

Compatibility Chart

Tronix SpeedFire Model	Compatible Flash Models
Canon	Canon 580EXII Canon 580EX Canon 550EX Canon 540EZ Canon 430EZ Canon MR-14EX Canon MT-24EX
Nikon	Nikon SB900 Nikon SB800 Nikon SB80DX Nikon SB28DX Nikon SB28 Nikon SB27 Nikon SB26 Nikon SB25 Nikon SB24 Nikon SB20 Nikon SB11 Nikon SB22

Performance Table

Flash Model	Manual Flash Output Level	Recycling Time
Canon 580EXII*	1/64	< 0.05 seconds
	1/32	< 0.05 seconds
	1/16	0.05 seconds
	1/8	0.12 seconds
	1/4	0.23 seconds
	1/2	0.44 seconds
	1/1	0.70 seconds
Nikon SB-900	1/64	< 0.05 seconds
	1/32	< 0.05 seconds
	1/16	0.05 seconds
	1/8	0.09 seconds
	1/4	0.18 seconds
	1/2	0.36 seconds
	1/1	0.92 seconds

*Recycling using internal batteries disabled (C.fun-12 set to 0)

CAUTION! ⚠

Do not make any changes or modifications to the product unless otherwise specified on this manual. Should there be any changes or modifications made, you could be required to stop the operation of the equipment.

Innovatronix shall not be liable to any damages or problems arising from the usage of any options, any accessories, or any products other than those designated for the products itself. The customer uses this product at his own risk and Innovatronix and/or the seller will not be held liable under any damage or injury, including but not limited to loss of properties, due directly or indirectly from the use of the product.

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Need More Help?

Contact us thru email and we will get back to you within 24 hours! Send in your inquiries at marketing@innovatronix.com

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Visit our website for more product information and other exciting electronic deals!

www.innovatronix.com

Speedfire is manufactured in the Philippines by:

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innovatronix

Warranty Statement

The Tronix SpeedFire is covered by a one-year warranty from the date of purchase. From that date, the product should be free of any defect in material and workmanship and it will function in accordance with our stated performance.

Within this period, Innovatronix, Inc. will repair or replace defective parts. This warranty only covers failures due to manufacturing defects and workmanship; hence, breakdown of the unit due to gross abuse and normal wear and tear is not covered.

There are no warranties for use except as stated therein. For unsafe and/or faulty repairs, Innovatronix, Inc. and/or sellers shall not be liable for such cases. Any alterations made to this product by unauthorized service technicians are the sole responsibility of the owner. Our maximum liability for any breach of this agreement or other claim to the use of this product shall not exceed the purchased price of the product by the customer.

Warranty registration is not required. Warranty is applicable if and only if the product is used under normal conditions for its intended purpose.



Maintenance

- Clean the Tronix SpeedFire before and after use.

- To clean the unit, wipe it with dry cloth. Do not use any liquids or detergents.

- Return the Tronix SpeedFire to its pouch bag after use.

- Unplug the Tronix SpeedFire from the AC outlet and from the flash when not in use.

- Continuous usage may cause the Tronix SpeedFire to heat up. Allow the unit to cool down as not to degrade its performance

Safety Instructions

•You MUST read and understand this user's guide carefully before using the unit.

•The unit should not be subjected to damage or stress. It should be kept away from being step on or tripped over.

•Do not expose the unit to moisture and liquids.

•Never touch exposed metal parts such as the contacts in the plugs and sockets as this could cause an electric shock.

•Never leave the unit unattended when turned ON.

•Use the unit only for its intended purpose and with the specified flash models.

•Do not disassemble the unit. Improper alteration or modification can cause the unit to malfunction. It can cause an electric shock and fire as well. In doing this, the warranty is void.

•Always keep your unit in good working condition.



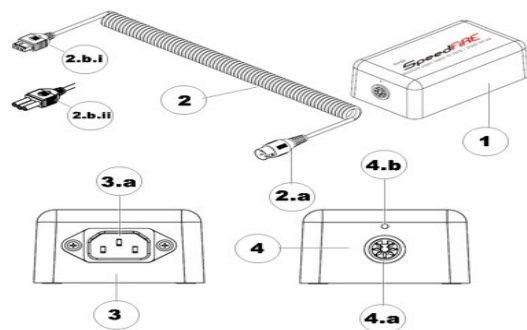
Getting Started

What's in the box?*

- 1 x Tronix SpeedFire
- 1 x Connector cable (depends on the model)
- 1 x AC power cord
- 1 x User's guide
- 1 x Pouch bag

*Contact Tronix customer care service (or seller) if package deemed incomplete.

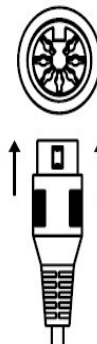
The Tronix SpeedFire Nomenclature



- 1 Tronix SpeedFire
- 2 Connector Cable
- 2.a Connecting plug to Tronix SpeedFire
- 2.b.i Connecting plug to flash (for Canon model)
- 2.b.ii Connecting plug to flash (for Nikon model)
- 3 Tronix SpeedFire input side
- 3.a Input AC socket
- 4 Tronix SpeedFire output side
- 4.a Output DC socket
- 4.b LED Indicator

Basic Operation

1. Insert the flash connector plug of the Tronix SpeedFire.
2. Use the connecting cable (2) to setup the tronix Speedfire to the speed light
 - A. Connect 2.b.i or 2.b.ii to the speedlight
 - B. Connect 2a to the output DC socket (4.a)
3. Connect the AC cord to the Input AC socket (3.a) of the Tronix Speedfire.
4. Plug the other end of the AC Cord to the AC wall outlet.
5. The LED indicator should light up indicating power on the output DC socket.
6. The Speedlight should charge and now ready for use.



Operation Notes

•The unit will be active once it is plugged on the AC wall. The LED indicator should light up.

•The Tronix SpeedFire provides power to the flash to reduce its recycling time. Other functions of the flash such as the LCD display and controls are powered by the internal batteries of the flash.

•Replace the internal batteries of the flash with fresh ones when the recycling time exceeds 3 seconds.

•The Tronix SpeedFire allows the flash to fire full power bursts faster than normal and this may cause the flash's temperature to rise rapidly. Allow the flash to cool down for at least 10 minutes after firing 40 continuous full power flashes to avoid any damage to the flash.

•The Tronix SpeedFire has a thermal shutdown feature. If it gets too hot due to continuous usage, it will shutdown. Allow the unit to cool down in order to restart it.

Technical Specifications

Physical Dimensions

Length :	12.85 cm (5.06 in)
Width :	7.45 cm (2.93 in)
Height :	5.20 cm (2.05 in)
Weight :	282.8 g (9.98 oz)

Cord Lengths

AC power cord :	168 cm (66.1 in)
Flash connector cable	
Unextended :	41 cm (16.14 in)
Extended :	300 cm (118 in)

Electrical Characteristics

Input Voltage :	100V – 240V AC
Output Voltage :	330V DC
Output Current :	800mA peak
Output power: :	260 W

Troubleshooting

Problem	Possible Causes	Solution
Tronix SpeedFire does not turn on. LED indicator is off.	Loose connection of the AC power cord.	Reconnect the AC power cord. Ensure that the Tronix Speedfire is plugged securely to the AC wall outlet.
	Unit has entered thermal shutdown.	Allow unit to cool down then restart the unit.
	Output has shorted.*	Unplug unit and check external components (cables and sockets) for possible causes of short the short circuit.
Tronix SpeedFire turns on, but flash recycling time is too long (>3 sec).	Internal batteries of flash have drained. Internal batteries still recycle the flash in parallel to the Tronix SpeedFire.	Replace batteries in the flash.
	Loose connection to the flash.	Ensure to tighten the connector cable.
	Connector cable is not plugged into the flash.	Plug the connecting cable to the flash and Speedfire. Restart the unit.

*Tronix SpeedFire will enter thermal shutdown if shorted for 5 minutes.

Warranty Card