

Instruction Manual

Gryphon Tiny Booster (GAB-3300)

The Tiny Booster GAB-3300 is a light and compact size glow plug ignitor for Nitro Engines, equipped with a built-in push button and timer function for stand alone usage. It is also able to operate automatically with the use of a "trigger" optional cable linked to a Hall sensor and also with a Y cable linked to the Hall Sensor plug of standard Nitro Engines Governors / FBL built in Governors.

TECHNICAL SPECIFICATIONS

Input voltage : 3.2V~16V(1~3 LiPo Cells)
Timer : 12sec
Current draw : 0.75A @ 7.4V
 0.95A @ 6.0V
 1.30A @ 5.2V
Size : 8mm(H) x 17mm(W) x 27mm(L)
Weight : 4g (Main unit)
 15g (Cable included)

SAFETY NOTES

- Do not use on Multicylinder Nitro Engines
- Disconnect Tiny Booster power supply for transportation
- Do not expose to water or chemicals
- Respect the RC model basic safety rules
- Do not reverse polarity
- In case of crash inspect unit for any possible damage

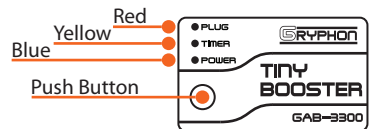
OPERATION INSTRUCTIONS

- You can feed power to the Tiny Booster with an external battery (Lipo 2S 450mAh for example) to avoid using a receiver channel port, or feed it with an available receiver channel port (Do not use the signal wire in that case).
- An automatic fuse circuit will prevent circuit loss and protection of the receiver battery / power supply in case the glow plug would be defective or in case of short circuit on the glow plug wire or terminals.
- An overheating protection circuit will shut down the Tiny Booster in case the circuit temperature gets too high (for example with too many repeated attempts to start a faulty engine / wrong fuel line). Once the unit has cooled down, normal operation can be processed.
- The 3 different colors leds will indicate the state of the Tiny Booster:

RED LED : Glow Plug Ignition
YELLOW LED : Timer (12sec)
BLUE LED : Power on

Smart Cable Operation (Sold Separatly)

When using the genuine " Smart Cable" from Gryphon, simply plug it to the Hall Sensor of your nitro engine, or to the hall sensor plug of your Nitro Governor / FBL Governor if it has built in governor with a Y cable. The Smart Cable will pick up the Hall Sensor signal and will activate the ignition at a pre determined rotation speed / starter speed and allow the engine to start. The built in timer will prevent continuous ignition of the glow plug after the enging is effectively started,



Smart Cable



IN CASE OF SERVICE REQUEST:

E-mail : service@gryphon.co.kr / www.gryphon.co.kr / www.gryphon-mall.com

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