YGE TexY

Quick Guide
(FW: V1.03)

General:

The smart adapter cable TexY scales up the telemetry of our new generation of speedcontrollers (T-series) by three more manufacturer protocols:

- **FUTABA SBUS2**
- **FrSky S.Port**
- **Spektrum XBUS**

The startup is Plug'nPlay with Autodetect!

Connections:

3-pin JR-connector: **ESC connection, blue plug**
4-pin JST-connector: receiver connection (telemetry-port)
4-pin Micro-connector: Only for RPM-output for external Governor with Spektrum XBUS
(adapter cable available on request)

Power supply:

TexY is powered by the receiver side. Most receivers also provide the BEC-voltage on the telemetry connection. Due to this, TexY can also be used with the Opto speedcontrollers 90HVT and 120HVT.

RPM signal for external governor:

The Rpm signal of our controllers (blue plug, red wire) will be automatically provided on the output of TexY! So there will be no disadvantage if you use an external governor (Flybarless-System) or other add-ons. For using the RPM signal with Spektrum XBUS an adapter cable is necessary, which is available on request.

LEDs:

TexY has 4 status- LEDs which indicate the current operational situation.

LED-state	Blue	Green	Orange	Red
Telemetry	YGE	Spektrum	FrSky	Futaba
Connecting or Config-Mode (short flash)	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○	●○○○○○○○○○
Connected (flashing slowly)	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○	●●●●●○○○○○
Autodetect-Mode or Connection lost (fast flashing) Autodetect color change: green→orange→red	●○●○●○●○●○	●○●○●○●○●○	●○●○●○●○●○	●○●○●○●○●○
All LEDs steady: setup by hand. Press the button until thecorrect LED lights up. red→orange→green etc. if done, disconnect → configuration saved.	●●●●●●●●●●	●●●●●●●●●●	●●●●●●●●●●	●●●●●●●●●●

●→ On ○→ Off

The blue LED shows that the YGE-protocol is activated at the input (ESC). It means that the blue LED flashes in every configuration.

Autodetect mode (factory setting):
At the initial startup TexY starts in Autodetect mode unless it was preprogrammed as factory setting. Starting with Spektrum all the supported telemetries will be scanned one after the other. The colours of the LEDs are flashing accordingly. If a specific telemetry was detected, the respective LED flashes slowly → connection saved! A new scan is possible by switching the receiver voltage off and on.

If no signal is detected all LEDs will blink constantly. In this case the desired telemetry can optionally also be selected **manually** by pushing the button and setting the color. The selected telemetry will be saved by disconnecting the receiver supply.

Restoring Autodetect mode:
If you detect or select the wrong telemetry, you can bring TexY back to AutoDetect-mode by pushing the button for at least 3 seconds.

ESC settings:
All LVT- and HVT-speedcontrollers are set to the YGE-protocol (factory setting). This setting is correct for the use of TexY.
Please note that the telemetry data is only visible after the ESC is powered up and armed. Once the blue TexY-LED is slowly flashing, the ESC is ready.

Advice for Futaba:
If you use TexY with Futaba, TexY must be set to Futaba FIRST (Usually Autodetect). You can then assign the slot-configuration in the transmitter. Please note, without assigning the slot-configuration no telemetry data will be visible.

Technical specification:

Type:	Intelligent telemetry adapter
Supply voltage:	4V...12V only at 4-Pin JST-connector
Power consumption:	20mA @5V
Temperature range:	-10°..70°C
Compatibility:	All YGE LVT- and HVT-speedcontrollers. Speedcontrollers without „T“ are not compatible.
Weight:	approx. 3g
Dimensions:	39 x 12 x 9mm

Warranty:

Our warranty conditions are based on the European Statuary Warranty**.** Any other requirements are excluded. That applies in particular to requirements for damage or injuries compensation due to malfunction or failure. For damages to property or personal injuries and their consequences, which developed from our supply or craftsmanship, we do not take any liability, since we have no control on handling and use.

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