



T32MZ

GYA553



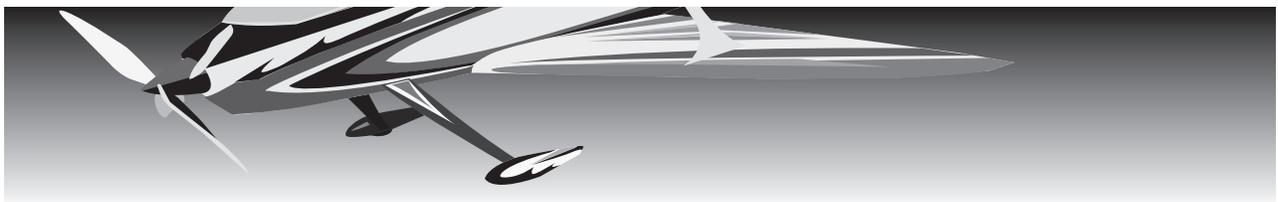
T32MZ

GYA553

Setting manual

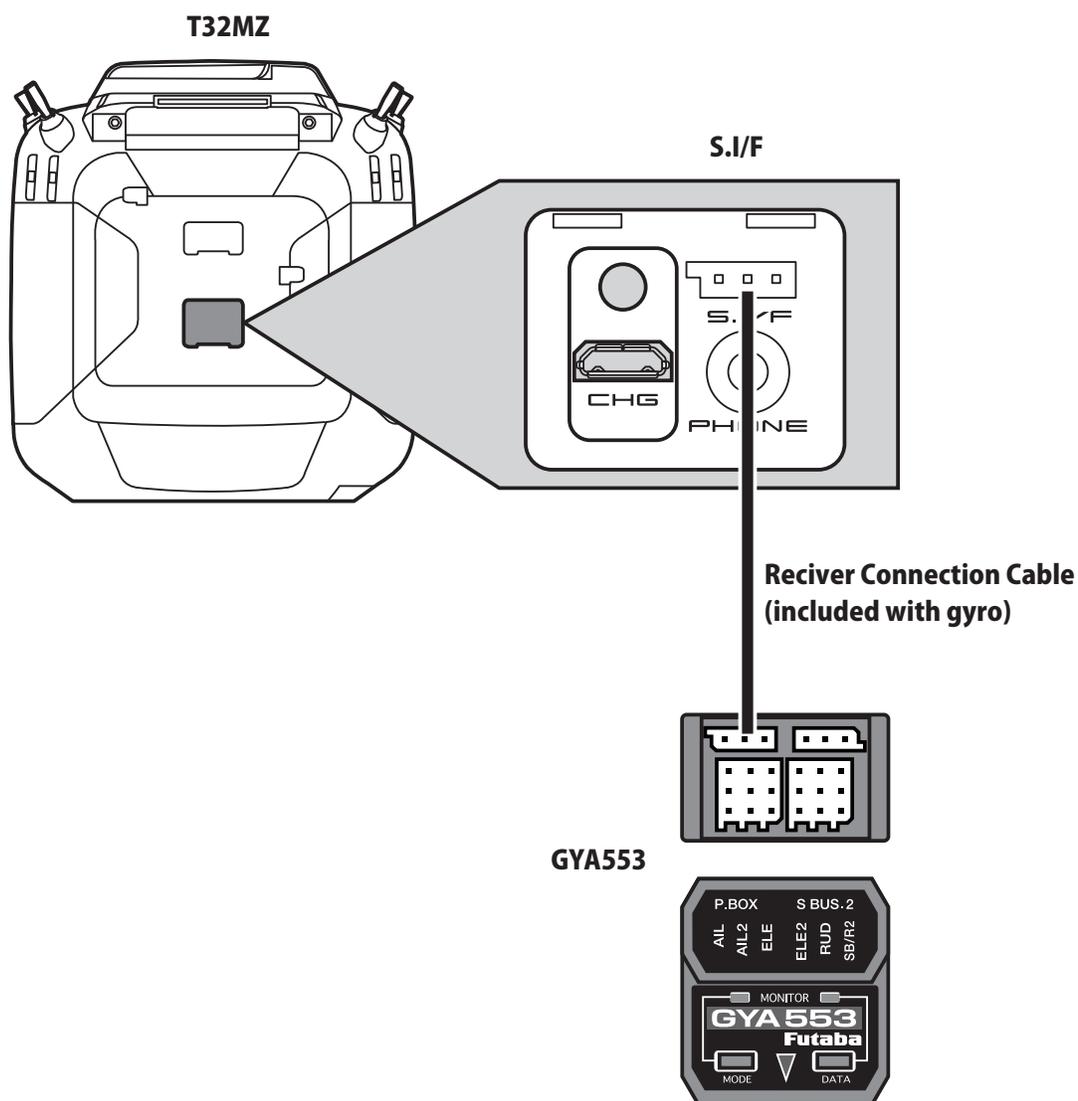
Futaba

1M23Z06813



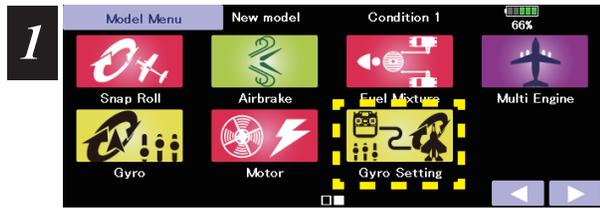
By installing the latest software (Ver3.4 ~) on the T32MZ, you can setting the airplane gyro GYA553 on the T32MZ.

Connection T32MZ and GYA553

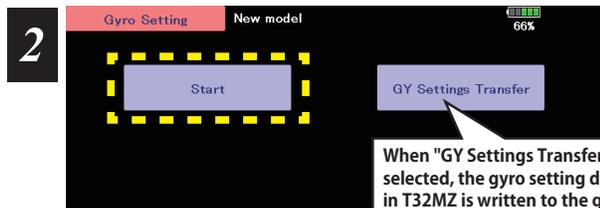


⚠ CAUTION

ⓘ Be sure to connect and disconnect the GYA553 and T32MZ connection cable with the power off.

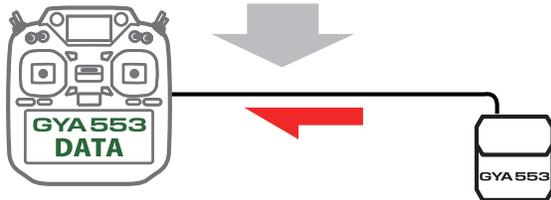
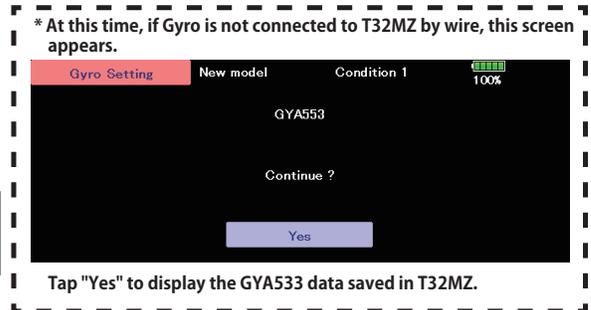


1. Select "Gyro setting" on the last page of Airplane Model Menu

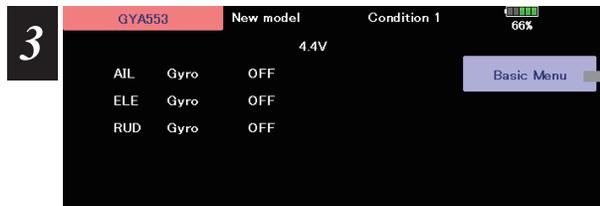


2. Select "Start"

When "GY Settings Transfer" is selected, the gyro setting data saved in T32MZ is written to the gyro.



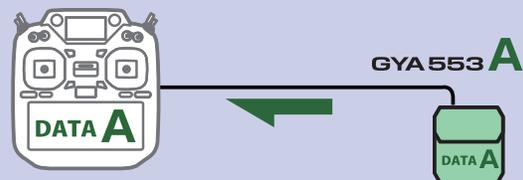
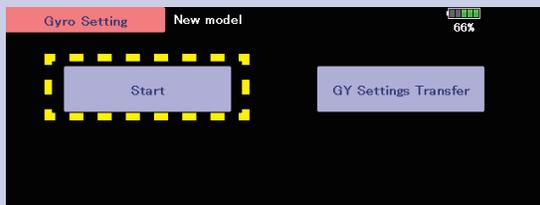
Select "Start"
This will download the gyro data to the T32MZ.



3. Home screen is displayed

To Basic menu

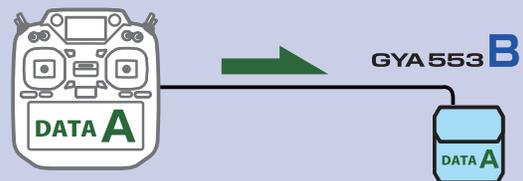
◆ When copying data from Gyro A to Gyro B



Connect the gyro A to the T32MZ and press [Start]. (Enter the data of A into T32MZ)



If you press Start here, the B data will be download to the T32MZ and the A data will be lost.



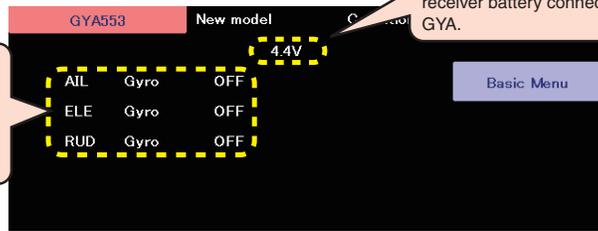
Connect Gyro B to T32MZ and press [GY Settings Transfer]. (Put data on A into gyro B)

Home screen

On the home screen, basic information such as gyro operation mode, sensitivity, battery voltage are displayed.

Gyro operation mode / Gyro gain
Displays "AVCS" or "Normal" operation mode and gyro gain of aileron (roll), elevator (pitch) and rudder (yaw) axis.

Battery voltage
Displays the voltage of the receiver battery connected to GYA.

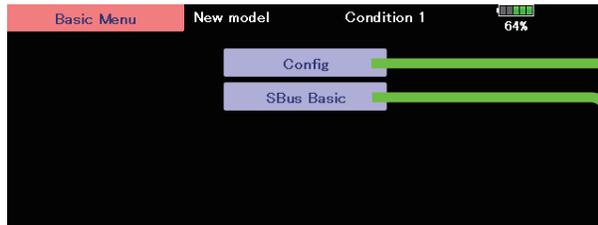


Basic menu

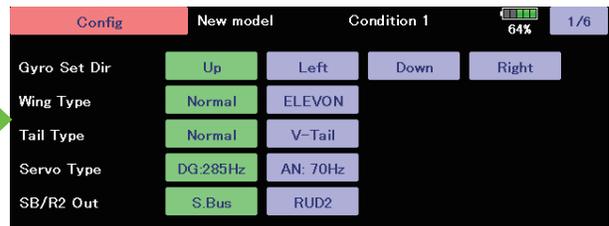
Home screen



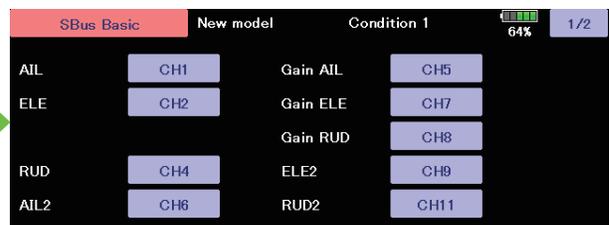
Basic menu



◆ Config



◆ S.BUS basic

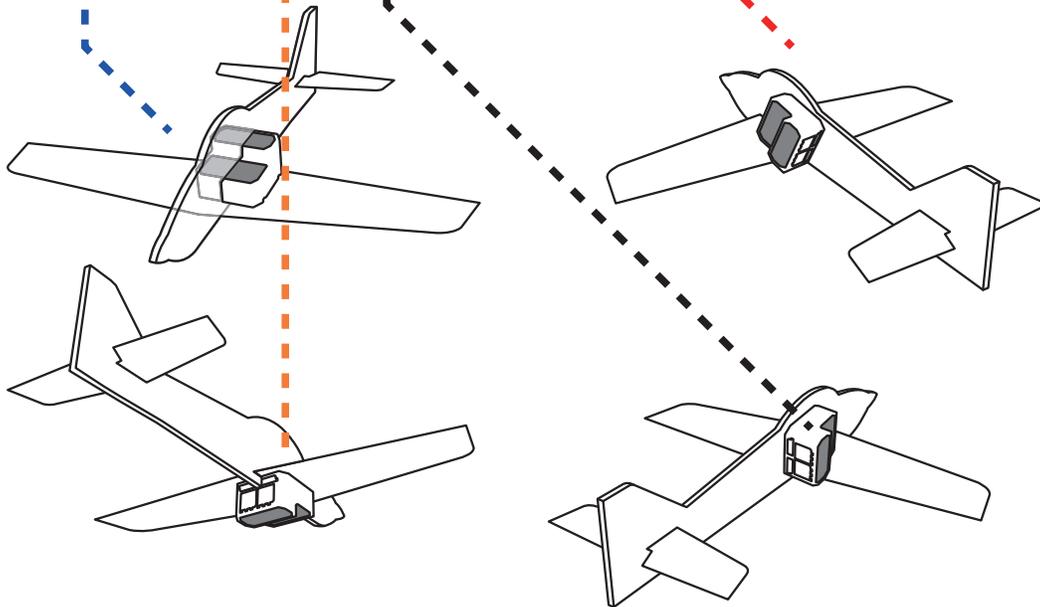


Config

Config 1/6 Gyro set mounting direction

Config	New model	Condition 1	64%	1/6
Gyro Set Dir	Up	Left	Down	Right
Wing Type	Normal	ELEVON		
Tail Type	Normal	V-Tail		
Servo Type	DG: 2.85Hz	AN: 70Hz		
SB/R2 Out	S.Bus	RUD2		

Set the mounting direction of GYA. Set mounting direction with reference to figure below.

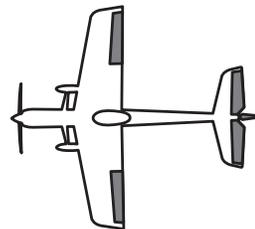


Config 1/6 WING/TAIL

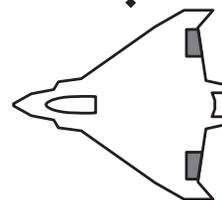
Set with the wing type/tail type of GYA553. The wing type/tail type of the transmitter is not used and is normal.

- Turn off the elevon / V-tail mixing on the transmitter side.
- Do not use transmitter sub-trim. Adjust using the gyro neutral offset.
- When using the S.BUS servo, you can also use the neutral offset function of the S.BUS servo setting parameters.

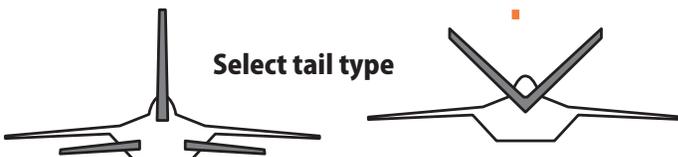
Config	New model	Condition 1	64%	1/6
Gyro Set Dir	Up	Left	Down	Right
Wing Type	Normal	ELEVON		
Tail Type	Normal	V-Tail		
Servo Type	DG: 2.85Hz	AN: 70Hz		
SB/R2 Out	S.Bus	RUD2		



Select wing type



Select tail type



Config

Config 1/6 Servo type



Select the servo type according to the servo to be used.

Digital servo → DG : 285 Hz

Analog servo → AN : 70 Hz

The stability of digital-servo mode of a flight increases in order to perform a high-speed control action.

Digital servo

Analog servo

Config 1/6 SB/R2 OUT



Select the SB / R2 port.

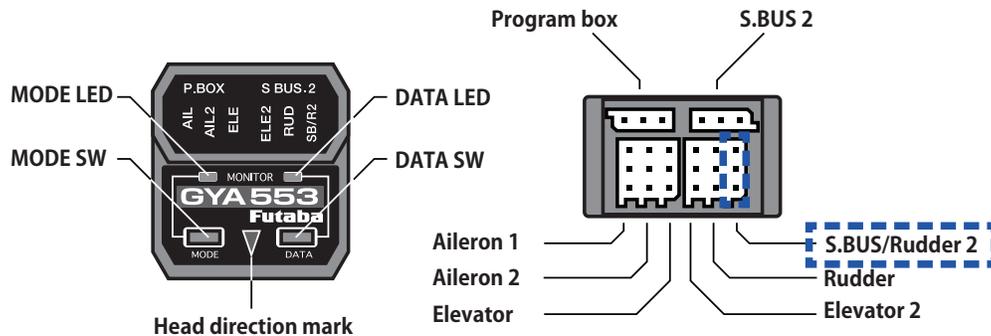
S.BUS

Rudder 2

S.BUS devices can be connected to this port.

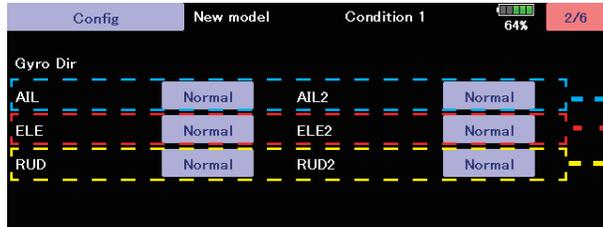


When using two rudder servos

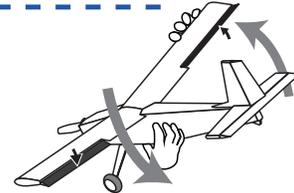


Config 2/6 Gyro direction

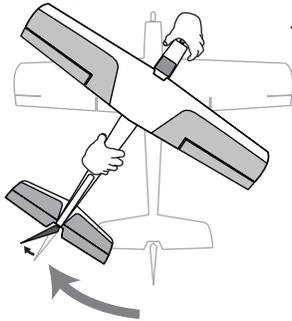
It is the direction setting of the gyro. Be careful as it will crash if the direction is reversed.
 For dual aileron, dual elevator, and dual rudder aircraft, check the operating direction of each second aileron/elevator/rudder.



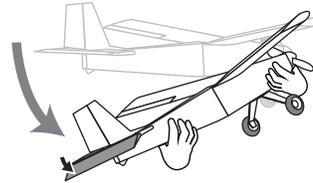
Tilt the airplane to the left on the ground and check that the ailerons operate to the right.



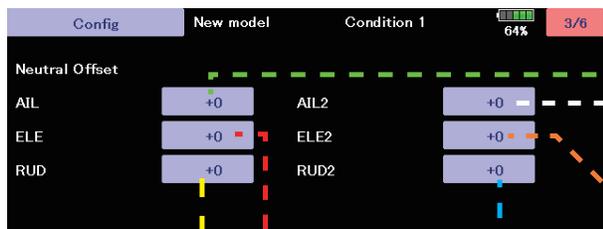
Turn the airplane to the right on the ground and check that the rudder operates to the left.



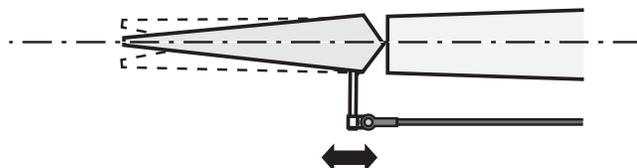
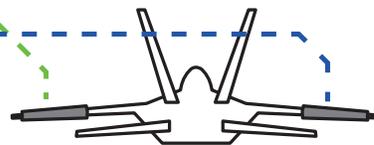
Raise the airplane with its nose upward and check that the elevator operates downward.



Config 3/6 Neutral offset



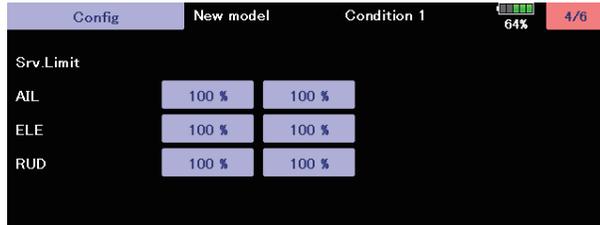
Neutral position setting for each servo.



This will move the neutral to the desired position.

Config

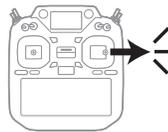
Config 4/6 5/6 Servo limit



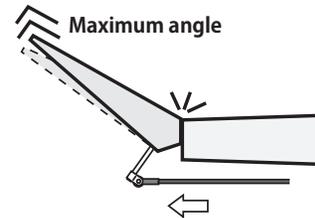
This is the limit setting for each servo. The position of the maximum operation is read into the gyro in the first setting.



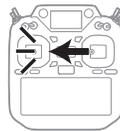
Aileron example



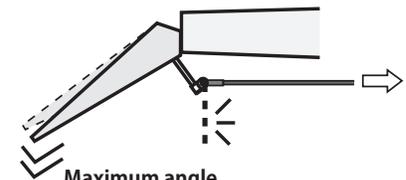
Stick to full right



Adjust the value (%) to reach the maximum operating position

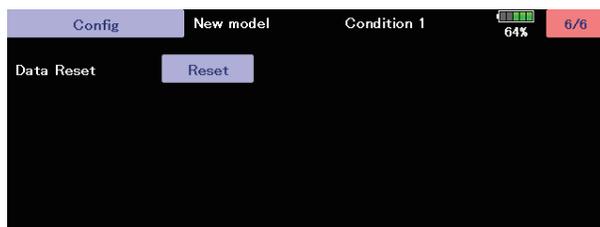


Stick to full left



Adjust the value (%) to reach the maximum operating position

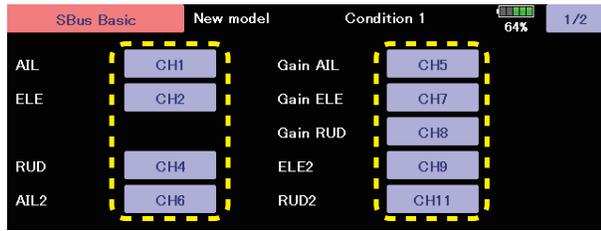
Config 6/6 Reset



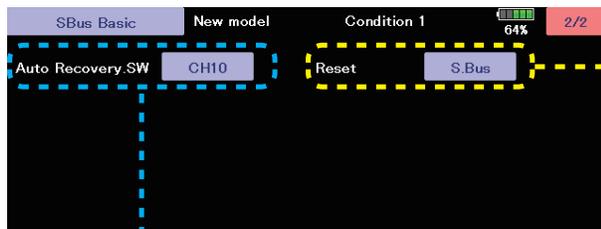
Reset each Config item. It returns to the initial value.

SBUS Basic menu

Set the CH for each function according to the transmitter to be used. Any unused functions should be set to INH (Inhibited).

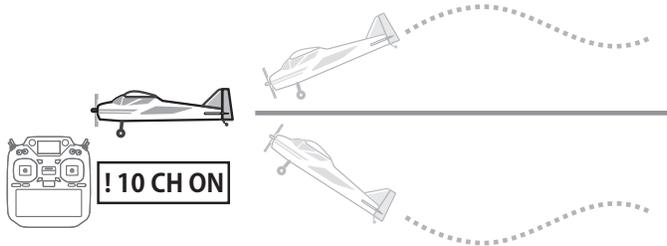


The channel of each function can be changed.



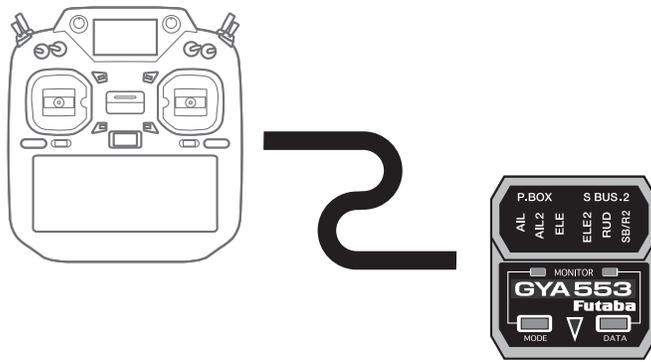
Reset each S.BUS function. It returns to the initial value.

ON-OFF channel for auto recovery.



⚠ WARNING

⚠ Always verify that the S.BUS function assignments match your transmitter's function (in the FUNCTION menu) assignments. If any changes are made within the transmitter function assignments, then it will also be necessary to make the changes within the S.BUS function assignments. To change the channel, GYA553 and T32MZ must be connected.



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