It can generate a synthesized firing signal or an electronic beep
- The start official can use a Headset Microphone to amplify and communicate his/her voice message to the athletes

b. Advantages of the TTC-063 Pro

- The Pro system has a pre trigger point (like a traditional start gun)
- The Pro system has a strong (visible) flash light
- The Pro system is robust

2. Starter Central Unit + HeadSet

The Starter Central Unit is the command center to operate the Electronic Start System (Electronic Start Device + SpeakerBox). You can check the ready status of the photo finish system.

- This device will be connected to the start signal.
- Headset can be connected.
- Electronic Start Device or Start Detection can be connected.



TTP-1248
HeadSet



TTP-1225 + TTP-075
Starter Central Unit + Tripod

3. SpeakerBox Trolley TTP-1226 and Speaker TTP-1130

To hear the actual starting sound, you need to connect the electronic start device to a **speaker system**. For this reason we have developed a SpeakerBox Trolley which you can easily take with you to the different start locations.

Advantages of the SpeakerBox

- The starter or assistant can easily take the Trolley with him/her to the different start locations
- Easy control with the Starter Central Unit
- All athletes can hear the starting shot **without delay** with optional additional speaker (TTC-124), please note that you can add max 2 of these speakers to the Trolley SpeakerBox (TTC-123).



TTP-1226
Trolley Speakerbox



TTP-1130 Optional Additional Speaker
(Which can be placed closer to the athletes,
e.g. one in lane 3 and one in lane 6)

4. Standalone or in combination with Photo Finish System

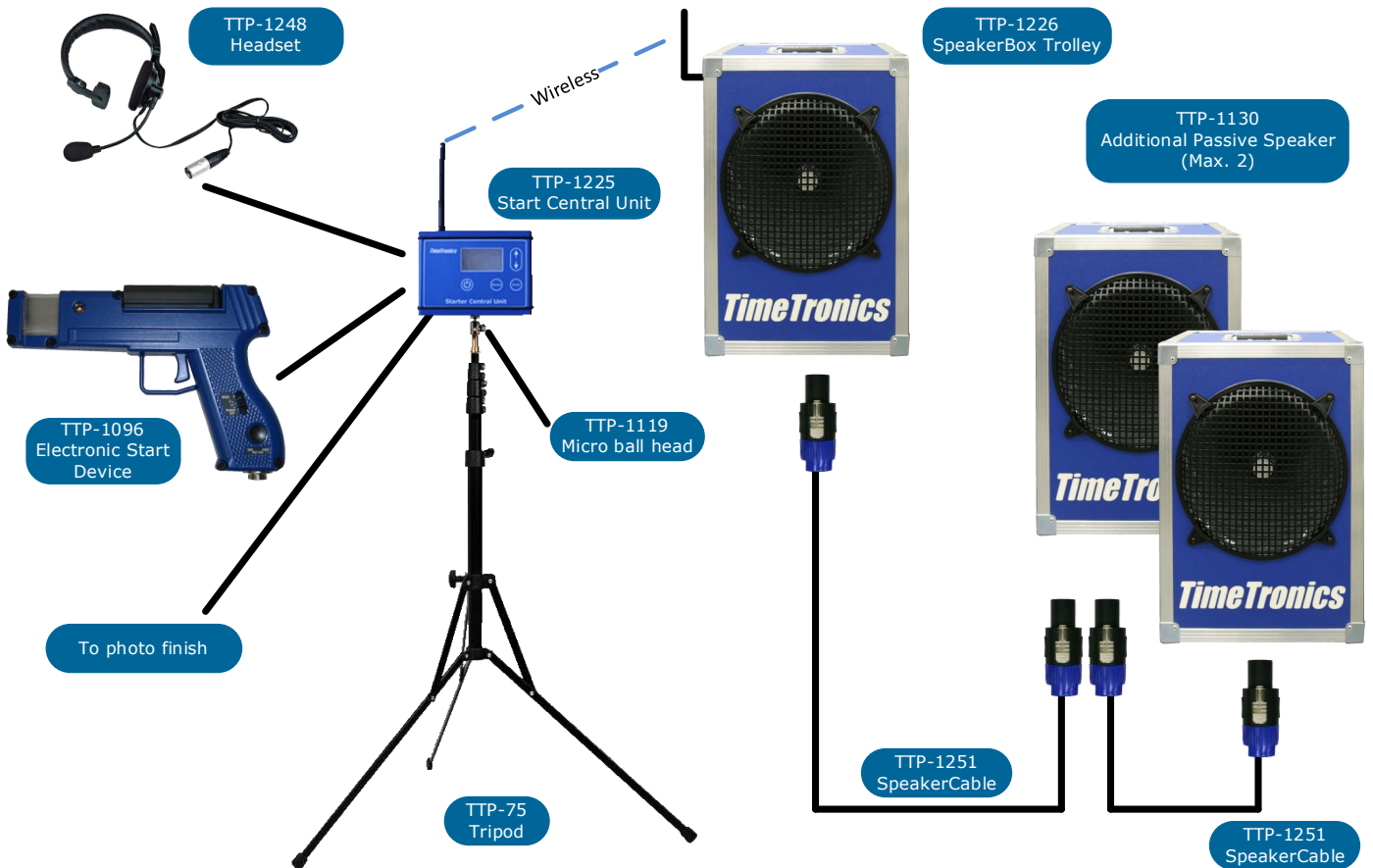
The Electronic Start System = combination of Electronic Start Device (TTC-063) and SpeakerBox Trolley (TTC-123) and optional Additional Speaker(s) (TTC-124) can be used:

- Standalone: for example, x-country runs, street runs, etc
- In combination with photofinish Argus or MacFinish

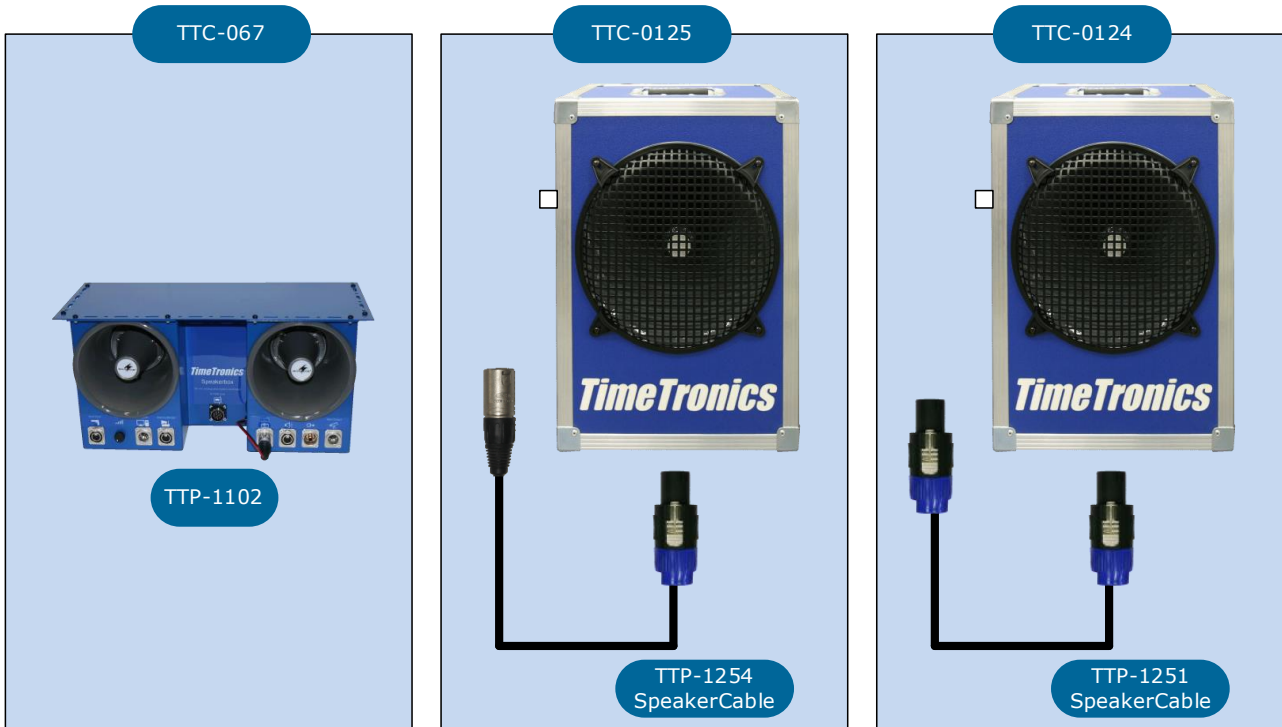
5. Optional products

Product picture	
<p>TTC-124 Optional additional speaker Max 2 extra speakers</p>	
<p>TTP-1123 Optional carrying case for Electronic Start Device (products not included, only case with protecting foam)</p>	

6. Schematic



7. Setup options with old SpeakerBox TTC-0067



8. Configuration content:

TTC-0123 Trolley SpeakerBox with Start Central Unit

Part Number	Quantity	Description
TTP-0072	1	Battery charger - 220VAC, 12VDC, 0.9A
TTP-0075	1	Tripod 55-190cm (Compact)
TTP-1119	1	Micro ball head
TTP-1225	1	Starter Central Unit
TTP-1246	1	SpeakerBox Trolley
TTP-1245	1	Battery Charger 100-240VAC; 8.4VDC; 0.5A
TTP-1248	1	Headset 4-pin XLRM
TTP-1249	2	868 MHz flexible antenna
TTP-1250	2	BNC Antenna

TTC-0124 Additional Speaker for Trolley SpeakerBox

Part Number	Quantity	Description
TTP-1230	1	Passive Speaker 38W
TTP-1251	1	Speaker Cable Speakon-Speakon 2x1.5mm 20 meter
TTP-1252	1	Cable Haspel

TTC-0125 Additional Speaker for Old SpeakerBox

Part Number	Quantity	Description
TTP-1230	1	Passive Speaker 38W
TTP-1251	1	Cable Haspel
TTP-1254	1	Speaker Cable Speakon-Neutric 3P 2x1.5mm 20 meter

TTC-063 Electronics Start Device Pro with Flash

Part Number	Quantity	Description
TTP-978	1	Electronic Start Device Pro with Flash
TTP-1117	1	Electronic Start Device Pro Connection Cable

Optional TTP-1123 Carrying case for Electronic Start Device Pro



Disclaimer:

- All pictures shown are for illustration purposes only, actual product may vary.
- TimeTronics cannot be held liable for possible errors in this document.
- All specifications and descriptions provided herein are indicative and may be different from the actual specifications and descriptions for the delivered product.

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