



FlexTimer® Generation 2

A High Current, Rugged, User Programmable, Low Cost Timer to protect your valuable aftermarket electronics and your vehicle battery. Designed and made in the USA. The Timer features both High (16.5V) Voltage cutoff and Low (10.5V) Voltage cutoff, as well as both auto-sense (engine must be running) and hard wired (ignition switch must be on) timer reset function. Four water-resistant DIP switches allows 12 user programmable timer cutoffs from 6 minutes to 8 hours.

Slate - <i>Output to Load 12AWG</i>
Black - <i>Module Ground 16AWG</i>
Red - <i>Input Power 12AWG</i>
White/Red Stripe - <i>Ignition Sense 16AWG</i>
ATC Fuse - <i>30 amp Max</i>

Timer Settings				
1	2	3	4	Time
0	0	0	0	6 min
0	0	0	1	15 min
0	1	0	0	18 min
1	0	0	0	24 min
0	0	1	0	30 min
0	1	0	1	45 min
1	0	0	1	60 min
0	1	1	0	90 min
1	0	1	0	2 hours
0	1	1	1	3 hours
1	0	1	1	4 hours
1	1	1	1	8 hours

Dimensions	
Height	1.25 in (2.75 cm)
Width.....	2.00 in (5.00 cm)
Length	4.25 in (11.0 cm)
Weight	0.5 lbs (230 g)

Status LED's	
Solid Green	Output Power OK, Timer OFF
Flashing Green	Output Power OK, Timer ON
Solid Red	No Output Power, Timed Out
Flashing Red	No Output Power, Low Voltage

Cutoffs	
High Voltage	16.5 V after 3 Secs
Low Voltage	10.5 V after 10 Secs
Timer Expiration.....	User Program
Operating Temp.....	-4° F to 176°F
Standby Draw.....	<8mA

Installation Procedure

1. Locate a fused power source of proper size that is always on (Battery Hot). Maximum current draw is 30 amps. A wire sizing chart is available at <http://wiredrite.com/download/wiregauge.pdf>. Do not attach power yet!
2. Mount the FlexTimerG2® at your desired location. The unit is designed to withstand the rigors of a mount in the engine compartment, but must not be submerged.
3. Set the timer DIP switch settings to your desired value. See chart above for settings.
4. If you are using the Ignition Sense method of triggering, attach the White/Red Stripe wire to a power source that is ON when the ignition switch is in the ON position.
5. Attach the module ground wire (BLACK) to an appropriate ground.
6. Attach your load to the SLATE wire.
7. Attach the Battery Hot wire from step 1.
8. Test your installation and modify the DIP switch timer settings if necessary. In order for the new setting to be recognized, the input power must be cycled once.