Günther7 2.4GHz FASST Receiver Manual

Thank you for purchasing an ASSAN Günther7 Receiver.

Günther series receivers are Futaba FASST compatible receivers, worked with FASST system, include Radios and Modules.
Günther7 is one 7/18 channels receiver, the functions like a Futaba top FASST receiver have.

Features

Full range receiver with dual antenna diversity that can be used in any application
Have RSSI and S.BUS usage
Three channels output mode can be programmed (Mode A: CH1~CH7; Mode B: CH8~CH12+DG1+DG2; Mode C: CH1~CH5+RSSI+S.Bus)
Two Günther7 can worked together as a 14 channels receiver combo(12 proportional channels and 2 switched channels)
S.BUS servo channel changer
Normal mode and High speed mode(CH1~CH6)
Fail safe and Battery Fail safe
High voltage support

Specifications

Voltage Range: 3.5~8.4V
Dimensions: 45 x 21.5 x 11 mm
Weight: 9g

Output Speed Mode Select

The output speed mode is on Normal mode from factory shipping. When want to change the mode, please fellow the steps shown below:
STEP 1: Turn off Günther7 receiver.
STEP 2: Press and hold the Bind/Mode switch and turn on the Günther7 receiver. Less than one second, the LED flashing with the current status: Red blink means Normal mode, Green/Red blink means High Speed mode. Keep the switch hold on more than one second, mode changed, then the LED solid show status of the changed. Red solid means Normal mode, Green/Red solid means High Speed mode.
STEP 3: Release the switch.
STEP 4: Turn off Günther7 receiver.

Please check the output speed mode by observing the LED when turn on Günther7 receiver. If possible there's no FASST radio turn on around you, the LED will be:
Red when on Normal mode or Green and Red when on High Speed mode, and after one seconds, the LED will changed to Red.
If there have some FASST radios turn on around you, the LED may show above status with a very short time then changed to show working status as below table described.

Green	Red	Status
Off	Solid	No signal reception
Solid	Off	Receiving signal
Blink	Solid	Receiving signal but ID is unmatched

Warning

The High speed mode accept the digital servos only, if any analog servos connected to CH1~CH6 may cause malfunction.
When Günther7 receiver bind with T3PK/T4PK radio, the output speed mode will be set by radio, please read T3PK/T4PK radio manual

How to Binding

Günther7 receiver need bind to a FASST system radio before using. Futaba call Binding process as Link with transmitter. It's very simple and easy.
STEP 1: Turn on radio, turn on Günther7 receiver.
STEP 2: Press Bind/Mode switch more than 2 seconds, after LED stop blink, release the switch.

Fail Safe

Futaba FASST radios have Fail Safe setting. By this way, Günther7 receiver got such information. You needn't do anything if radio's Fail Safe have been set ready. About this, please read your radio manual carefully.
When you accept TM7/TM8 FASST module on your radio, if you need adjust the throttle (CH3) Fail Safe position, you need set your Günther7 receiver as this way:
STEP 1: With the radio's throttle stick in a desired Fail Safe position, turn on radio. Green blinking on the TM7/TM8.
STEP 2: Turn on Günther7 receiver, press and hold the Bind/Mode switch a little more than 1 second. Red blink, then release the switch.
STEP 3: Turn off the radio, the throttle servo should move to the Fail Safe position.

Battery Fail Safe

Battery Fail Safe also depend on your FASST radio's set. Please read your radio's manual paper carefully.

Channels output mode select

Günther7 receiver has three channels output modes, the table below shows:

LED	Red Solid Green Blink	Red Blink Green Solid	Red Blink Green Blink
Output Connector	Mode A	Mode B	Mode C
1	CH1	CH8	CH1
2	CH2	CH9	CH2
3	CH3	CH10	CH3
4	CH4	CH11	CH4
5	CH5	CH12	CH5
6	CH6	DG1	RSSI
7	CH7	DG2	S.BUS

When you need change the channels output mode, please fellow the steps shown below:
STEP 1: Turn on Günther7 receiver.
STEP 2: Press and release Bind/Mode switch three times quickly (within 1.5 second). LEDs show current status as the above table described.
STEP 3: Press and release Bind/Mode switch shortly one time to change the output mode.
STEP 4: Press Bind/mode switch more than 2 seconds to quit the mode select way. Then Günther7 receiver will back to normal working way.

S.BUS servo channel setting

STEP 1: Connected the S.BUS servo to the channel what you want to set.
STEP 2: Turn on Günther7 receiver. You'd better turn off your radio at S.BUS servo channel setting period.
STEP 3: Press and release Bind/Mode switch three times quickly (within 1.5 second). LEDs show current status (Mode A, Mode B, Mode C). The S.BUS servo channel will be set at current mode's channels immediately.
STEP 4: If you wanted channel is not in such Mode, press and release the Bind/Mode switch one time shortly to change the Mode. The S.BUS servo channel will be set at new mode's charnel immediately.
STEP 5: Turn off Günther7 receiver, remove S.BUS servo from the port.

Have Fun!

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