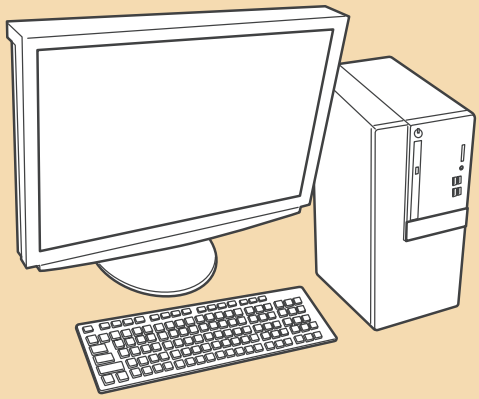
Futaba
1M23Z08132

T10PX(R)/T10XCR Software Update Method

Whenever improvements and new functions are available, the software of your radio transmitter can be updated easily via online free of charge. The updated software file will be shown on our website. You can download it and make a copy on your microSD card. Below is the procedure for the software update.

Required for update (Purchase separately)



PC
(Access is possible by the web)

microSD card

Update Precautions

Do not remove the battery or microSD card during the update, as this may damage the transmitter.

How to recover from a failed update

If the update fails, the transmitter may not start up.

If this happens, update the transmitter again using the following steps.

1. **Remove the battery and reinstall it.**
2. **Insert the microSD card containing the update file into the transmitter.**
3. **While pressing the home button, turn the power on.**
4. **Update will begin.**

If the transmitter does not start up even after performing the above steps, contact your dealer for repair.

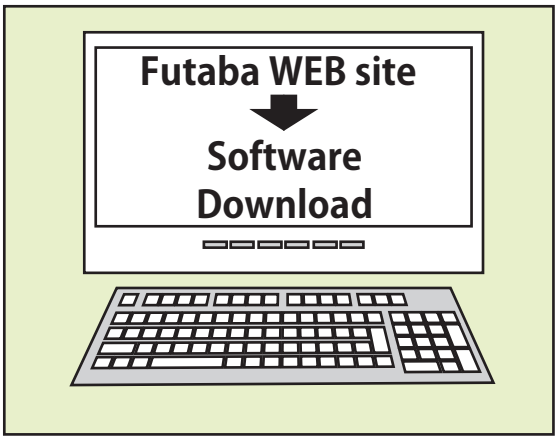
Note: Before you update the software, the battery that is connected to the transmitter should be fully charged.

Note: During the software update, the model data that is stored in the transmitter should be kept without any change. (NOT erased and NOT changed.) However, for your safety, making a backup of your model data before the software update is highly recommended.

Updating procedure

1. **Download the zip file of the update data from our website or your local distributor's website.**

https://futabausa.com/

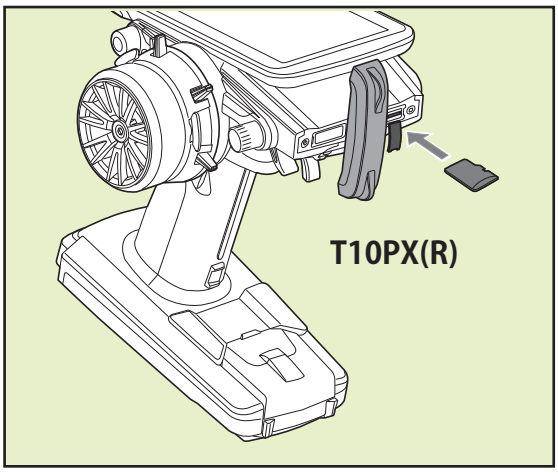


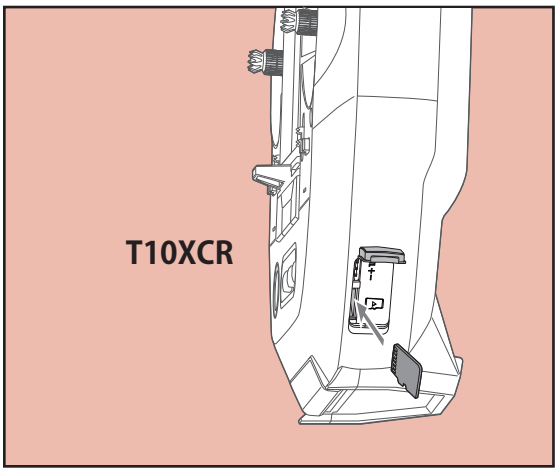
2. **Extract the zip file on your computer.**

3. **Insert the micro SD card into the PC and copy the FUTABA folder expanded on the PC to the micro SD card.**

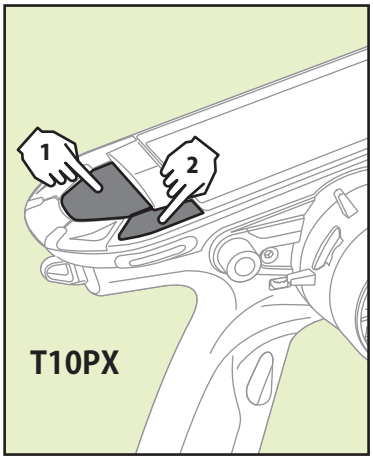
If you already have a microSD card FUTABA folder, overwrite it.

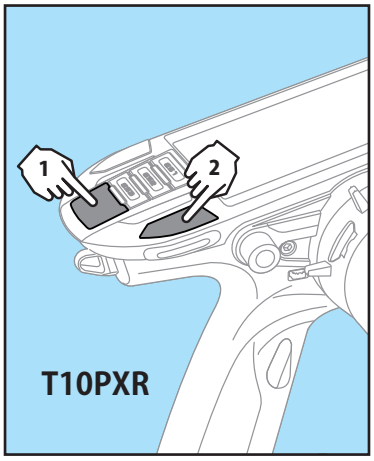
4. Insert the micro SD card with the copied FUTABA folder into the transmitter.

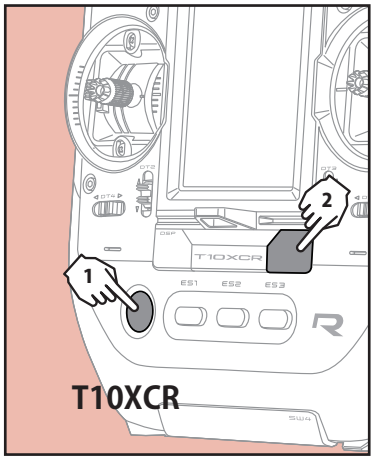




5. Turn on the transmitter power while pressing down the "HOME" button. The update screen appears on the LCD display of your transmitter and the software update is started.







6. When the software update is completed, "Completed" message is shown on the LCD display of your transmitter. (Show below picture.)

Possible Problems

When one of the error messages shown below appears on the LCD screen your transmitter, the software update will not be completed.

"Low battery."

Software update is postponed because of low battery. Retry the software update after the battery is recharged.

"Update file not found."

The transmitter cannot find the update file on the microSD card. Check to be sure all the update files have been copied onto the microSD card.

"Broken file."

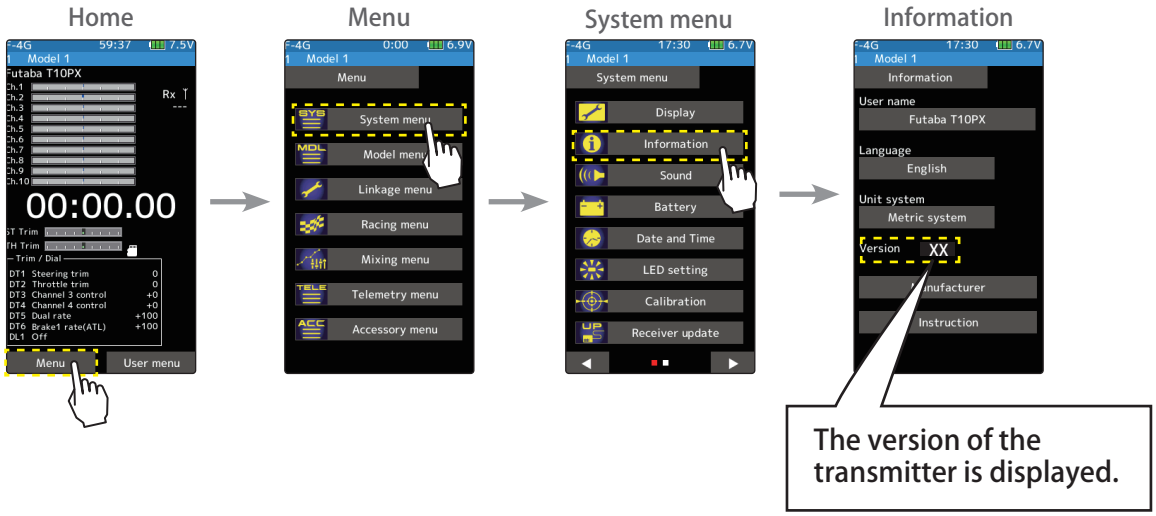
The transmitter detects the update file error. The update file may be broken or for another transmitter.

"Write error."

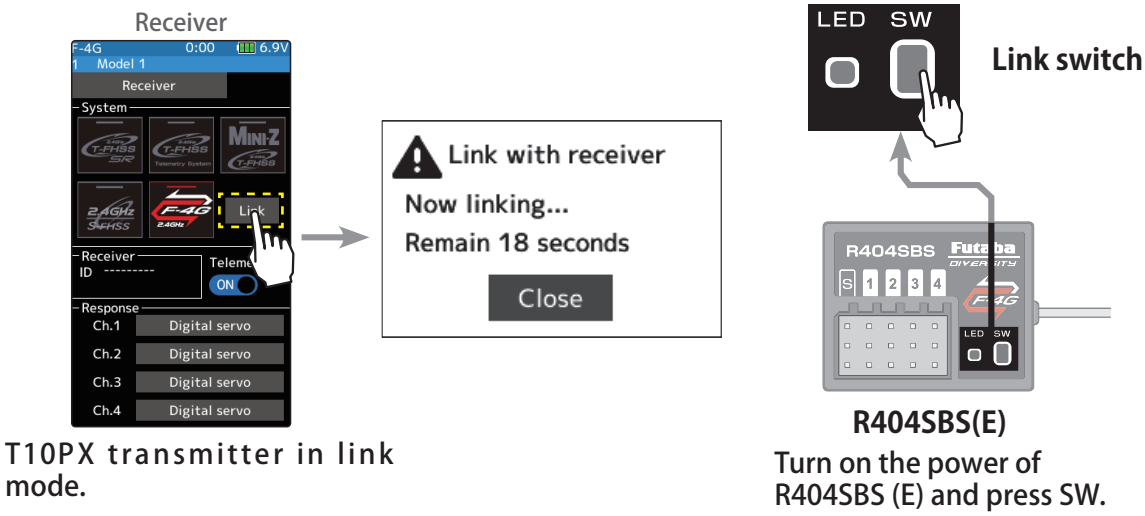
The software update procedure is stopped for an unknown reason. Contact your local service center when this error message appears on the LCD screen of your transmitter.

7. Turn off the power of transmitter.

T10PX(R)/T10XCR Version check



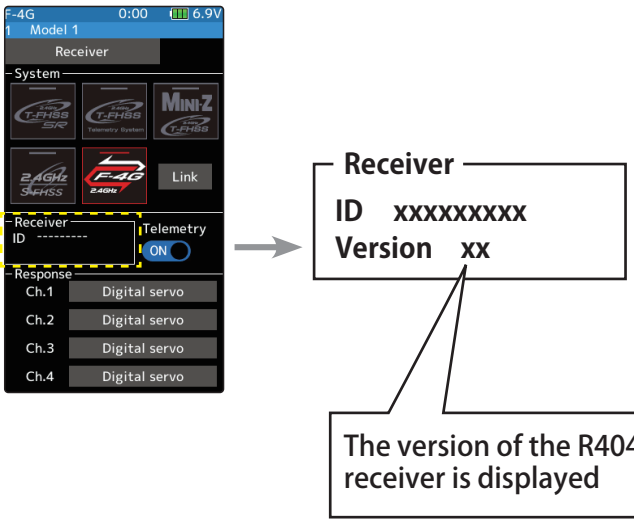
R404SBS(E) Version check



T10PX transmitter in link mode.

R404SBS(E)

Turn on the power of R404SBS (E) and press SW.



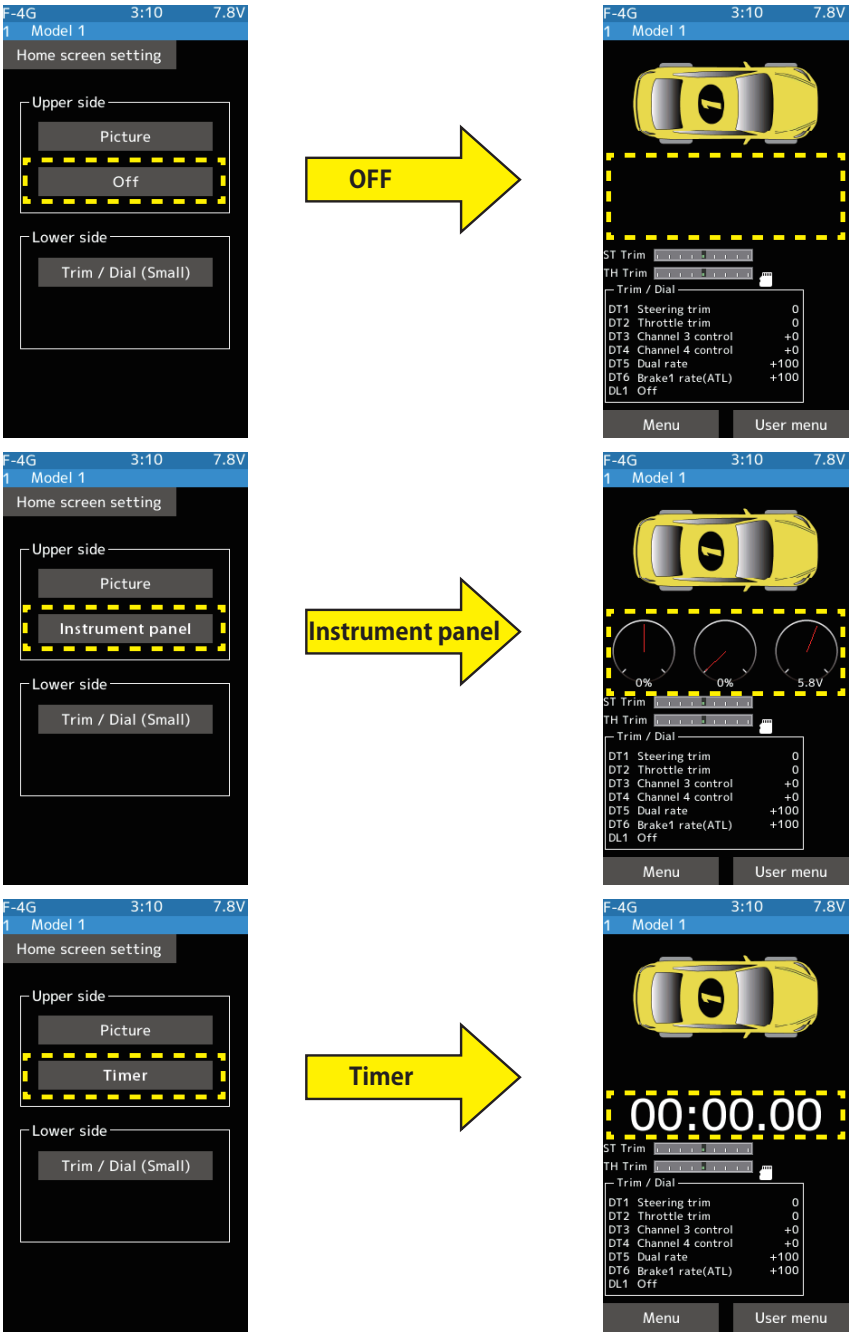
When using the UR servo, ensure it is Ver2.0 or later.
Ver1.0 cannot be set wirelessly for UR servo, so upgrade to Ver2.0 or later.

T10PX(R)/T10XCR Software Update
Ver.17.0

1. Home screen display mode added

When the Upper side display setting on the home screen is setting to [Picture] mode, you can configure additional items that will be displayed.

◆ Accessory menu → Home screen setting ◆ Home



2. Korean language display

The Korean language display has been updated.
(Only compatible with the Korean version of the software.)

3. Change the filenames of telemetry logs to sequential numbers.

Telemetry log filenames are now recorded with sequential numbering.

T10PX(R)/T10XCR Software Update
Ver.16.0

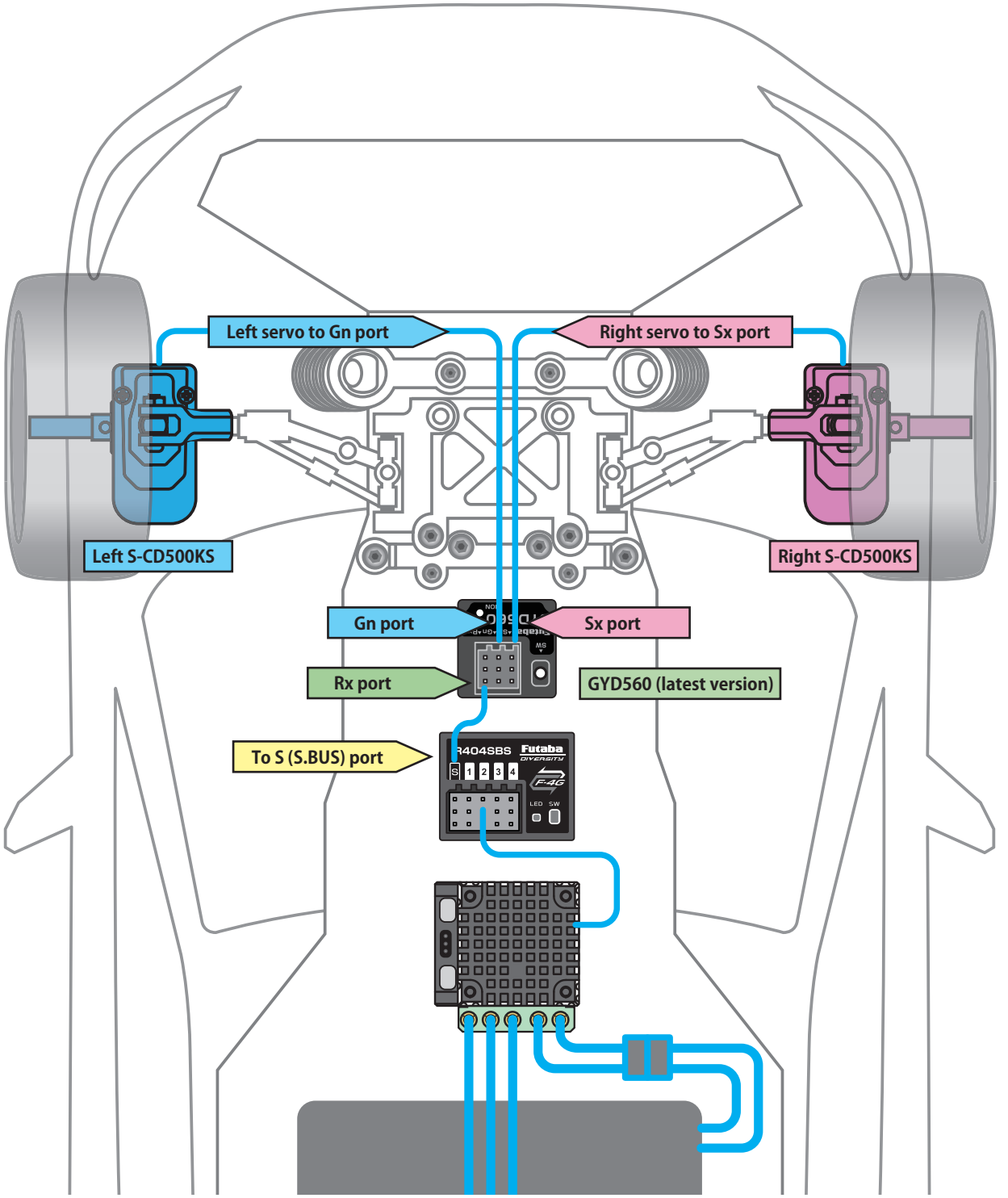
1. Compatible with S-CD500KS knuckle servo

Now compatible with the S-CD500KS steering knuckle servo for drift cars.

● Knuckle servo connection

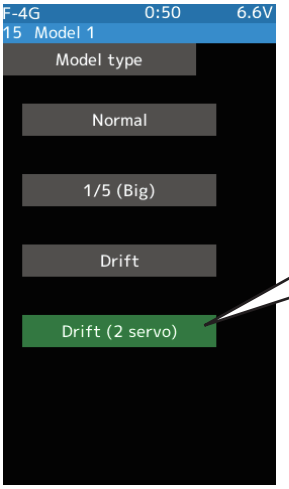
Two knuckle servos are required for one car.

The knuckle servo requires one GYD560 updated to the latest version.



● Transmitter Settings

◆ Model menu → Model type

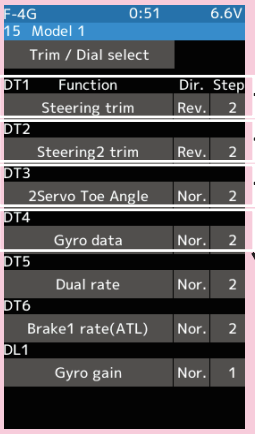


Drift (2 servo) added.

When using a knuckle servo, first select this model type.

Model type → Drift (2 servo) initial settings

● Trim/Dial select



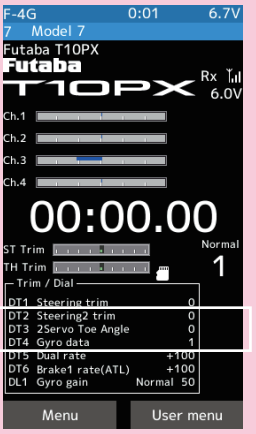
Right servo trim setting

Left servo trim setting

Simultaneous left and right servo trim
Left and right servos rotate in opposite directions, toe-in/toe-out setting possible

Gyro setting data group (gyro data) switching function

● Home

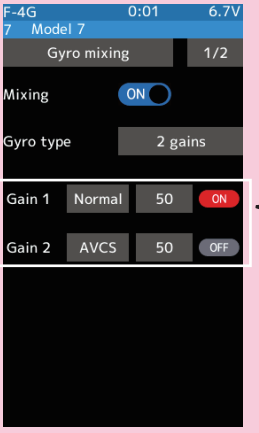


Home Display

● Switch Select

Gyro gain (AVCS/Normal) switching

● Gyro mixing



Gyro gain can be set to two rates (AVCS/Normal)

● Mixing Menu

Knuckle servo mixing added

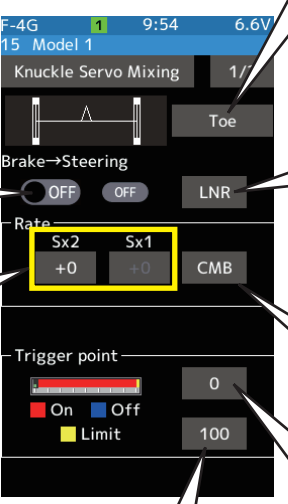
Compatible with S-CD500KS knuckle servo

● Knuckle servo mixing settings

◆ Mixing menu → Knuckle Servo Mixing

The following mixing can be set here:
1/2: Mixing from brake operation to steering
2/2: Mixing from accelerator operation to steering

1/2 Brake to steering mixing settings



Toe : A mode in which the amount of steering servo movement changes depending on the brake operation, regardless of steering operation.
Steer : A mode in which the amount of steering servo movement changes according to the steering direction when braking.

LNR（Linear）:
Mode in which the mixing amount changes according to brake operation.
OFS（Offset）:
A fixed offset is added.

Mixing ON/OFF

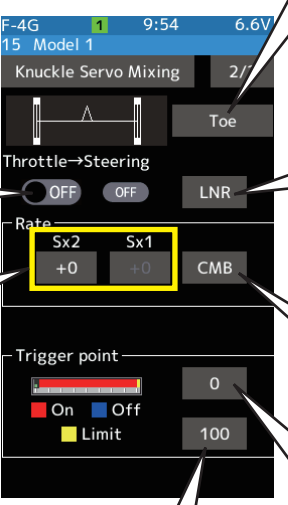
Mixing rate setting
In CMB mode, the same rate is set for both left and right. In SEP mode, the rate can be set independently for both left and right.

CMB（Combination Mode）:
Mode to set the mixing amount of the left and right servos simultaneously.
SEP（Separate Mode）:
A mode in which the mixing amount for the left and right servos can be set individually.

Set the trigger position at which mixing turns ON
0%→ Neutral position
100% → Maximum brake position

Sets the point at which the mixing amount stops increasing in LNR mode.
The mixing amount will not increase beyond this trigger position.

2/2 Throttle to steering mixing settings



Toe：A mode in which the amount of steering servo movement changes depending on the throttle operation, regardless of steering operation.
Steer：A mode in which the amount of steering servo movement changes according to the steering direction when throttle operation.

LNR（Linear）：
Mode in which the mixing amount changes according to throttle operation.
OFS（Offset）：
A fixed offset is added.

Mixing ON/OFF

CMB（Combination Mode）：
Mode to set the mixing amount of the left and right servos simultaneously.
SEP（Separate Mode）：
A mode in which the mixing amount for the left and right servos can be set individually.

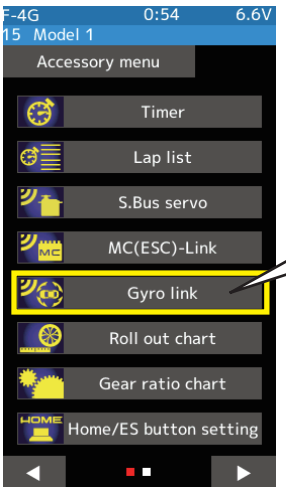
Mixing rate setting
In CMB mode, the same rate is set for both left and right. In SEP mode, the rate can be set independently for both left and right.

Set the trigger position at which mixing turns ON
0%→ Neutral position
100% → Maximum brake position

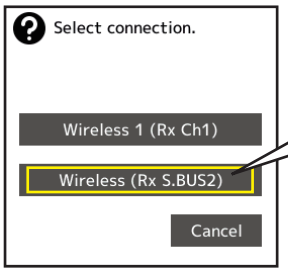
Sets the point at which the mixing amount stops increasing in LNR mode.
The mixing amount will not increase beyond this trigger position.

● Gyro settings

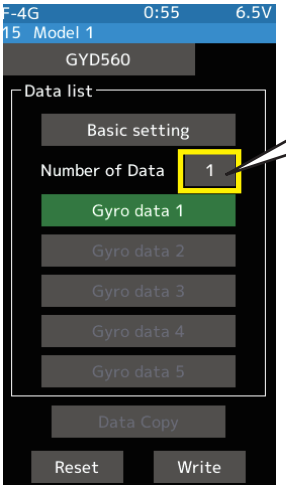
◆ Accessory menu → Gyro link



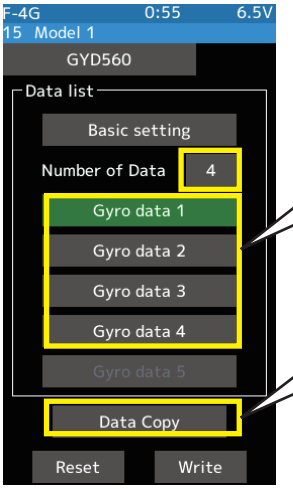
To setting the gyro, select Gyro link.



Select this when using a knuckle servo.



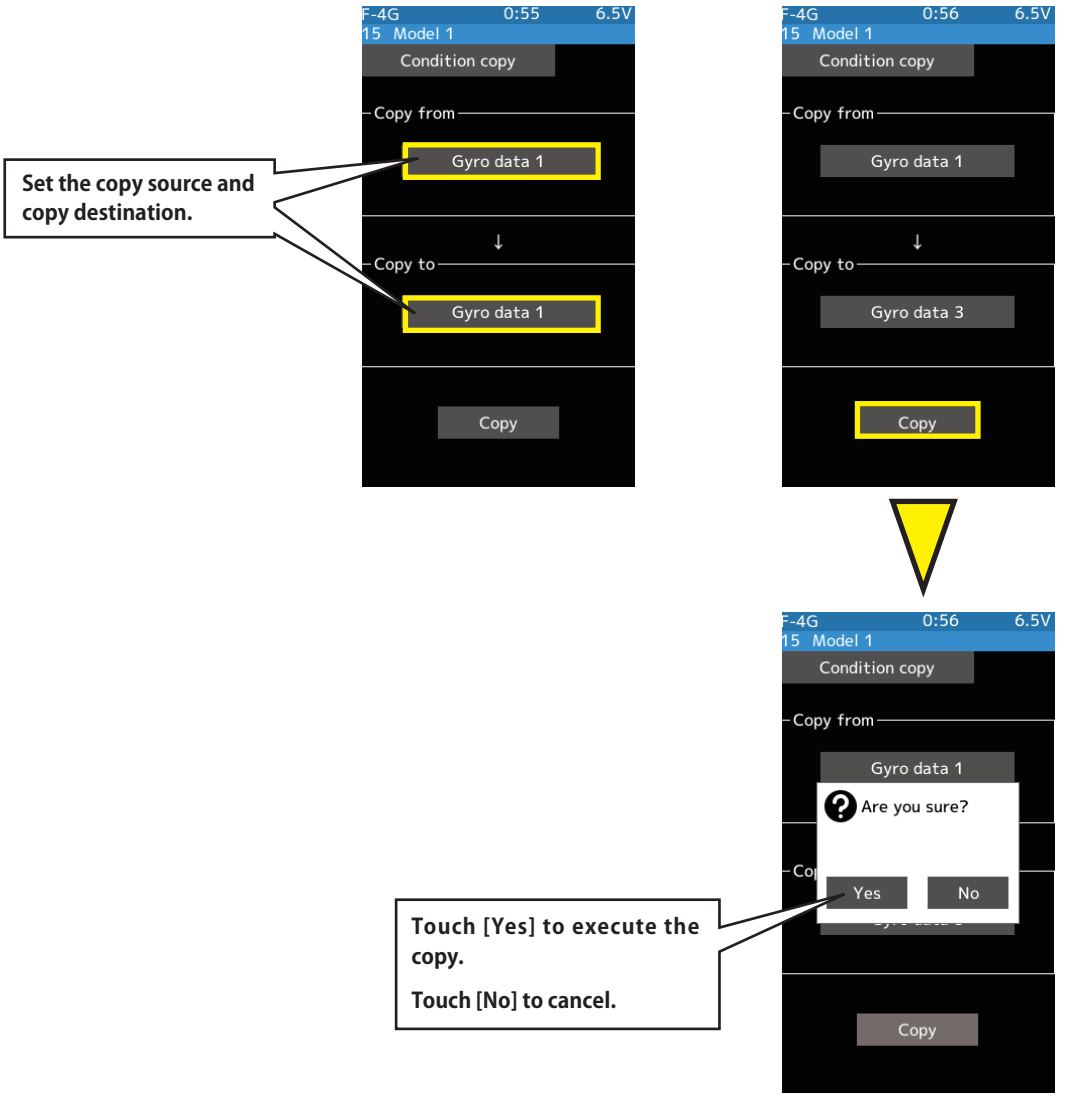
Set the number of gyro data to use.



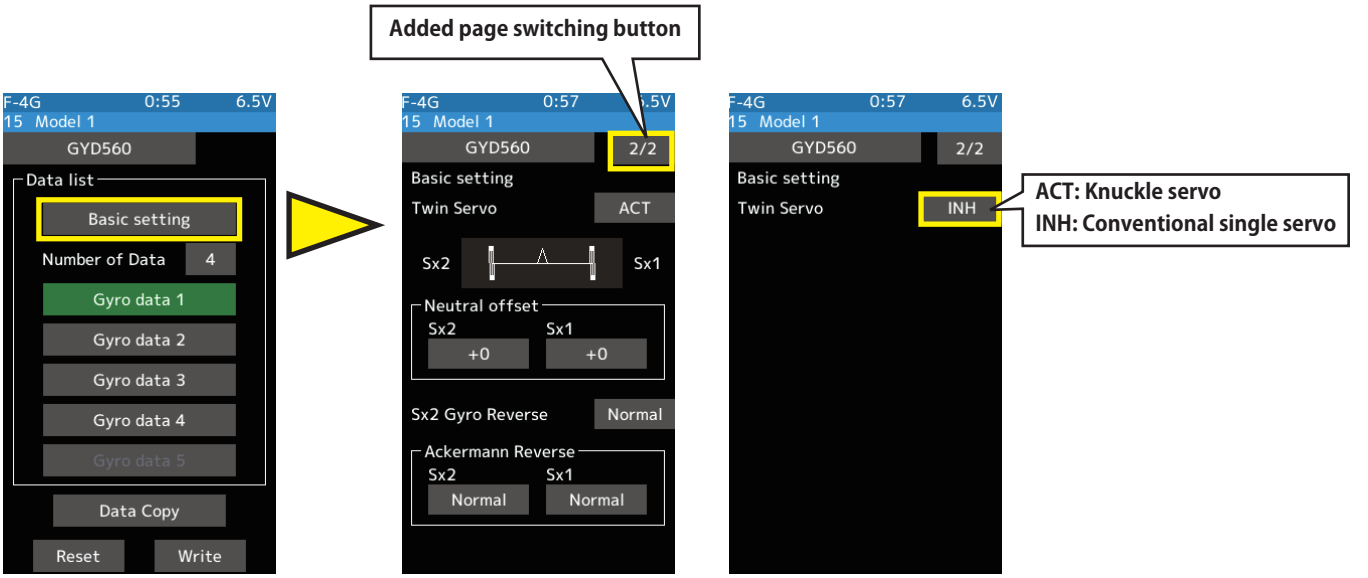
The setting button will be enabled according to the number of data you have set.

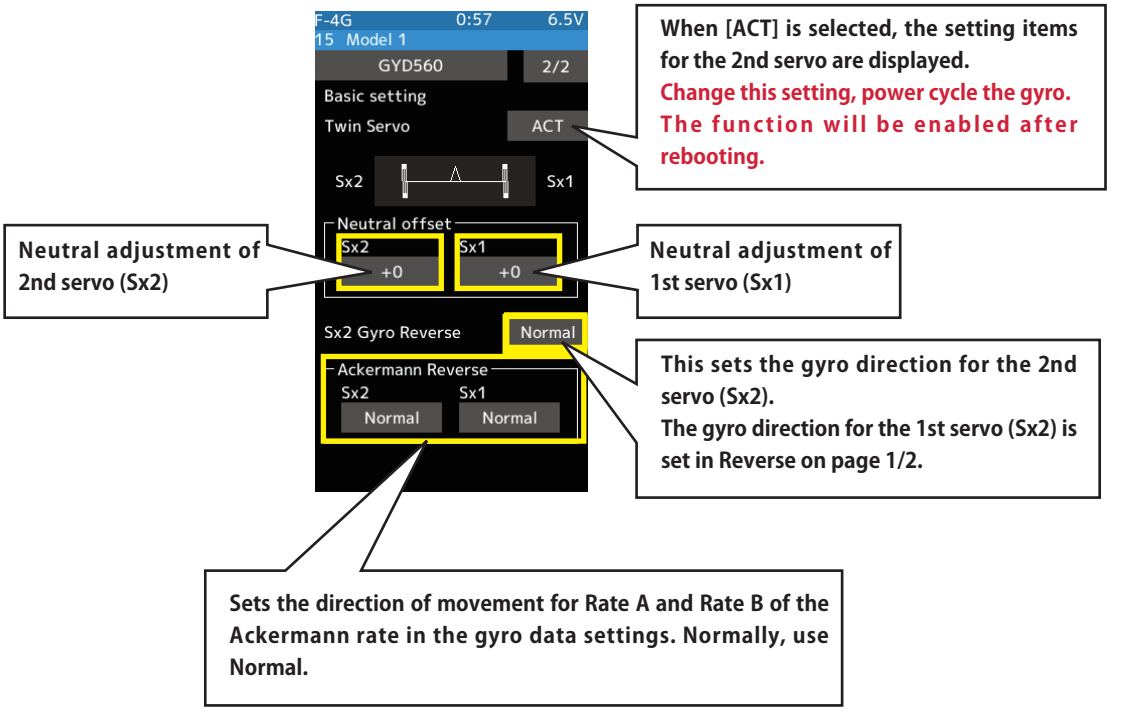
The copy function is useful when there are multiple pieces of data.

Compatible with S-CD500KS knuckle servo

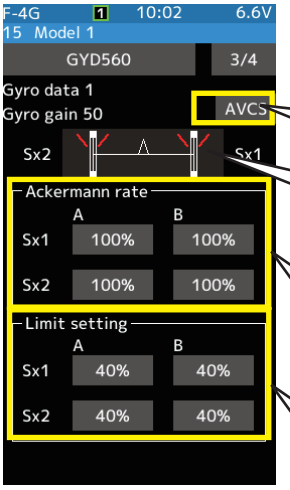


Compatible with S-CD500KS knuckle servo


Added page switching button
F-4G 0:55 6.5V
15 Model 1
GYD560
Data list
Basic setting
Number of Data 4
Gyro data 1
Gyro data 2
Gyro data 3
Gyro data 4
Gyro data 5
Data Copy
Reset
Write
F-4G 0:57 6.5V
15 Model 1
GYD560 2/2
Basic setting
Twin Servo ACT
Sx2 Sx1
Neutral offset
Sx2 Sx1
+0 +0
Sx2 Gyro Reverse Normal
Ackermann Reverse
Sx2 Sx1
Normal Normal
F-4G 0:57 6.5V
15 Model 1
GYD560 2/2
Basic setting
Twin Servo INH
ACT: Knuckle servo
INH: Conventional single servo


F-4G 0:57 6.5V
15 Model 1
GYD560 2/2
Basic setting
Twin Servo ACT
Sx2 Sx1
Neutral offset
Sx2 Sx1
+0 +0
Sx2 Gyro Reverse Normal
Ackermann Reverse
Sx2 Sx1
Normal Normal
When [ACT] is selected, the setting items for the 2nd servo are displayed.
Change this setting, power cycle the gyro. The function will be enabled after rebooting.
Neutral adjustment of 2nd servo (Sx2)
Neutral adjustment of 1st servo (Sx1)
This sets the gyro direction for the 2nd servo (Sx2).
The gyro direction for the 1st servo (Sx2) is set in Reverse on page 1/2.
Sets the direction of movement for Rate A and Rate B of the Ackermann rate in the gyro data settings. Normally, use Normal.

● Pages 3/4 and 4/4 have been added to the Gyro Data section of the Gyro link.

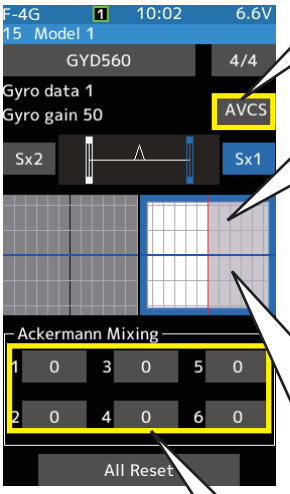


Setting data for AVCS and normal can be set separately. Use this button to switch between AVCS and normal.

The red line reflects the limit setting.

Ackermann movement can be set by creating a difference between the movement amounts of Rate A and Rate B.

Set the maximum movement amount of the 1st and 2nd servos. This can be set for each gyro data.



Setting data for AVCS and normal can be set separately. Use this button to switch between AVCS and normal.

12-point curve can be added to the Ackermann movement. The final movement amount is determined by the rate value obtained by adding the rate from the curve and the Ackermann rate on page 3/4.

Tapping the graph will switch the servo being set between Sx1 and Sx2.
The background color of the graph in the direction of the setting point will be shown in white. Operating the steering wheel will switch the direction of the setting target and change the background color of the graph.

Turning the steering wheel will switch the curve setting target between right and left rotation.
(The setting point on the white side of the graph background is displayed.)

2. F-4G response setting ESC mode added

"ESC Mode" has been added to the response settings for the F-4G. When the channel to which the ESC is connected is set to **"ESC Mode"**, the ESC operation response is improved compared to the previous "Digital (High Speed Mode)."

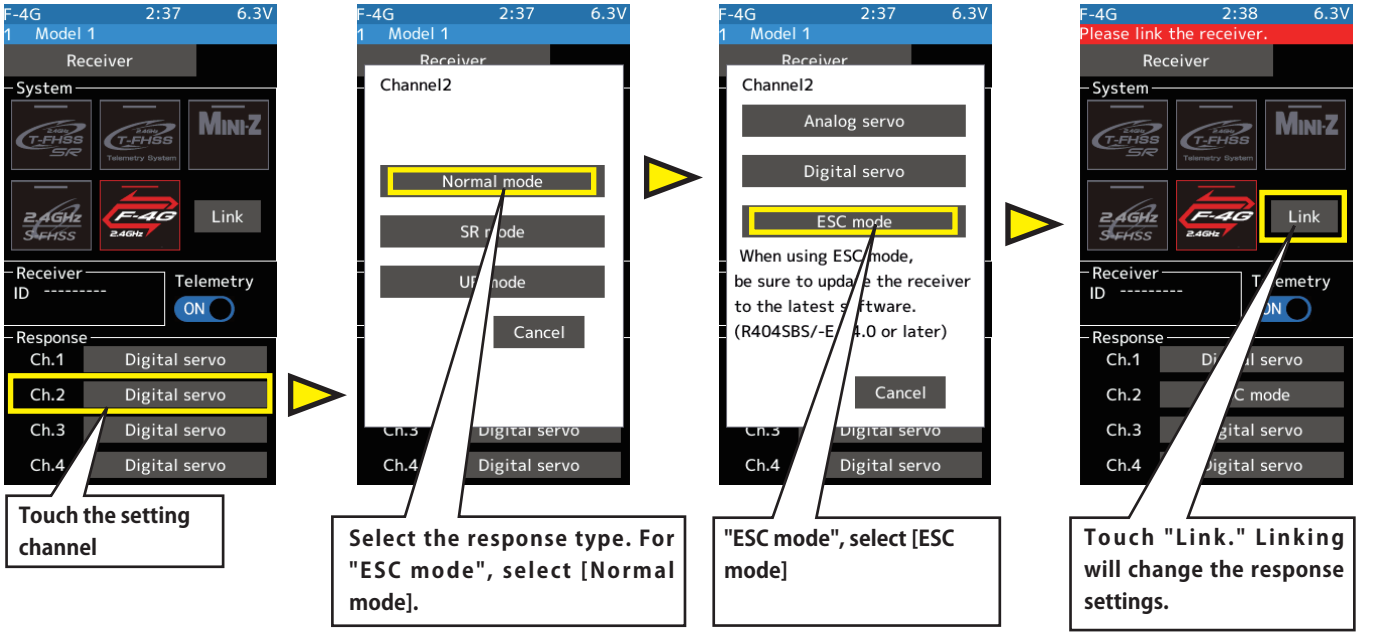
When using ESC mode, be sure to update the receiver software to a compatible version. Setting ESC mode to a receiver that does not support ESC mode may cause malfunction.

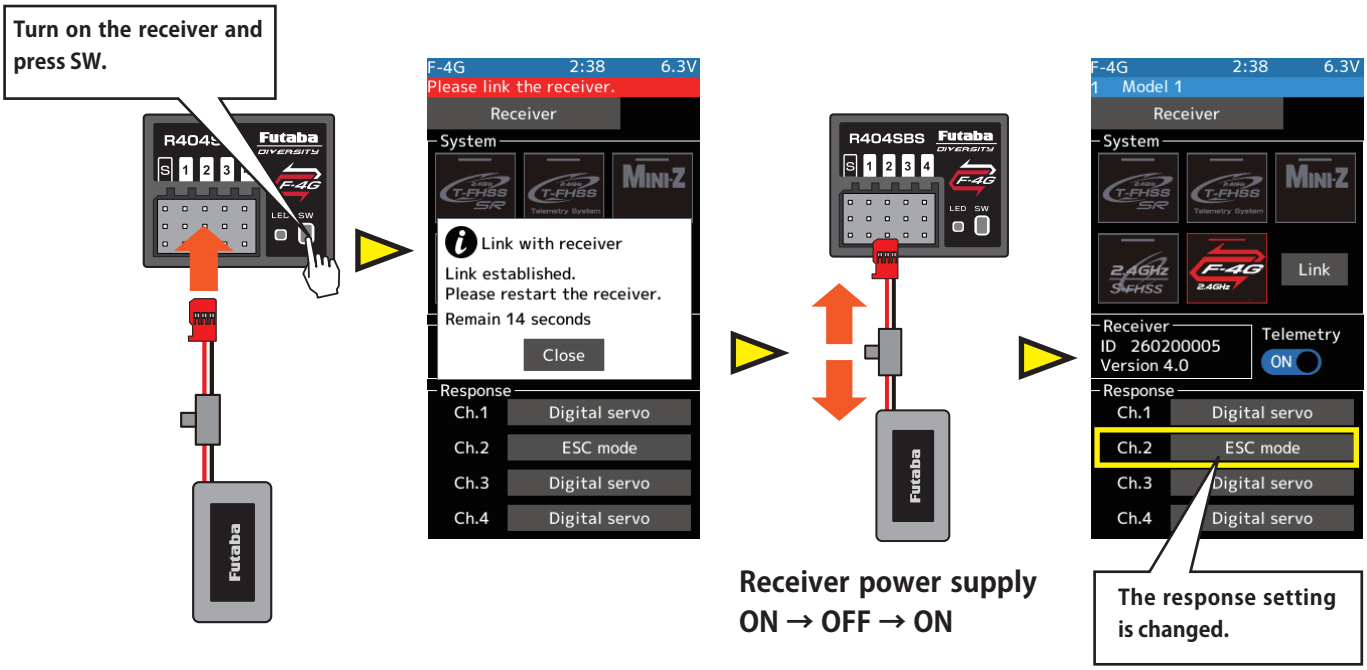
ESC mode compatible receiver → **R404SBS/R404SBS-E V4.0~**

If your ESC does not work in ESC mode, set the transmitter response setting to "Digital (High Speed)" or "Analog (Normal)."

If using analog servos, set the response setting to "Analog (Normal)."

● How to set it up





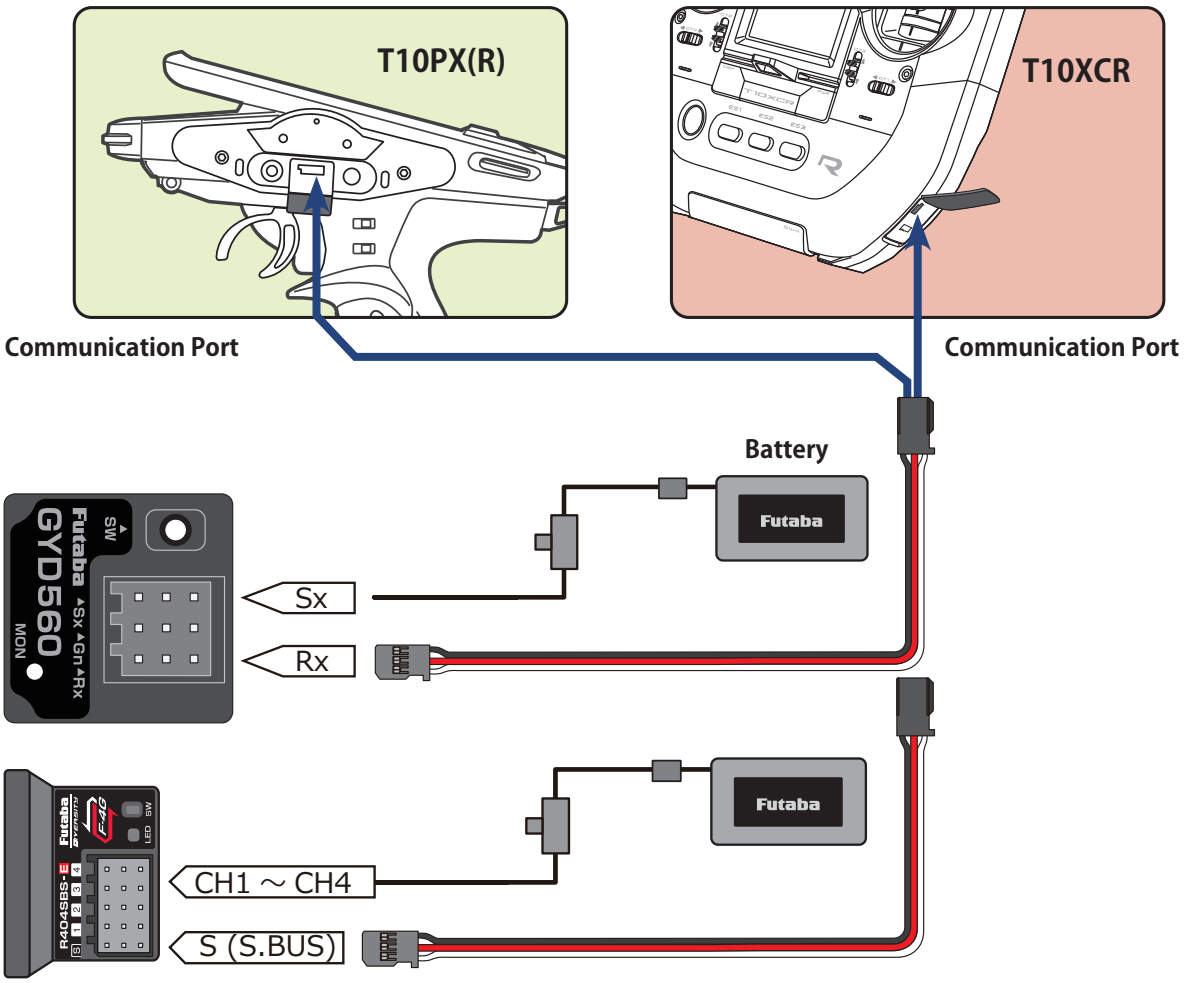
3. Added gyro update from transmitter and changed receiver update

Update the gyro and receiver software from the transmitter.

1. Preparing for the update

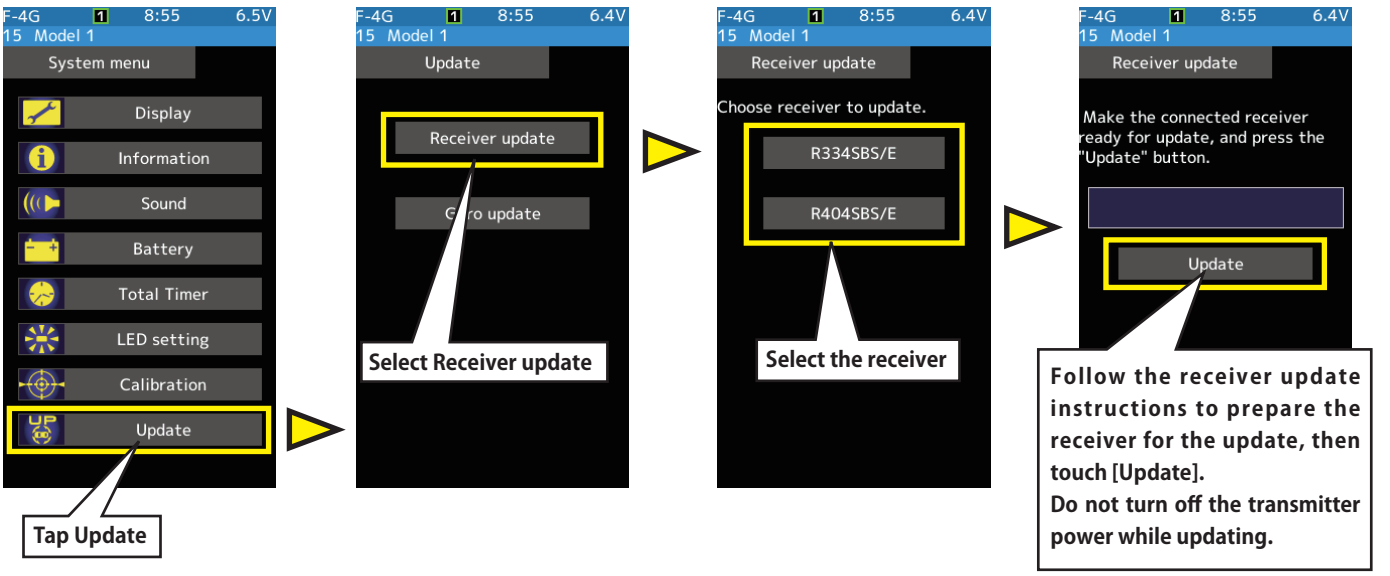
Download the zip file of the update data from our website or your local distributor's website.
Extract the zip file on your computer. Copy the “FUTABA” folder into your microSD card.

2. Connecting the Transmitter and Gyro/Receiver

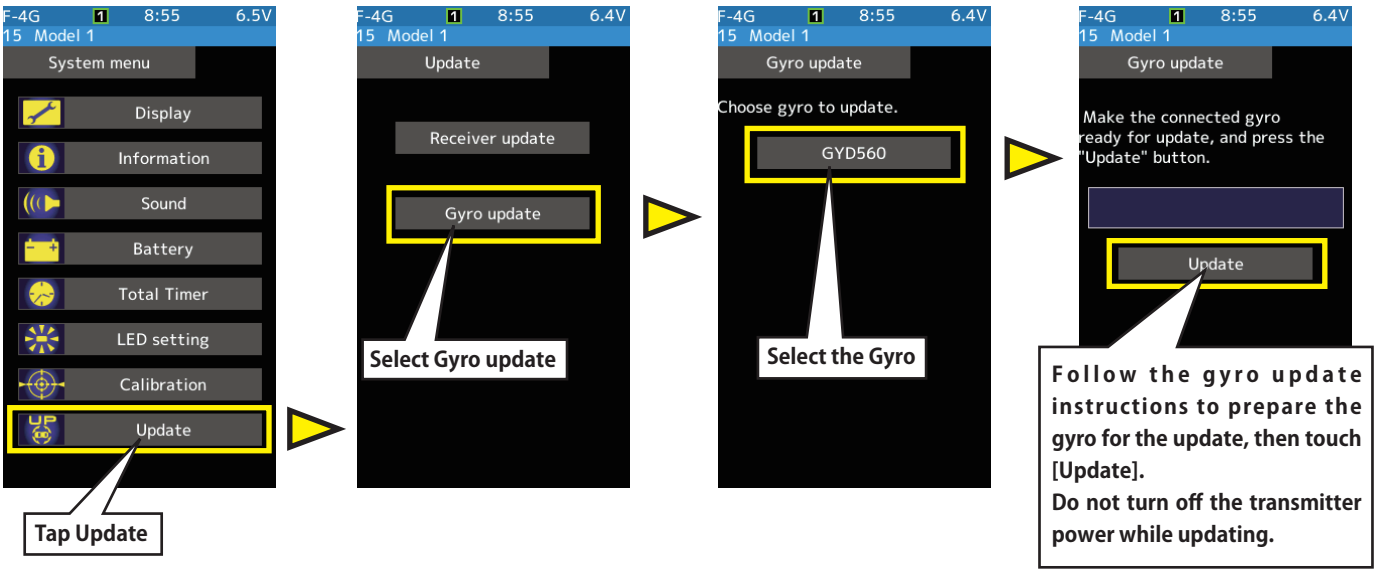


3. Transmitter Operation

○ Receiver update operation



○ **Gyro update operation**



4. Verifying operation

A message will appear when the update is complete. Turn off the receiver/gyro.
Make sure it is working properly before using.

5. Completion

To exit, press the Home button to return to the system menu screen, or press and hold the Home button to return to the Home screen.

Error Messages

An error message will be displayed in the following cases: Check the situation and try again from the beginning.

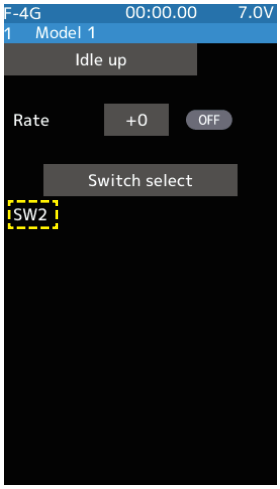
- The receiver/gyro is not ready to update.
- The cable is not connected (disconnected).
- The power is turned off.
- A microSD card is not inserted.
- The update file has not been properly copied to the microSD card.

4. Improved communication quality in MINI-Z EVO2 mode.

T10PX Software Update
Ver.15.1

1. Display of the selected switch.

A function to display assigned switches has been added to Idle up, Engine cut, Neutral brake, and Trans brake.



2. Supports copying model data between T10PXR/T10XCR and T10PX.

It is now possible to copy model data from T10PXR/T10XCR to T10PX.
Model data can also be copied from T10PX to T10PXR/T10XCR.

T10PX Software Update
Ver.14.0

1. Compatible with HPS-CD701, S-CD400

HPS-CD701 and S-CD400, have been added to the UR mode / SR compatible servos.

*For S-CD400, only UR1 can be used in UR mode. UR2, UR3, UR4 cannot be used.
***Frequency** cannot be set for S-CD400.
*When S-CD400 is set to UR1 mode, the upper limit of **Stretcher** setting value is **4.000**.

2. Changing the REAL TIME ICS MiniZ parameter settings Kyosho MINI-Z EVO2 Receiver Unit V2(82046)

The following two points have been changed in the throttle item of the REAL TIME ICS MiniZ parameter settings.

- **[FWD punch] Change the setting value from 0~10 to 0~100 (1 step)**
- **[Motor Timing] Change the setting value from 0~8 to 0~7**

3. Compatible with GYD560 and GYC480

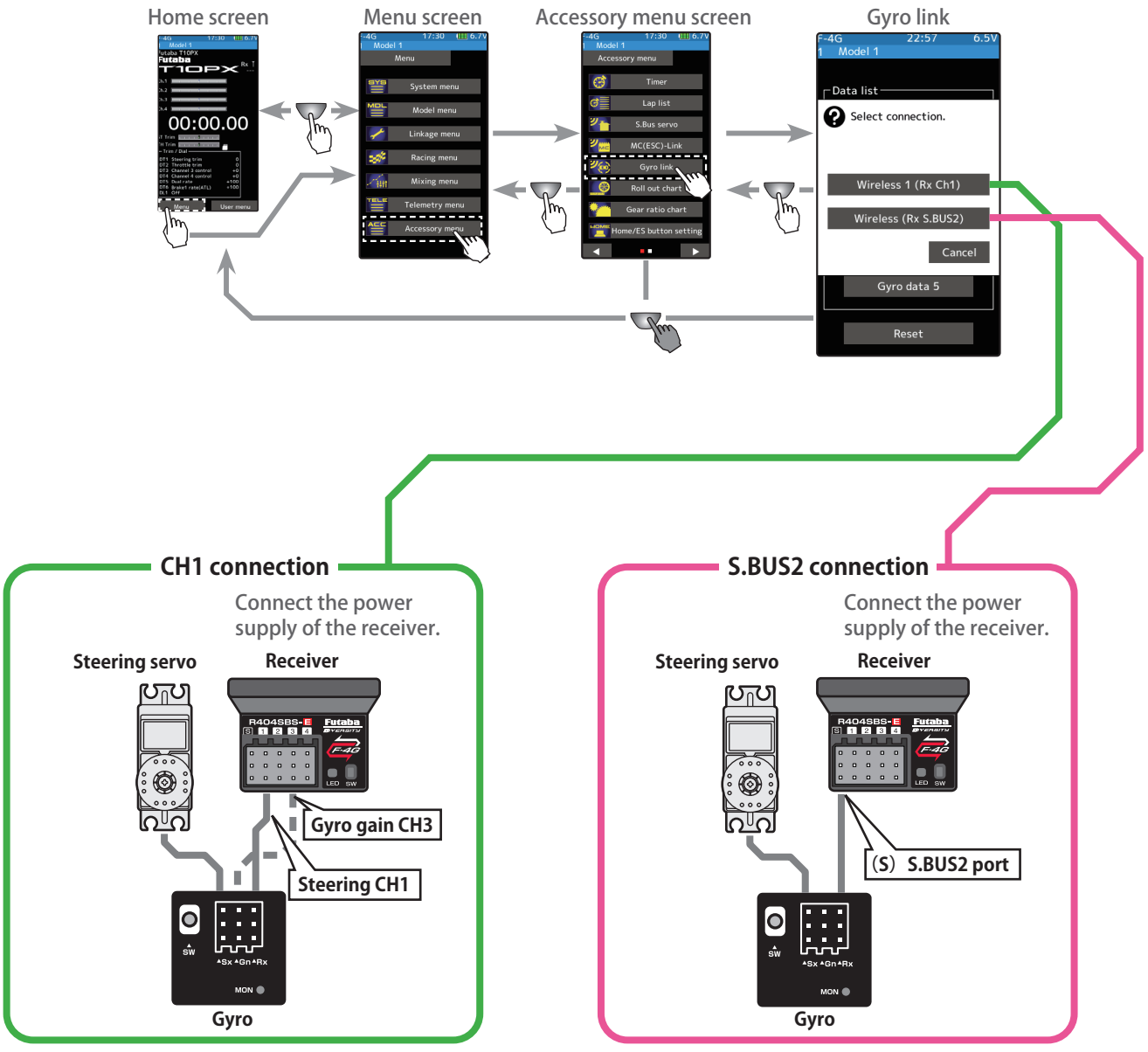
Wireless parameter settings for the GYD560 and GYC480 car gyros can now be made using the transmitter.

*Wireless settings are only supported on the T6PV(Ver.2.0~) and T10PX(Ver.14.0~) F-4G systems (R404SBS series Ver.3.0~).

GYD560 and GYC480 setting

1 Set the transmitter “PWR” side power switch to ON. From the Home screen, press the HOME button or tap [Menu] on the touch panel. Next, select [Gyro link] at the Accessory menu and access the setup screen shown below by tapping the screen.

2 (Gyro read)
When you open the Gyro Link screen from the Accessory menu or Custom menu, the connection method selection screen is displayed. Tap the button according to the connection method between the gyro and the receiver. The Gyro type and currently set contents are read.

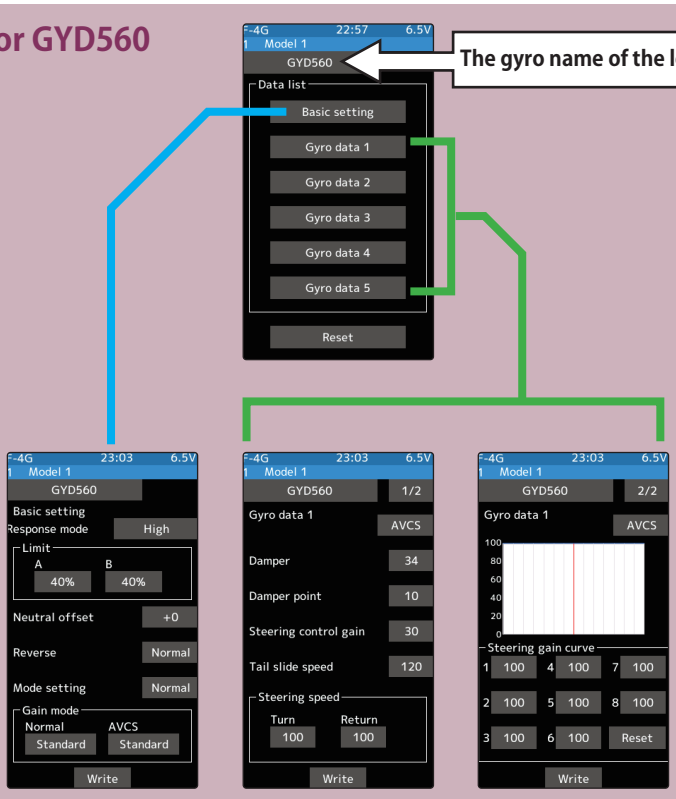


3 (Set up the gyro)

The gyro setting data is divided into the Basic setting and Gyro data (1 to 5) screens and displayed by the method shown on the next.

- When the S.BUS connection is not used, the gyro data switching function cannot be used, so only [Gyro data 1] is displayed.

For GYD560



Basic setting

Response mode

Gyro sensor response setting.

* Low ➔ Middle ➔ High speeds up response.
* In high mode, using the dead band angle is too small, the servo will work continuously, but there is no problem in running. However, if strong the servo will work continuously occurs, set to middle or low mode.

Limit

Adjustment function of maximum steering angle.

* Operate the steering and adjust the left and right separately so that the maximum steering angle is obtained as long as the tires do not interfere with the arms.
* If the adjustment value of the limit is small (the maximum steering angle is not adjusted), it becomes easier to spin.
* During limit adjustment, the steering angle is amplified by 1.5 times, but this is not a malfunction. However, perform drive after completing the limit adjustment.

Neutral offset

Neutral adjustment function of the steering servo.

* Do not use transmitter trim and sub trim. Make the neutral setting with a gyro.

Reverse

Gyro control direction setting.

* If the car is turned to the left by hand steering goes out on the right.

Mode setting

Normal ⇔ UR ⇔ SR mode settings

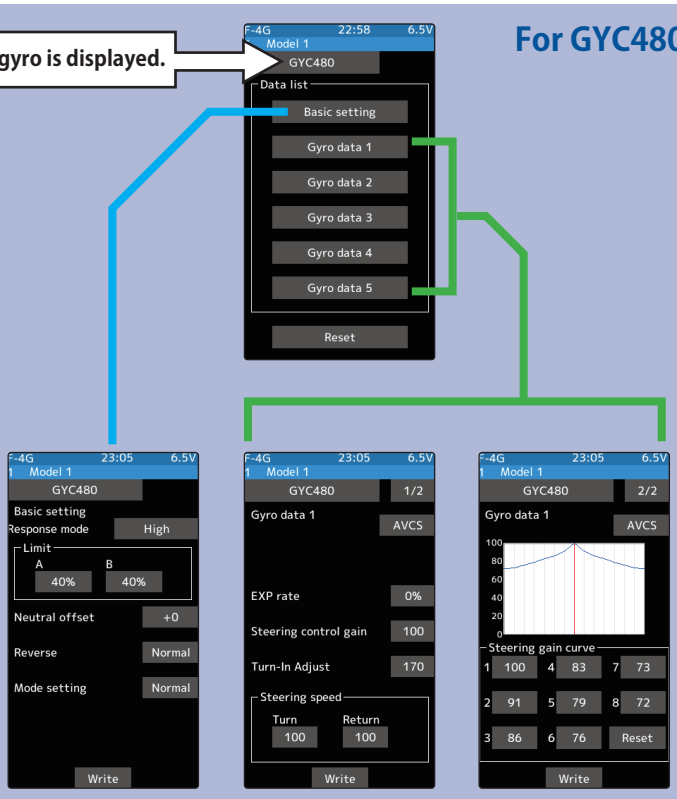
* Set mode setting to UR/SR only when using UR/SR mode with UR/SR compatible servos.

Gain mode

Gyro internal control gain switching.

* High gain is 1.5 times more sensitive than standard gain.
* Normally set to standard.
  Set to high gain if increasing the sensitivity setting of the transmitter to the maximum value is not enough.

For GYC480



Basic setting

Response mode

Gyro sensor response setting.

* Low ➔ Middle ➔ High speeds up response.
* In high mode, using the dead band angle is too small, the servo will work continuously, but there is no problem in running. However, if strong the servo will work continuously occurs, set to middle or low mode.

Limit

Adjustment function of maximum steering angle.

* Operate the steering and adjust the left and right separately so that the maximum steering angle is obtained as long as the tires do not interfere with the arms.
* During limit adjustment, the steering angle is amplified by 1.5 times, but this is not a malfunction. However, perform drive after completing the limit adjustment.

Neutral offset

Neutral adjustment function of the steering servo.

* Do not use transmitter trim and sub trim. Make the neutral setting with a gyro.

Reverse

Gyro control direction setting.

* If the car is turned to the left by hand steering goes out on the right.

Mode setting

Normal ⇔ UR ⇔ SR mode settings

* Set mode setting to UR/SR only when using UR/SR mode with UR/SR compatible servos.

For GYD560

Gyro data 1/2

AVCS and normal mode change button

The AVCS / NORMAL modes setting.

The gyro has 2 operating modes: NORMAL mode and AVCS mode.
In the AVCS mode, gyro control is firmer.
* The feel of operation is different, choose your favorite mode.
* NORMAL: The driver needs to perform counter-steer ➔ Operation opposite to the turn direction.

Damper

Hunting suppression

The higher the value, the stronger the hunting suppression. However, it will feel like the servo response has worsened.

Damper point

Adjust the servo response due to the effect of the damper against the gyro effect.

* The smaller the value, the stronger the influence of the Damper and the slower the servo speed.
* The higher the value, the slower the Damper will operate and the better the response, but the more likely it is that hunting will occur.

Steering control gain

Adjustment of intervention ratio of steering operation to gyro control.

When the numerical value is increased, the steering operation of the driver is largely reflected.
* The steering response feels fast.

Tail slide speed

Adjust the speed of the tail slide (shake the tail) when driving.

* Decreasing the numerical value decreases the speed of the tail slide, and increasing the numerical value increases the speed.
* Effective for adjusting the tail slide amount during steering operation.

Steering speed

The function to adjust servo speed for steering operation (same the function as servo speed of the transmitter).

* The smaller the value, the slower the servo speed.

Gyro data 2/2

Steering gain curve

Mixing to increase or decrease gyro gain in response to steering input. Eight points of gain can be set up to the endpoint based on neutral.

* It is set in conjunction with left-right symmetry.
* Tap [Reset] to initialize the settings.

*GYD560 has an increased amount of information, it takes longer to read and write data than the GYD550.

For GYC480

Gyro data 1/2

AVCS and normal mode change button

The AVCS / NORMAL modes setting.

The gyro has 2 operating modes: NORMAL mode and AVCS mode.
In the AVCS mode, gyro control is firmer.
* The feel of operation is different, choose your favorite mode.
* NORMAL: The driver needs to perform counter-steer ➔ Operation opposite to the turn direction.

EXP rate

Steering exponential adjustment function

This function makes the operation near neutral quicker or smoother by operating the steering wheel.

Steering control gain

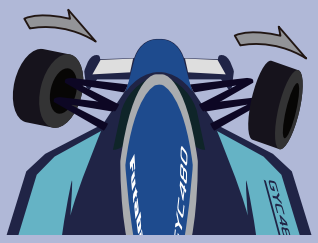
Adjustment of intervention ratio of steering operation to gyro control.

When the numerical value is increased, the steering operation of the driver is largely reflected.
* The steering response feels fast.

Turn-In Adjust (AVCS only)

Adjust the turn-in speed to adjust turning ability.

* A smaller number will slow down the turn-in speed, a larger number will make it faster.



Steering speed

The function to adjust servo speed for steering operation (same the function as servo speed of the transmitter).

* The smaller the value, the slower the servo speed.

Gyro data 2/2

Steering gain curve

Mixing to increase or decrease gyro gain in response to steering input. Eight points of gain can be set up to the endpoint based on neutral.

* It is set in conjunction with left-right symmetry.
* Tap [Reset] to initialize the settings.

4 (Writing to Gyro)

Execute this function to write the setting data to the Gyro.

Tap the setting item [Write] on both the Basic setting screen and the Gyro data screen. After "Write Please wait" is displayed, an electronic sounds and writing ends. Be sure to write after changing the settings.

The write button is not displayed for the limit settings and neutral offset settings because the changed data is written to the gyro every time the setting value is changed.

- If "Failed" is displayed on the screen, communication with the gyro has not been performed normally. Check receiver, gyro and battery connections, transmitter and receiver power switches, and repeat [Write].

T10PX Software Update

Ver.13.0

●Supported the following Kyosho products:

Compatible receivers

MINI-Z EVO receiver unit T7PX/T7XC/T4PM 82042

MINI-Z EVO2 receiver unit for Futaba compatible transmitters 82044

MINI-Z EVO2 receiver unit V2 for Futaba compatible transmitters 82046

Compatible chassis

MR-03EVO

MINI-Z racer MR-03 EVO chassis set（W-MM/12000KV）32790

MINI-Z racer MR-03 EVO chassis set（N-MM2/5600KV）32791

MR-04 EVO2

MINI-Z racer MR-04 EVO2 chassis set (W-MM/8500KV) 32890

MINI-Z racer MR-04 EVO2 chassis set (W-MM/5600KV) 32891

MINI-Z racer MR-04 EVO2 chassis set (N-MM2/4100KV) 32892

● Additional features

- **Receiver Settings: Add Telemetry Mode to MINI-Z EVO2**
- **REAL TIME ICS MiniZ**

When the telemetry function of the MINI-Z EVO2 is turned on, it is possible to change the parameters of the MR-04 chassis.

MINI-Z EVO is a non-telemetry protocol compatible with the MR-03 EVO chassis.

Compatible chassis

MINI-Z racer MR-03EVO chassis set（W-MM/12000KV）32790

MINI-Z racer MR-03EVO chassis set（N-MM2/5600KV）32791

Compatible receivers

FUTABA/FHSS receiver unit (for T7PX/T7XC) No82042

MINI-Z EVO2 receiver unit for Futaba compatible transmitters 82044

MINI-Z EVO2 receiver unit V2 for Futaba compatible transmitters 82046

MINI-Z EVO2 is a protocol compatible with the MR-04 EVO2 chassis.

MINI-Z racer MR-04 EVO2 chassis set (W-MM/8500KV) 32890

MINI-Z racer MR-04 EVO2 chassis set (W-MM/5600KV) 32891

MINI-Z racer MR-04 EVO2 chassis set (N-MM2/4100KV) 32892

MINI-Z EVO2 telemetry OFF is a non-telemetry protocol.

MINI-Z EVO2 receiver unit for Futaba compatible transmitters 82044

MINI-Z EVO2 receiver unit V2 for Futaba compatible transmitters 82046

MINI-Z EVO2 telemetry ON has two types of telemetry protocols.

Response Slow ･･･REAL TIME ICS MiniZ and Telemetry Enabled

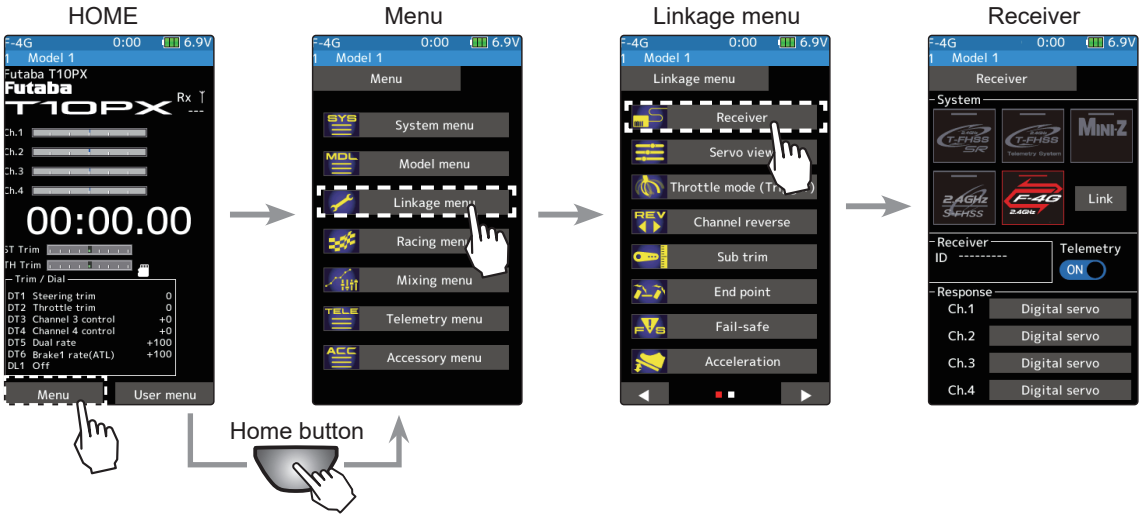
Response Fast ･･･････REAL TIME ICS MiniZ (non-telemetry)

MINI-Z EVO2 receiver unit V2 for Futaba compatible transmitters 82046

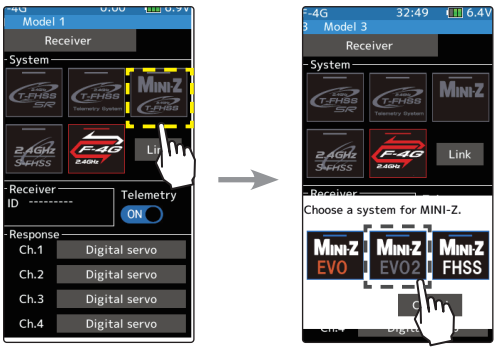
	MR-03 EVO	MR-04 EVO2
82042	○ (Link with MINI-Z EVO)	○ (Link with MINI-Z EVO)
82044	○ (Link with MINI-Z EVO)	○ (Link with MINI-Z EVO or MINI-Z EVO2 telemetry OFF)
82046	○ (Link with MINI-Z EVO)	○ (Link with MINI-Z EVO or MINI-Z EVO2 telemetry OFF or MINI-Z EVO2 telemetry ON)

How to configure the system

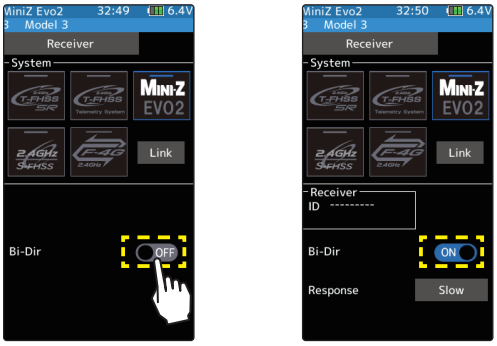
1 Set the transmitter "PWR" side power switch to ON. From the Home screen, press the HOME button or tap [Menu] on the touch panel. Next, select [Receiver] at the Linkage menu and access the setup screen shown below by tapping the screen.



2 In "Receiver," select and tap the MINI-Z. When the MINI-Z system selection screen appears, tap [MINI-Z EVO2].



3 If you want to use telemetry, tap Bi-Dir. A confirmation screen will appear, so tap "Yes" to make the system telemetry-compatible.

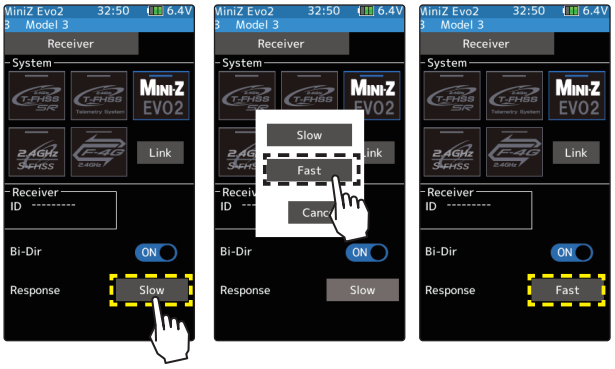


4 Response is selectable.

Response Slow: Telemetry is supported.

Response Fast: Telemetry is not supported.

Both parameter settings from the REAL TIME ICS MiniZ transmitter are supported.

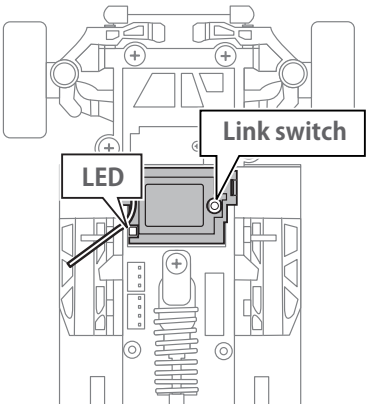


5 After making any changes to system, be sure to link it with the receiver.

How To Link

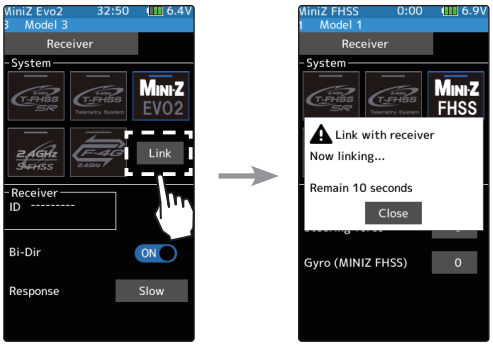
With the transmitter T10PX powered on, bring it within 20-inches (half a meter) of the MINI-Z receiver. (Place the antennas as close together as possible.)

1 Turn on the power of the MINI-Z receiver.

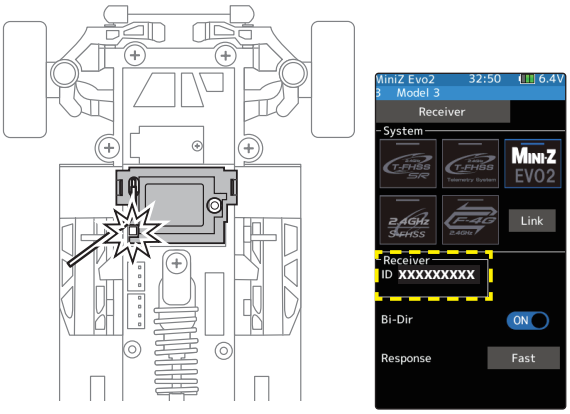


2 Tap [Link] on the “Receiver” screen. The T10PX will enter link mode, Rand a message will be displayed.

3 Press and release the link switch on the MINI-Z receiver for more than 2 seconds, and when the LED lights up for 2 seconds and then flashes again, cancel the link mode of the T10PX and return it to normal mode.



4 When the MINI-Z receiver LED lights up, the link is complete.

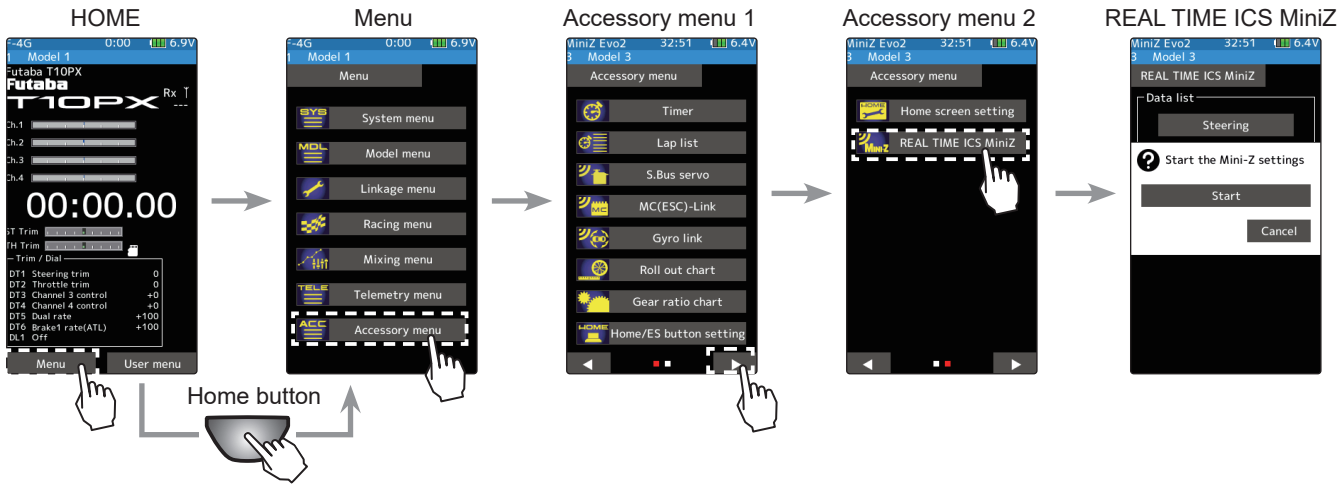


* 82042 and 82044 do not show a link OK message.
82046 shows a message when the MINI-Z EVO/MINI-Z EVO2 link is successful. Also, when MiniZ-EVO2 is bidirectionally ON, the ID is displayed when the link is successful.

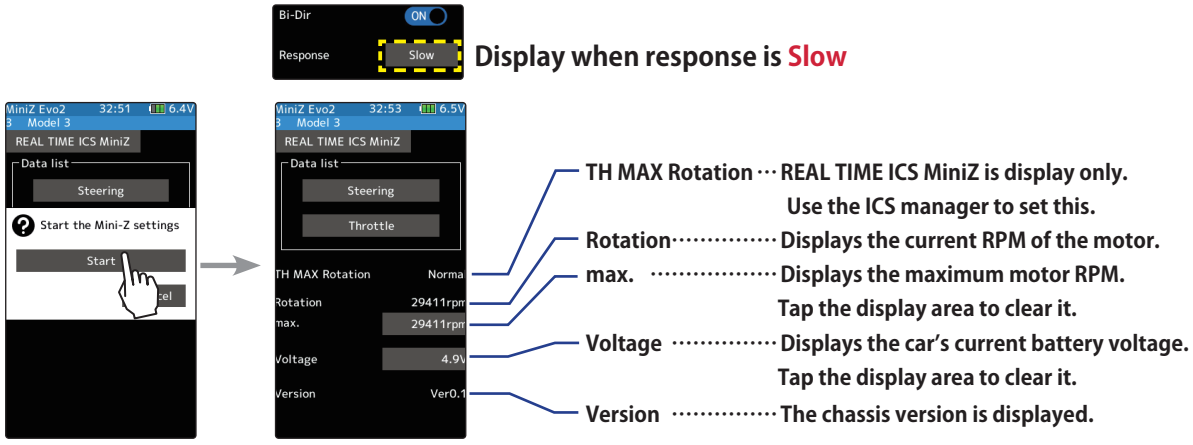
REAL TIME ICS MiniZ setting

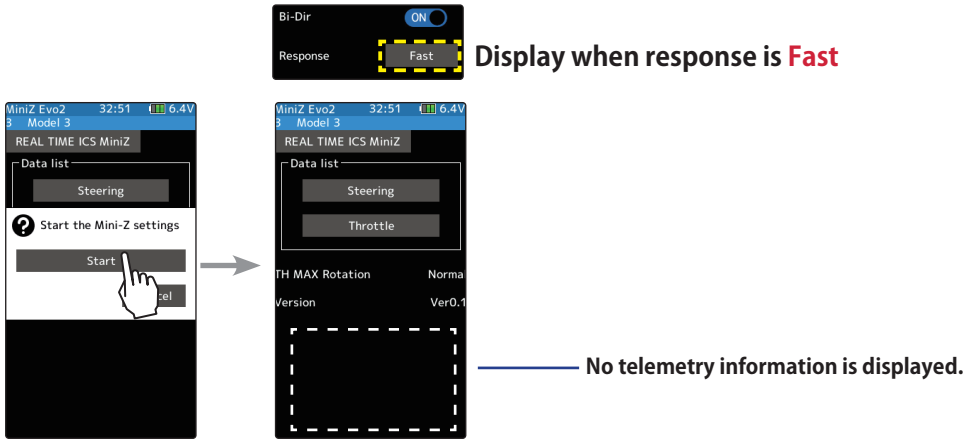
When the telemetry function of the MINI-Z EVO2 is turned on, it is possible to change the parameters of the MR-04 chassis.

1 Set the transmitter “PWR” side power switch to ON. From the Home screen, press the HOME button or tap [Menu] on the touch panel. Next, select [REAL TIME ICS MiniZ] at the Accessory menu page 2 and access the setup screen shown below by tapping the screen.

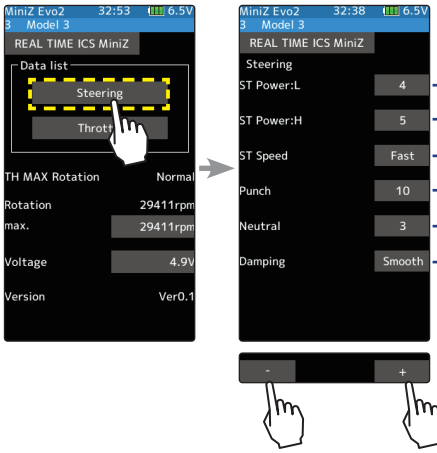


2 Tap [Start] to display information from the chassis.





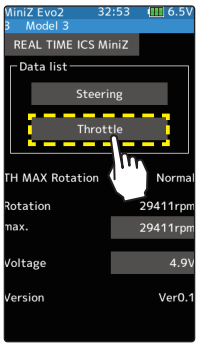
3 Tapping [Steering] allows you to set steering parameters from the transmitter.



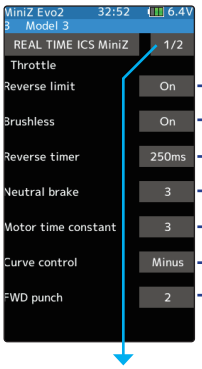
- ST Power：L（Setting of holding characteristics near neutral） 1～5
- ST Power：H（Setting of retention characteristics for ranges other than power low） 1～5
- ST Speed （Maximum steering speed setting） Slow、2～4、Fast
- Punch （Initial response settings） 1～20
- Neutral （Neutral zone settings） 0～10
- Damping （Brake characteristic setting）Over、Middle、Smooth

When the tap the setting value for each item, ± button will appear at the bottom of the screen.
When set the value using the ± button, it will be immediately reflected on the car.

4 Tapping [Throttle] allows you to set steering parameters from the transmitter.



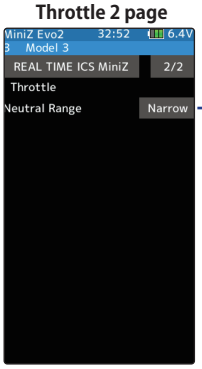
Throttle 1 page



When you touch the No Backwheel and Brushless items, a confirmation screen will appear.
Tapping "Yes" will change the settings.

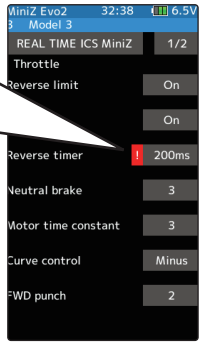
- Reverse limit OFF(with reverse)/ON(without reverse)
- Brushless（Selection of motor type）ON(Brushless motor)/OFF(Brushed Motor)
- Reverse timer（Time lag to start reverse）Slow: 2.8ms~700ms Fast: 0.99ms~250ms
- Neutral brake（Braking in neutral）1～5
- Motor time constant（Motor start-up time）1～5
- Curve control（Response to throttle opening）Minus、Flat、Plus
- FWD punch（Throttle initial response setting） 0～10

Throttle 2 page



- Neutral Range (Neutral zone setting) Narrow、Middle、Wide

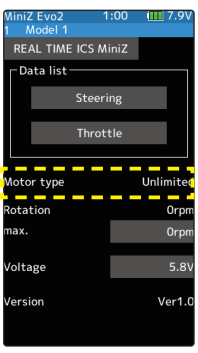
If the setting data of the car and the setting data of the transmitter are different, the [!] mark will be displayed.
When the setting data of the transmitter is changed and reflected in the car, the [!] mark will disappear.



When the tap the setting value for each item, ± button will appear at the bottom of the screen.
When set the value using the ± button, it will be immediately reflected on the car.

For MINI-Z RC unit V1.0~

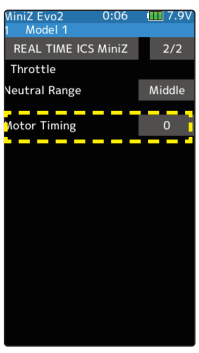
If the MINI-Z RC unit is V1.0~, the following parts will be changed or added.



REAL TIME ICS MiniZ → Screen after [Start]

- Motor type

REAL TIME ICS MiniZ is display only.
Use the ICS manager to set this.



[Throttle] Settings screen page 2

- Motor Timing

Setting range：0-8

T10PX Software Update

Ver.12.0

1. Compatible with S-C401

S-C401, have been added to the UR mode / SR compatible servos.

*For S-C401, only UR1 can be used in UR mode. UR2, UR3, UR4 cannot be used.

T10PX Software Update

Ver.11.1

Fixed the telemetry RPM display on the home screen.

T10PX Software Update

Ver.11.0

1. Compatible with BLS-CM600 S-C400 S-C300

BLS-CM600, S-C400, S-C300, have been added to the UR mode / SR compatible servos.

*For S-C400 and S-C300, only UR1 can be used in UR mode. UR2, UR3, UR4 cannot be used.

***Frequency** cannot be set for S-C400 and S-C300.

*When S-C400 is set to UR1 mode, the upper limit of **Stretcher** setting value is **4.000**.

2. Software fix home screen display settings (ACCESSORY MENU)

Fixed an issue where the unit system (when changing meters to yards/pounds) settings were not reflected when Instrument panel 2 to 4 were selected in the home screen display settings.

T10PX Software Update

Ver.10.0

1. Compatible with ESC with firmware updated below

- FUTABA MC971CR Ver.F3.10 [0A.0A.F3.10] ～
- ACUVANCE XarvisXX Ver.C1.10 [0A.0C.C1.10] ～
- ACUVANCE RAD Ver.F3.10 [0A.0A.F3.10] ～

*When using the above ESC with T10PX Ver10.0, be sure to update the ESC to the above version.

T10PX Software Update

Ver.9.0

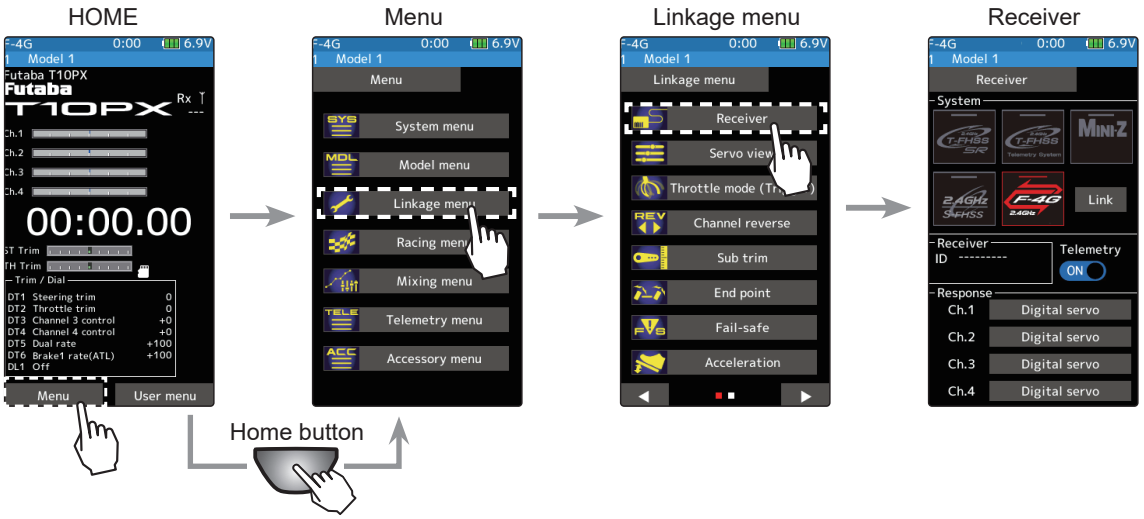
1. Compatible with MINI-Z EVO2

Supported the MINI-Z EVO2 for Kyosho.

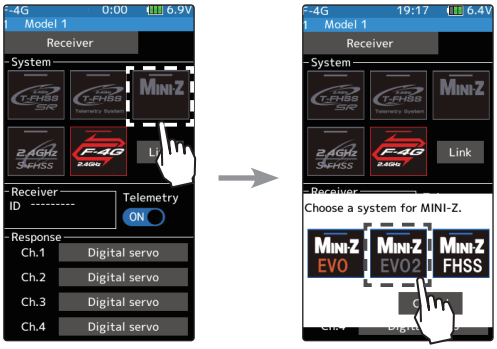
* KYOSHO MINI-Z receiver unit **RA-51** [No.82044] (sold separately) is required.

Receiver system Change

1 Set the transmitter “PWR” side power switch to ON. From the Home screen, press the HOME button or tap [Menu] on the touch panel. Next, select [Receiver] at the Linkage menu and access the setup screen shown below by tapping the screen.



2 In “Receiver,” select and tap the MINI-Z. When the MINI-Z system selection screen appears, tap [MINI-Z EVO2].

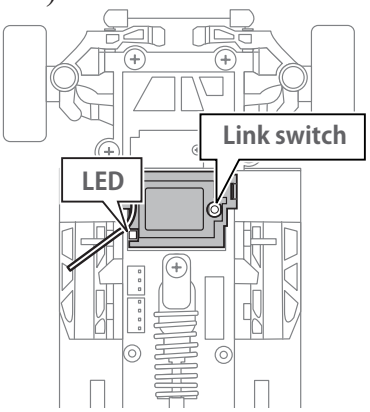


3 System change ends. After changing the system, be sure to link it with the Receiver.

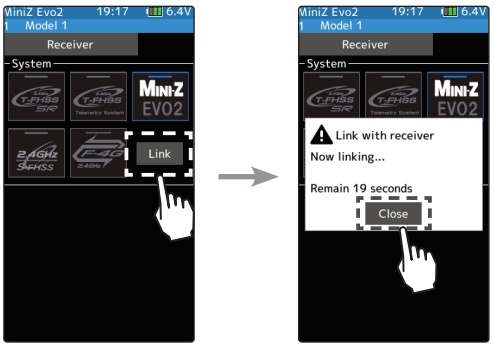
How To Link

With the transmitter T10PX powered on, bring it within 20-inches (half a meter) of the MINI-Z receiver RA-51. (Place the antennas as close together as possible.)

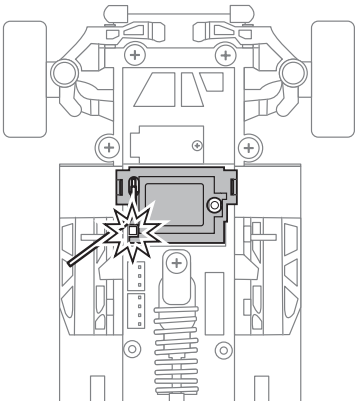
1 Turn on the power of the MINI-Z receiver RA-51.



2 Tap [Link] on the “Receiver” screen. The T10PX will enter link mode, Rand a message will be displayed.



3 Press and release the link switch on the MINI-Z receiver RA-51 for more than 2 seconds, and when the LED lights up for 2 seconds and then flashes again, cancel the link mode of the T10PX and return it to normal mode.



4 When the MINI-Z receiver RA-51 LED lights up, the link is complete.

T10PX Software Update

Ver.8.0

1. Compatible with HPS-CT501

HPS-CT501 have been added to the UR mode / SR compatible servos.

T10PX Software Update

Ver.7.0

1. Compatible with MINI-Z FS-RM005 module

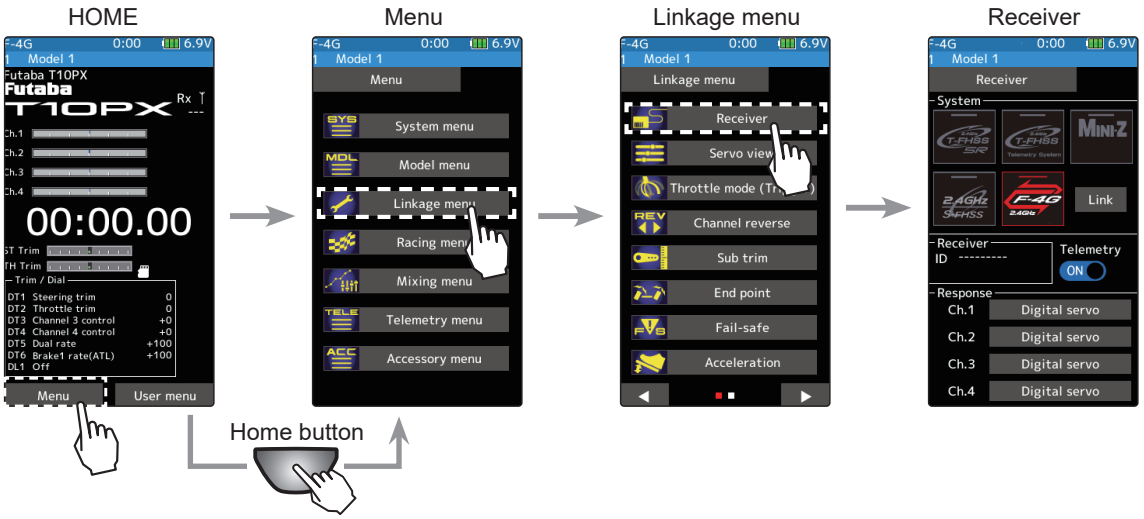
Supported the FS-RM005 module for Kyosho MINI-Z FHSS.

* KYOSHO MINI-Z module conversion adapter (sold separately) is required.

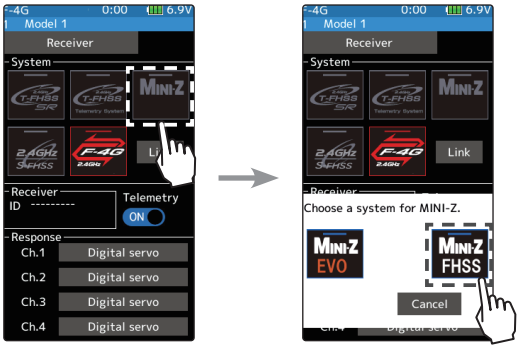
Receiver system Change

Use MINI-Z ADAPTER T10PX to connect FS-RM005 module to T10PX.

1 Set the transmitter “PWR” side power switch to ON. From the Home screen, press the HOME button or tap [Menu] on the touch panel. Next, select [Receiver] at the Linkage menu and access the setup screen shown below by tapping the screen.



2 In “Receiver,” select and tap the MINI-Z. When the MINI-Z system selection screen appears, tap [MINI-Z FHSS].



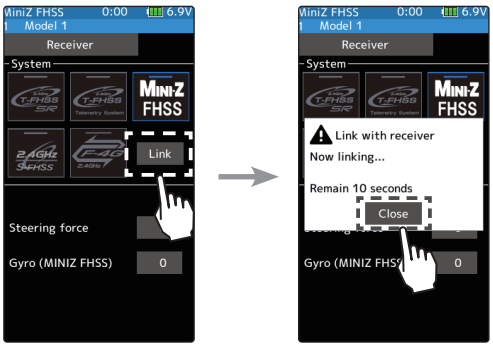
3 System change ends. After changing the system, be sure to link it with the Receiver.

How To Link

With the transmitter T10PX powered on, bring it within 20-inches (half a meter) of the MINI-Z receiver.

1 Turn on the power while pressing the link switch of the MINI-Z receiver. Check that the LED on the MINI-Z receiver blinks quickly and releases the link switch.

2 Tap [Link] on the “Receiver” screen. The T10PX will enter link mode, Rand a message will be displayed. Confirm that the LED on the MINI-Z receiver has changed to slow blinking, then tap [Close].



3 Linking is complete when the LED on the MINI-Z receiver changes from blinking to lit.

MINI-Z FHSS receiver function setting method

You can set the steering force function and gyro function of the MINI-Z FHSS receiver with T10PX.

1 (Steering force adjustment)

Tap the value button of [Steering force]. Value input buttons appear on the screen, use the [+] and [-] buttons to adjust the steering force amount.

(Gyro gain adjustment)

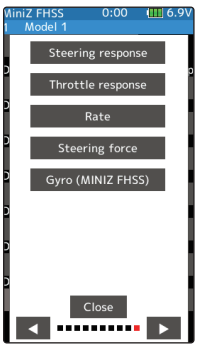
Tap the value button of [Gyro (MINIZ FHSS)]. Value input buttons appear on the screen, use the [+] and [-] buttons to adjust the gyro gain amount.

Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

Steering force
1~100
Initial value: 62

Gyro gain
1~100
Initial value: 62

*For T10PX updated to Ver.7.0, as the **Steering force** and **Gyro gain** of each model data will be forced to set to "0", please reset it to the initial value of "62", or set it to an appropriate value.



Trim/Dial Setting

The Steering force amount and Gyro gain can be controlled with the digital dial or digital trim using the trim/dial select function. (Linkage menu)

2. Compatible with HPS-CT702 /HPS-CD700

HPS-CT702 and HPS-CD700 have been added to the UR mode / SR compatible servos.

3. Gear ratio chart Expanded spur setting range

In the gear ratio chart, we have expanded the range of spur gear settings from 50-130 to 40-130.

4. 4WS Mixing - Memorize 4WS type

It is updated to boot from the last selected 4WS type when powering on T10PX.

T10PX Software Update

Ver.6.0

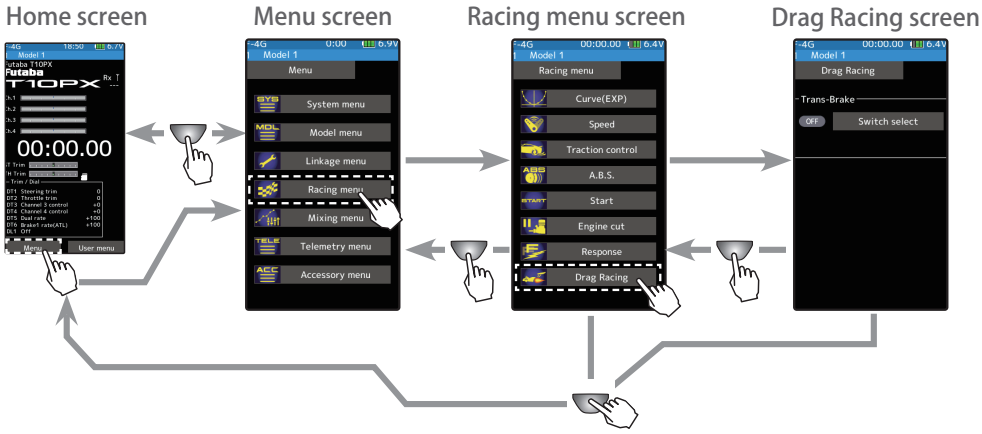
1. Added Trans-Brake

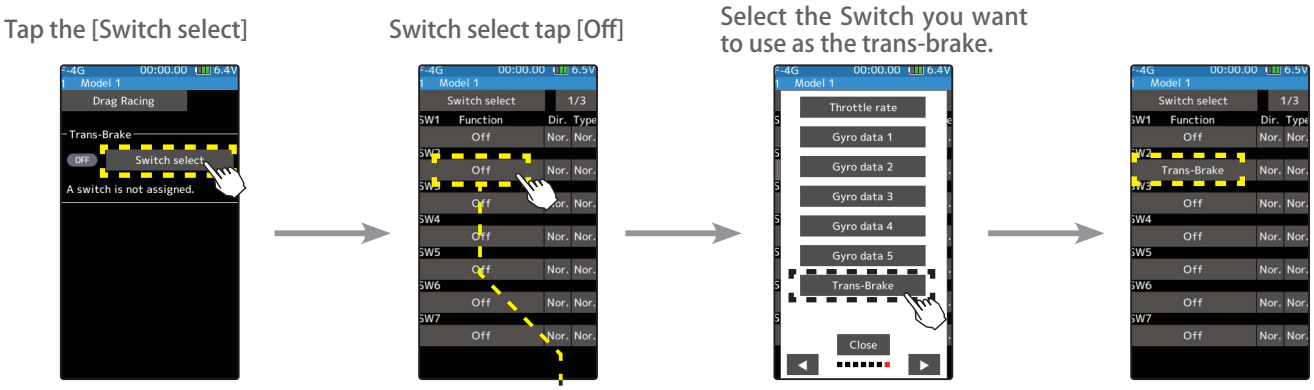
RACING MENU

Drag racing

Trans-Brake

The Trans-Brake allows the engine to develop full power without that power being transmitted into the drive-train. This function can be used in a drag racing situation, where the driver can use the trans-brake to assist in the staging process.

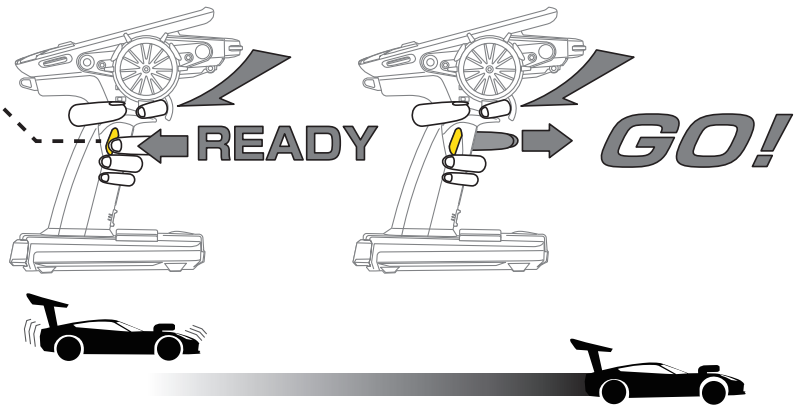




SW2 example

Home screen

When the switch is activated, Trans-brake is visible as “BRK” on the main screen. You can now modulate the throttle and the car will not move until the Trans brake switch is released.



T10PX Software Update

Ver.5.0

1. Extended throttle speed function.

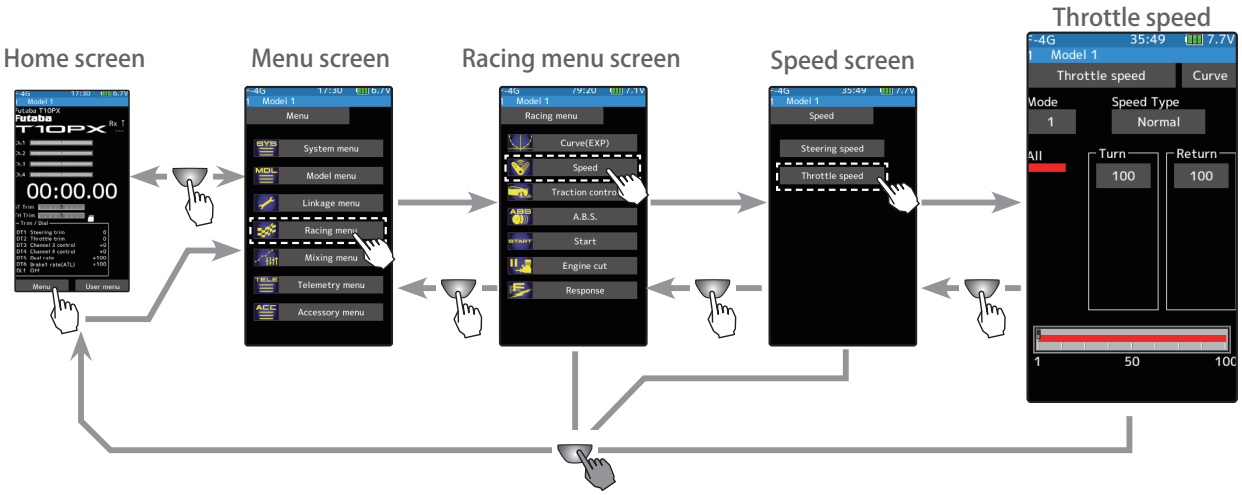
Added an alternate speed type for drag cars to the throttle speed function.

RACING MENU

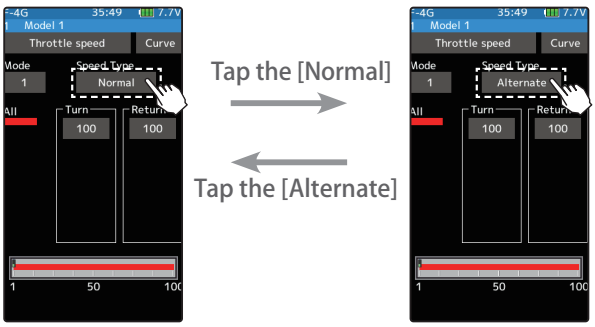
Speed

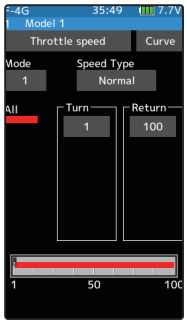
Throttle speed

Sudden throttle trigger operation on a slippery road only causes the wheels to spin, and the vehicle cannot accelerate smoothly. Setting the throttle speed function reduces wasteful battery consumption while at the same time permitting smooth, enjoyable operation.



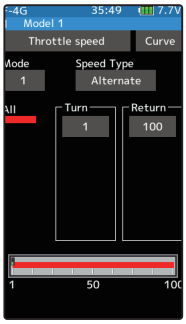
Speed Type (Normal / Alternate)





Normal Speed Type

When speed type is set to normal, traditional Speed & curve operation will occur, the throttle curve will not listen to the speed function.



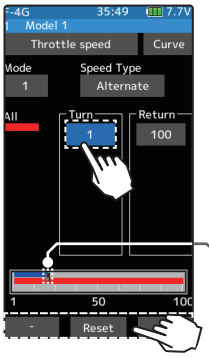
Alternate Speed Type

When the speed type is set to alternate, it allows speed to follow and traverse the throttle curve. Additionally a button was also added to the speed menu to quickly navigate to throttle curve regardless of speed type.

Using Alternate Speed Type

1 ("Turn" direction delay adjustment)

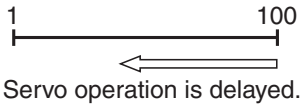
Tap the value button on the [Turn] . Value input buttons appear on the screen. Use the [+] and [-] buttons to adjust the turn speed amount.



* Throttle trigger position

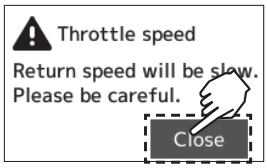
Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

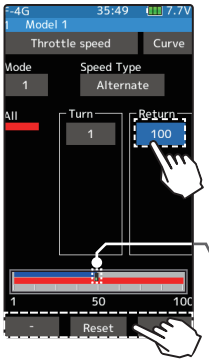
Speed range
1~100
Initial value:
100, there is no delay.



2 ("Return" direction delay adjustment)

Tap the value button on the [Return] .A warning is displayed saying, "Return speed will be slow. Please be careful.". If you want to use the return, tapped [Close]. Value input buttons appear on the screen. Use the [+] and [-] buttons to adjust the return speed amount.

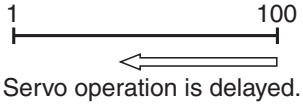




* Throttle trigger position

Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

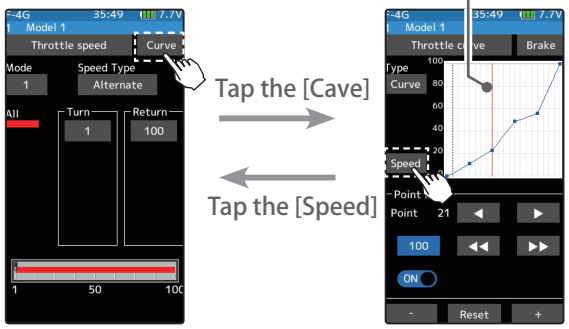
Speed range
1~100
Initial value:
100, there is no delay.



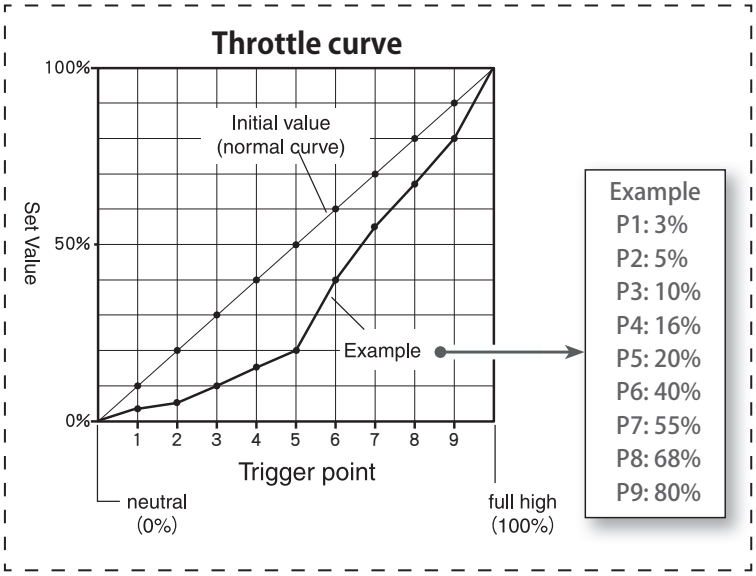
Curve (EXP)

Throttle curve

A button was also added to throttle curve to quickly navigate to speed menu regardless of speed type.



When in Alternate mode, the red indicator on the curve screen represents speed.



Advice

Alternate speed type is great for high power applications where traction can easily be lost. With Drag cars this feature can slow the output power level by fine tuning points on the throttle curve menu with speed set at lower number.

2. Extended winch mixing function.

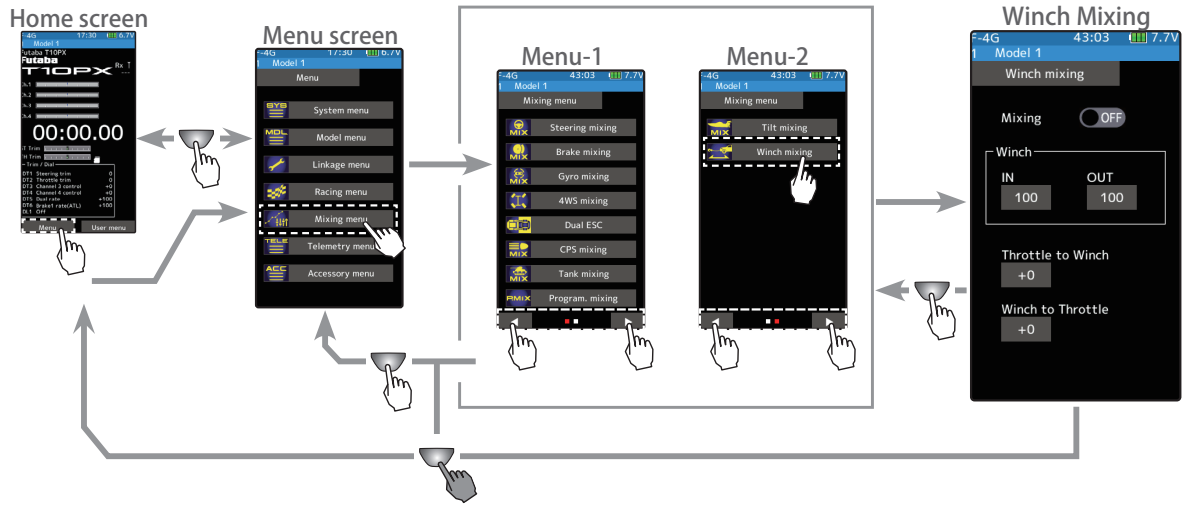
It added winch mixing that can use on crawlers and others.

MIXING MENU

Winch Mixing

This mixing function allows any Trim/Dial to control a winch. The Trim/Dial will only move the device forward or reverse when the button is activated or pressed acting in a momentary manner. Movement will stop when the switch is released.

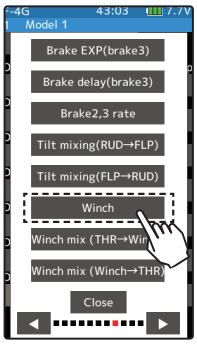
Winch mixing uses a winch and applies bidirectional mixing from the throttle to winch and from the winch to throttle so that the rock crawler and winch can operate simultaneously with one input.



Winch mixing adjustment

(Preparation)

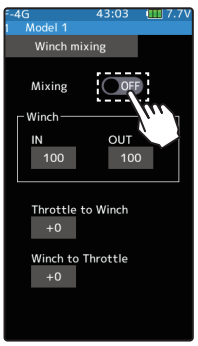
Use the "Trim/Dial select" function to select the winch channel operation dial (Linkage menu)



1 (Function ON/OFF)

Tap Mixing (ON) or (OFF) to select ON/OFF

"OFF": Mixing function OFF
"ON": Mixing function ON

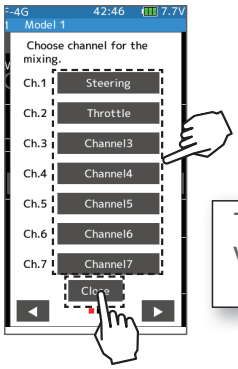


Setting
- Tap (ON)/(OFF).

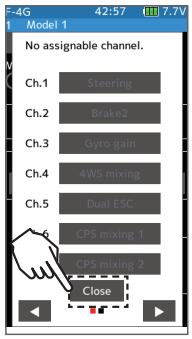
2 (Channel setup)

The channel list screen used for the winch is displayed. Tap the auxiliary channel that connected the winch the winch.

- When all channels are in use, a screen saying "No assignable channel" is displayed, please turn off other mixing and make an unused channel. You can check the mixing used on the channel setting screen (Linkage menu).



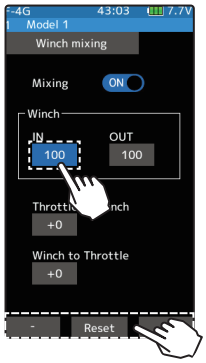
The number of channels varies depending on the selected system.



If there is no assignable channel, tap [Close]. Turn off other mixing and make assignable channels.

3 (-Set the amount of movement)

Tap the value button on the [IN] or [OUT]. Value input buttons appear on the screen. Use the [+] and [-] buttons to adjust each movement amount.



Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

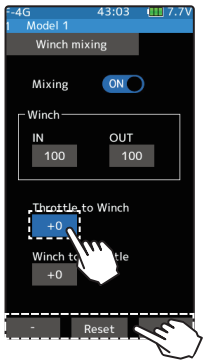
IN/OUT amount
0~100
Initial value: 100

Mixing from the winch to throttle and throttle to winch can be set.

4 (-Throttle to Winch adjustment)

Tap the value button on the [Throttle to Winch]. Value input buttons appear on the screen. Use the [+] and [-] buttons to adjust the mixing amount.

- The mixing operation from the throttle to the winch does not exceed the range of winch operation set with [IN]/[OUT].

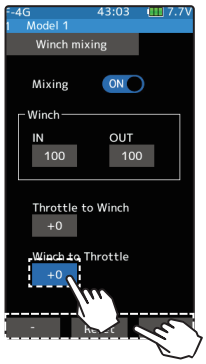


Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

Throttle to Winch amount
0~100
Initial value: 0

5 (-Winch to Throttle adjustment)

Tap the value button on the [Winch to Throttle], value input buttons appear on the screen. Use the buttons to adjust the mixing amount.



Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

Winch to Throttle amount
0~100
Initial value: 0

Trim/Dial Setting

The mixing rate amount can be controlled with the digital dial or digital trim, using the trim/dial select function. (Linkage menu)

T10PX Software Update

Ver.4.0

1. Compatible with HPS-CB701

HPS-CB701 has been added to the UR mode / SR compatible servos.

2. Change ESC display name (TELEMETRY MENU)

Changed the name of the MC970CR/MC971CR/Acuvance ESC displayed in the telemetry function to "MC/Acuvance".

T10PX Software Update

Ver.3.1

1. Software fix sensor register (TELEMETRY MENU)

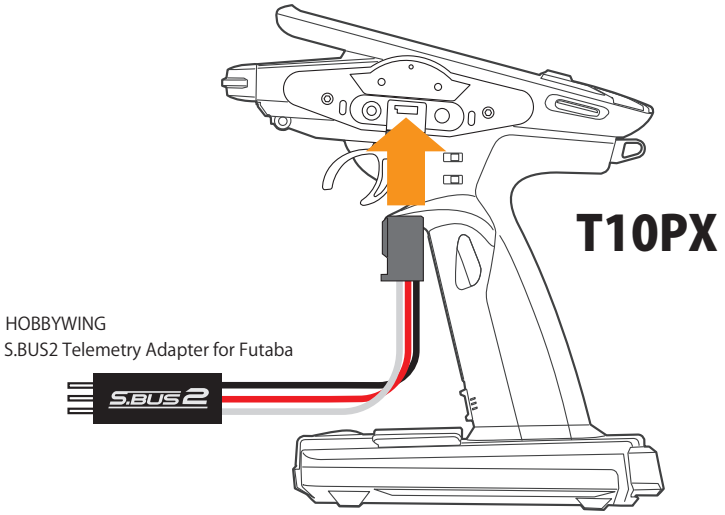
Fixed the problem that hobbywing telemetry adapter sensor registration may fail.

T10PX Software Update

Ver.3.0

1. HOBBYWING ESC telemetry compatible

◆ **HOBBYWING ESC Register with T10PX**



Check the HOBBYWING website for compatible ESCs

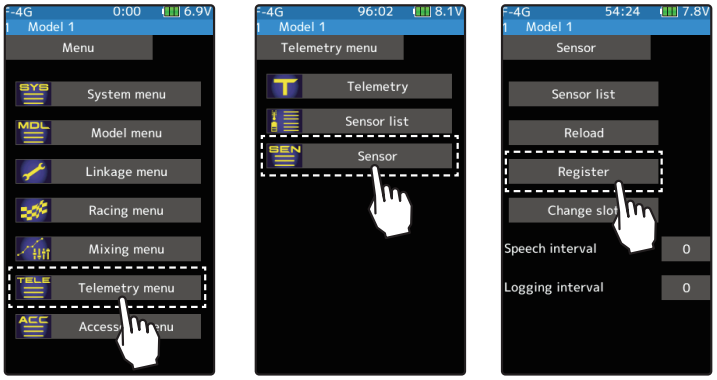
Telemetry items vary by ESC. (Some ESCs do not display the telemetry items described in this manual.) Please contact Hobbywing for details.

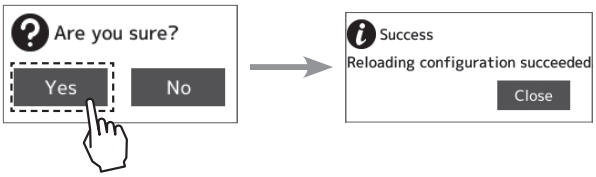
Connect the Hobbywing S.BUS2 Telemetry Adapter for Futaba to the COM port on the back of the T10PX.

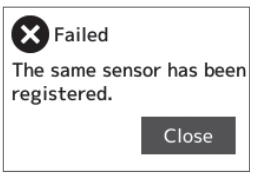
*Please note that the proper default slot for this accessory is number 8. This sensor uses eight slots. Being made to a start slot are 8, 16, and 24. Information on how to change the slot assignment is included in the transmitter's manual.

T10PX screen

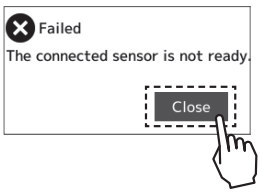
T10PX Menu → **Telemetry menu** → **Sensor**







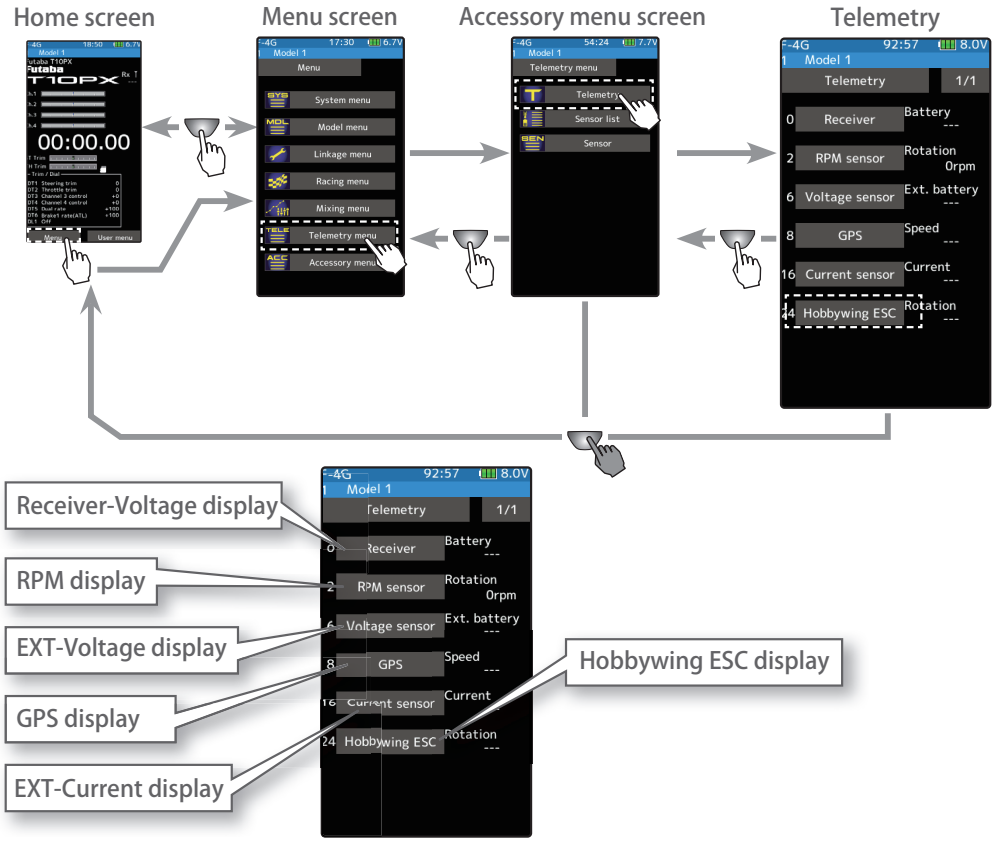
Confirm ESC connection ←



◆ **The registered ESC will be displayed as "Hobbywing ESC".**

Telemetry

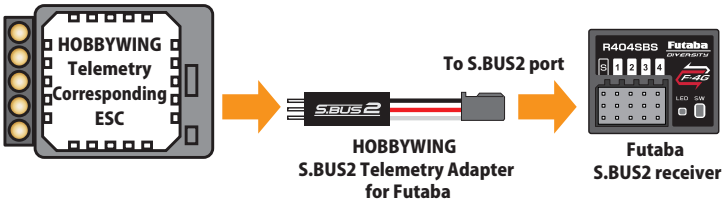
This screen displays and sets the various information from the receiver. The telemetry can be used in the F-4G and THFSS system, but not in the THFSS-SR mode. An alarm and vibration can be generated depending on the information. Each information screen sets the alarm and the vibration. For example, a drop in the voltage of the receiver battery housed in the model car can be reported by an alarm. The telemetry data received last is memorized. Therefore, even if the receiver power is turned off, information display, audio guide, and alarms remain until the transmitter power is turned off. The speech function can be turned on and off with the specified switch.



Using Telemetry function

(Preparation)

Hobbywing ESC + S.BUS2 Telemetry Adapter for Futaba used is connected with the receiver.



1 (Function ON/OFF)

Tap telemetry (ON) or (OFF) to select ON/OFF.

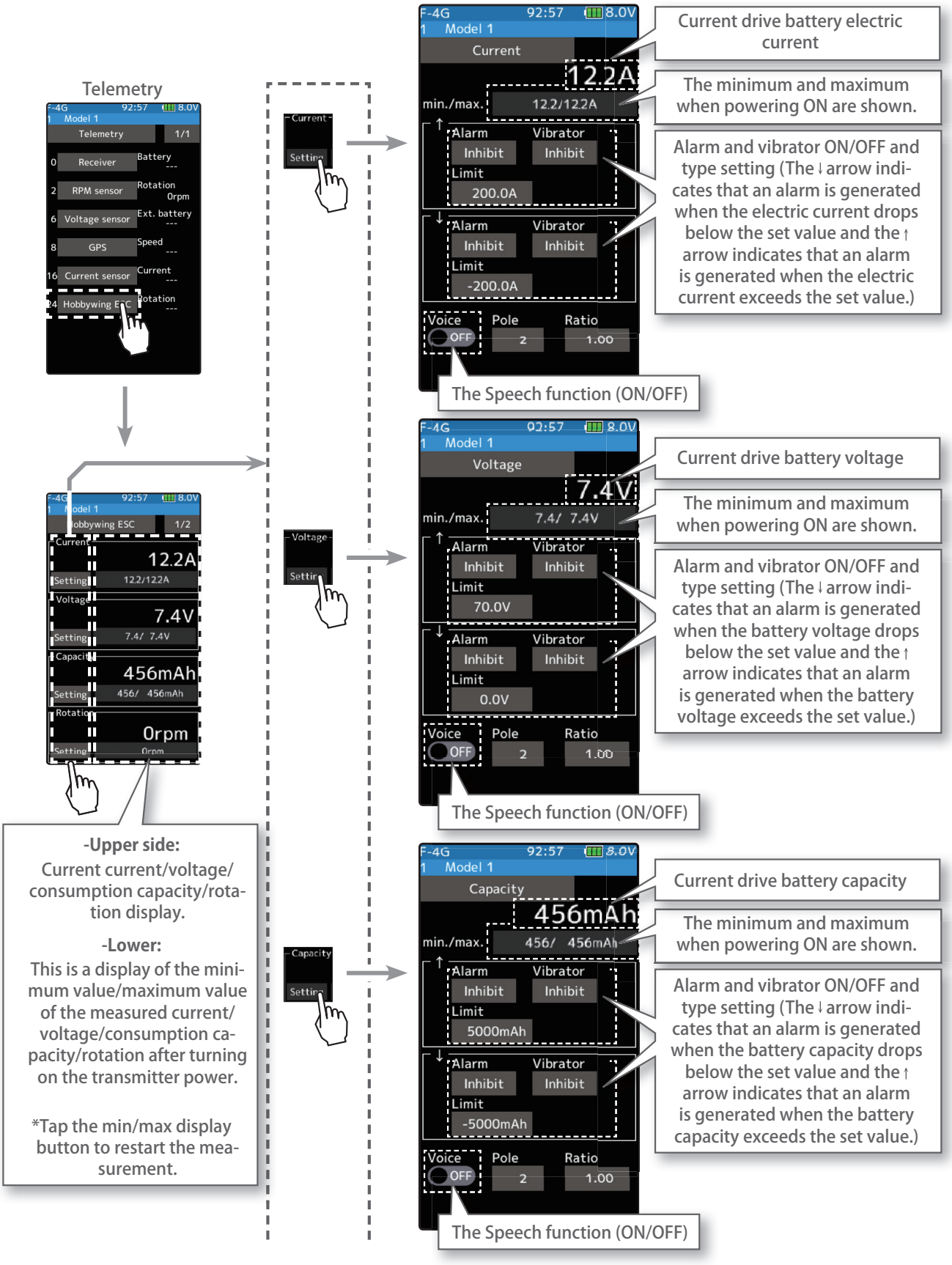
"OFF": Telemetry function OFF
"ON": Telemetry function ON

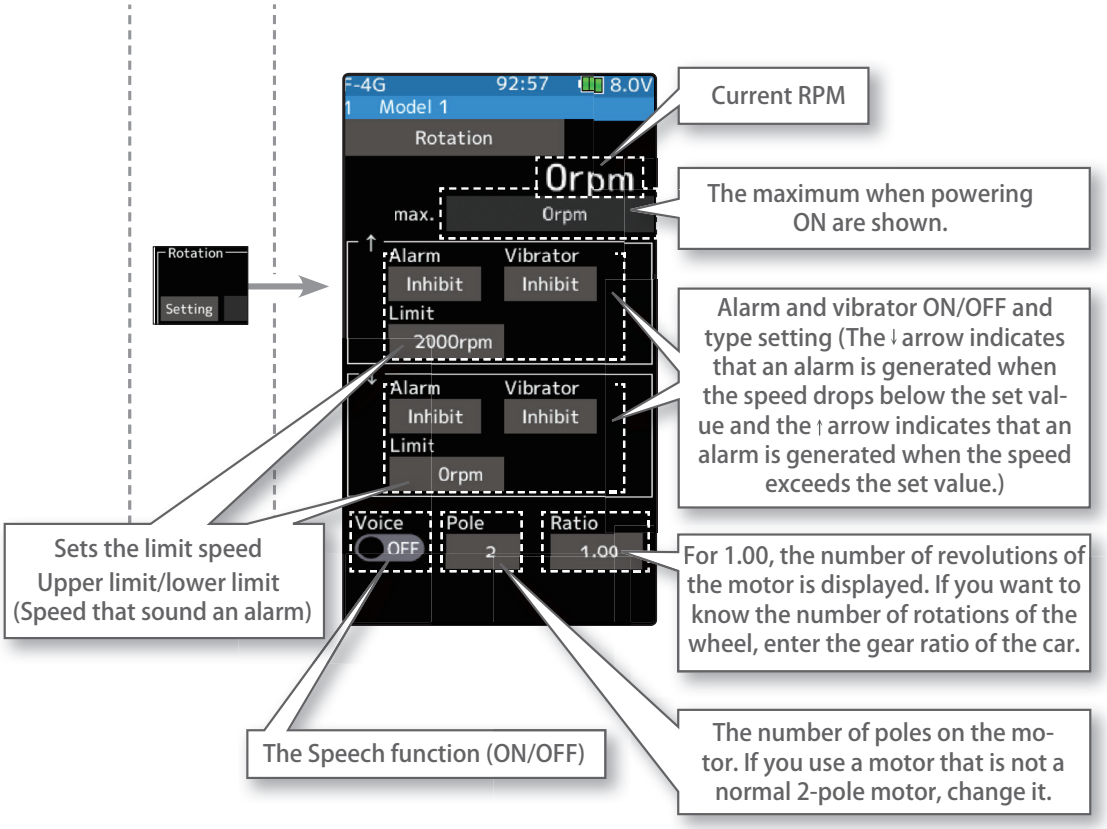
2 When finished, return to the Linkage menu screen by pressing the HOME button.

Telemetry function ON

Telemetry : Current · Voltage · Capacity · Rotation

The current, voltage, and capacity consumption of the power battery connected to the ESC can be monitored by the transmitter. In addition, the rotation speed of the motor can be monitored. If it becomes higher (lower) than the set value, you can be notified by an alarm or vibration.

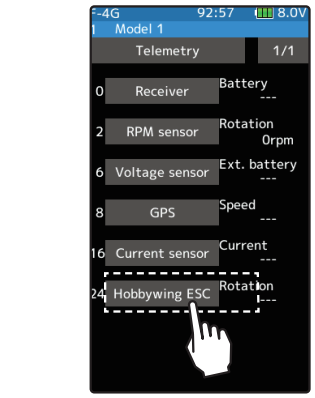


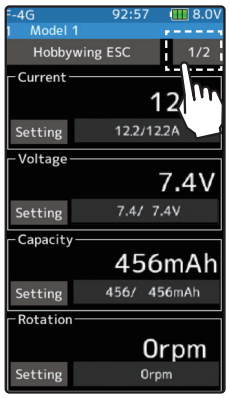


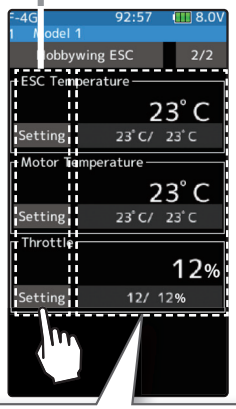
Telemetry items vary by ESC. (Some ESCs do not display the telemetry items described in this manual.) Please contact Hobbywing for details.

Telemetry : ESC Temp・Motor Temp・Throttle position

The ESC Temp, Motor Temp, and throttle position can be monitored by the transmitter. If it becomes higher (lower) than the set value, you can be notified by an alarm or vibration.



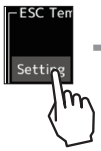


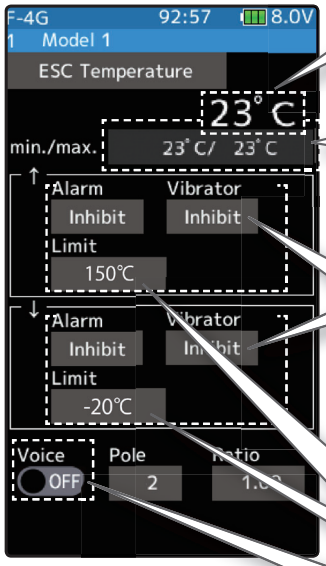


-Upper side:
Current ESC Temp/Motor Temp/ Throttle position display.

-Lower:
This is a display of the minimum value/maximum value of the measured ESC Temp/Motor Temp/Throttle position after turning on the transmitter power.

*Tap the min/max display button to restart the measurement.





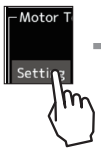
Current temperature

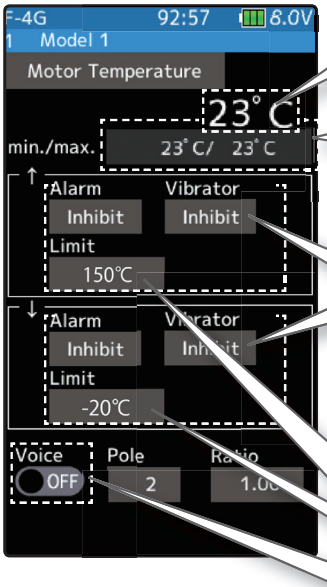
The minimum and maximum the when powering ON are shown.

Alarm and vibrator ON/OFF and type setting (The ↓ arrow indicates that an alarm is generated when the TEMP drops below the set value and the ↑ arrow indicates that an alarm is generated when the TEMP exceeds the set value.)

Limit temperature setting (Temperature that sounds an alarm)

The Speech function (ON/OFF)





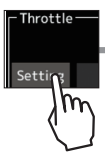
Current temperature

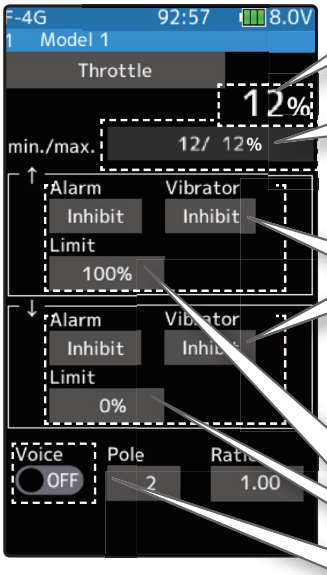
The minimum and maximum the when powering ON are shown.

Alarm and vibrator ON/OFF and type setting (The ↓ arrow indicates that an alarm is generated when the TEMP drops below the set value and the ↑ arrow indicates that an alarm is generated when the TEMP exceeds the set value.)

Limit temperature setting (Temperature that sounds an alarm)

The Speech function (ON/OFF)





Current position

The minimum and maximum the when powering ON are shown.

Alarm and vibrator ON/OFF and type setting (The ↓ arrow indicates that an alarm is generated when the throttle position lower below the set value and the ↑ arrow indicates that an alarm is generated when the throttle position higher the set value.)

Limit throttle position setting (Throttle position that sounds an alarm)

The Speech function (ON/OFF)

Alarm and Vibrator function setup

1 (Limit adjustment)

Tap the [Limit]. Value input buttons appear on the screen. Use the [+] or [-] button to adjust the limit value.

Adjustment buttons
- Adjust with the [+] and [-] buttons.
- Return to the initial value by tapping the [reset] buttons.

2 (Alarm function setup)

Tap the [Alarm] type and select [Inhibit], [Buzzer]or [Voice].

"Inhibit": No audible alarm
"Buzzer": Audible alarm
"Voice": Voice alarm

Setting
- Tap alarm type. Inhibit/Buzzer/Voice

3 (Vibrator function setup)

Tap the [Vibrator] type and select [Inhibit], [Type 1], [Type 2], or [Type 3].

"Inhibit": No active vibration
"Type 1": Continuous vibration
"Type 2": Intermittent vibration for a long time
"Type 3": Intermittent vibration for a short time

Setting
- Tap Vibrator type. Inhibit/Type 1/Type 2/Type 3

4 (Speech function setup)

Tap the "Voice" (ON) or (OFF) to select ON/OFF.

"OFF": No voice guide
"ON": Information loaded by voice

Setting
- Tap (ON)/(OFF).

*The voice guide loading interval is set by sensor menu.

5 When finished, return to the Telemetry screen by pressing the HOME button.

T10PX Software Update

Ver.2.1

1. Software fix S.BUS servo screen (ACCESSORY MENU)

Fixed a problem that occurs when using SR servo on the S.BUS servo screen.

T10PX Software Update

Ver.2.0

1. About Ultra Response UR Mode

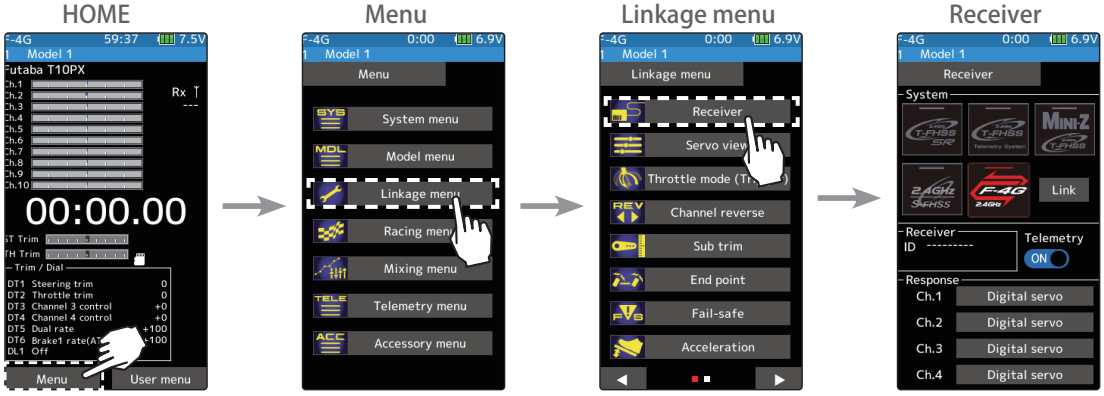
ULTRA RESPONSE

The T10PX F-4G system provides the fastest Futaba response (as of 2022/5) when used in combination with the Futaba New UR Servo. Follow the steps below to switch the settings. UR mode can only be used with F-4G systems. It can be used with T10PX / R404SBS (E) Ver.2 or later. Futaba WEB site https://futabausa.com/ Alternatively, download the data from the WEB site of the local distributor and update the T10PX / R404SBS (E) to use it.

Procedure for changing T10PX settings

It is necessary to relink and restart the receiver power supply after changing the settings.

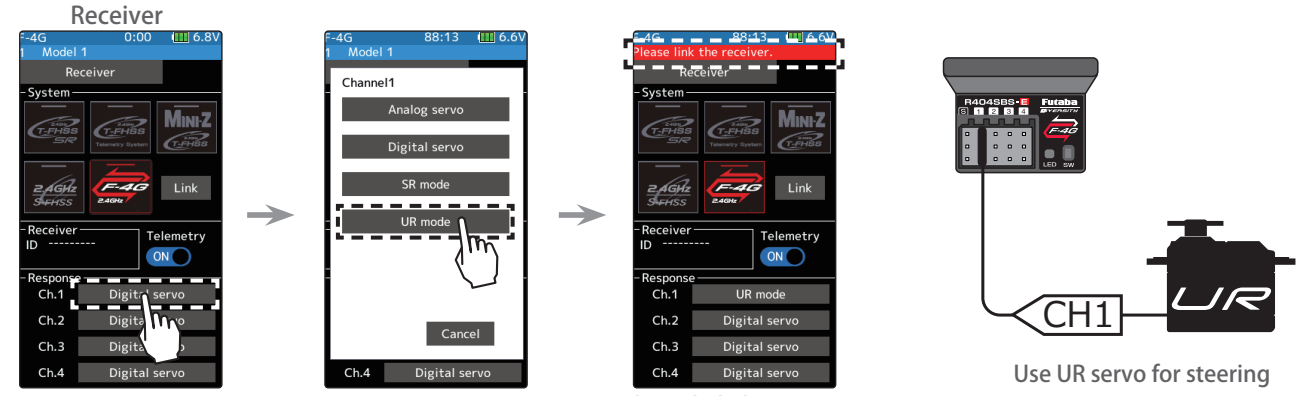
1 Set the transmitter "PWR" side power switch to ON. From the Home screen, press the HOME button or tapped [Menu] on the touch panel. Next, select [Receiver] at the Linkage menu and access the setup screen shown below by tapping the screen.



UR mode can only be used with the F-4G.

2 In the case of F-4G, 4 types of response settings can be set for each channel according to the servo used. Select UR mode when using the UR servo set to UR mode.

- UR mode: UR servo (Set to UR mode)
- Digital servo
- SR mode: UR/SR servo (Set to SR mode)
- Analog servo



Tap the Ch.1(Steering)

Tap the UR mode

"Please link the receiver." is display

Use UR servo for steering

Note: In UR mode ON, normal servo, ESC, and standard gyro will not operate.

3 When using battery fail-safe, set the Battery Fail-safe Voltage in the "Fail-safe" in the "Linkage menu".

*In the F-4G system, the Battery Fail-safe voltage is set at the time of linking. Relink when changing Battery Fail-safe voltage.

4 Bring the transmitter and receiver within 50 cm of each other (antennas do not touch) and turn on the receiver power.

5 Touch [Link] on the transmitter T10PX screen, you will hear a chime sound and T10PX will enter the link mode for 20 seconds.

6 During the 20 seconds link mode, press the receiver for at least 2 seconds. The LED blinks red and then changes to a greenish red → green steady light. When the T10PX makes a beeping sound and the message "Link with receiver" appears on the screen, release the receiver push switch. This ends reading of mutual ID and displays the memorized receiver ID number on the T10PX screen. Power cycle the receiver. If the "Receiver not found" error screen is displayed, linking failed. Check the set contents and repeat the linking operation.

7 Once the settings are complete, turn the receiver off and then on again. The response and battery fail-safe voltage settings will take effect after the receiver is restarted.

Receiver Mode Precautions

⚠ Caution

❗ Be sure to use the T10PX receiver setting and the servo to be used under predetermined conditions.

Under other conditions, the set will not operate, or the specified performance will not be displayed even if it operates. In addition, it may cause servo trouble. Futaba will not be responsible for problems caused by the use of other than genuine Futaba parts. Use the parts specified in the instruction manual and catalog.

System	Receiver	Response	Usable servo
F-4G 2.4GHz Futaba 4th Generation System	R404SBS R404SBS-E	UR mode	● Futaba UR servo 
		SR mode	● Futaba SR servo
		Digital servo	● Futaba Digital servo
		Analog servo	● Futaba Digital servo/Analog servo
2.4GHz T-FHSS SR	R334SBS R334SBS-E	SR mode channel ON	● Futaba SR servo
		SR mode channel OFF	● Futaba Digital servo
2.4GHz T-FHSS Telemetry System	R324SBS R314SB R314SB-E R304SB R304SB-E	Digital servo	● Futaba Digital servo
2.4GHz FHSS	R202GF R203GF R204GF-E R214GF-E R2104GF	Analog servo	● Futaba Digital servo/Analog servo

- For servos for which the operation mode can be set, change the servo operation mode according to the system to be used. If the operating modes of the system and servo are different, it will fail.
- Use UR servo (Set to UR mode) for UR mode. Use SR/UR servo (Set to SR mode) for SR mode.
- When the UR(SR) mode is ON, it is exclusively for our UR(SR) compatible servo. Using a servo other than the UR(SR) compatible servo may cause the servo or receiver to malfunction.
- If a normal servo is connected to a CH with UR/SR mode ON, there is a risk of damage.
- Do not connect UR/SR servo (set to UR/SR mode) and analog servo in digital servo mode.
- Do not connect UR/SR servo (set to UR/SR mode) in analog servo mode.
- UR/SR servo can be used digital or analog when set to normal mode.
- Connecting an UR/SR mode compatible servo set to UR/SR mode to the S (S.BUS2 port) may cause malfunction of the servo or receiver.
- Receiver battery: Matched to the ratings of the receiver and connected servo (dry cell battery cannot be used).
- Fail-safe Unit cannot be used because the system is different. Use the fail-safe function of the transmitter.

UR servo setting change procedure

The initial setting of the **UR servo is normal mode**.

To use it in UR mode, you need to switch to UR mode by following the steps below.

The initial setting is Normal mode

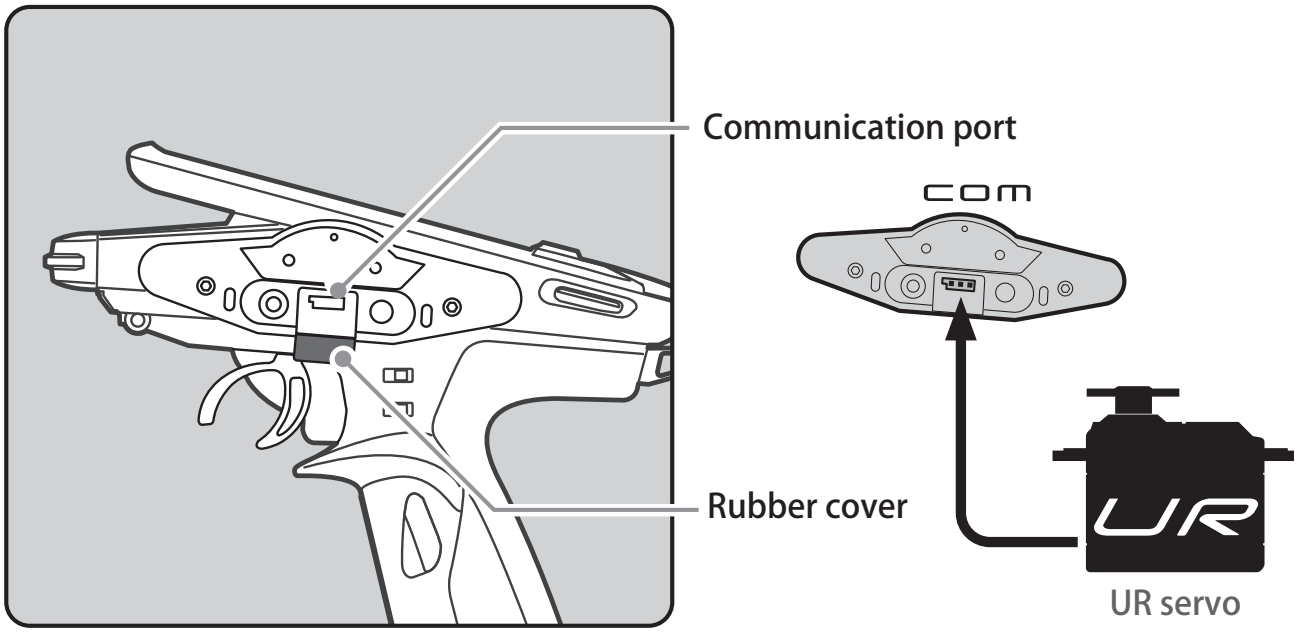
The following modes can be selected for the UR servo.

Normal

SR type 1 **SR type 2** **SR type 3**

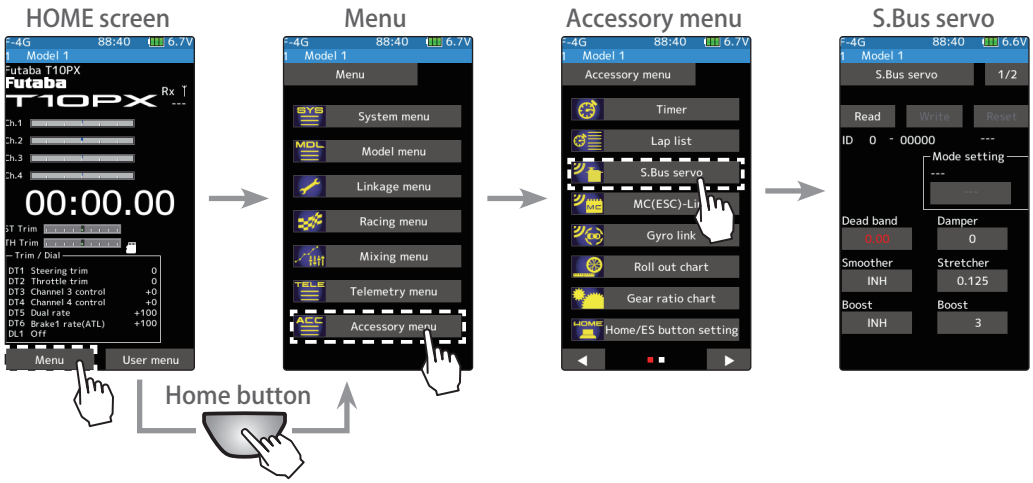
UR type 1 **UR type 2** **UR type 3** **UR type 4**

1 Connect the UR servo as shown.

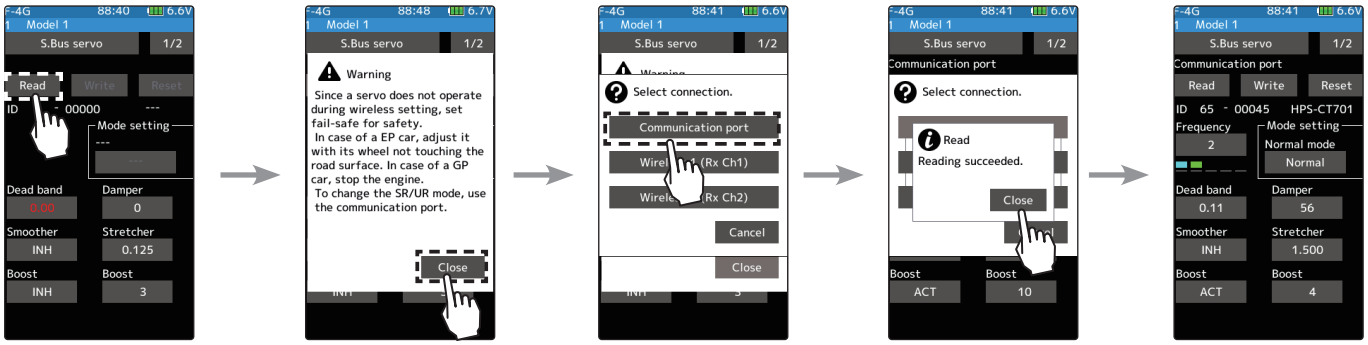


● When changing the UR / SR mode settings, be sure to use the wired method. Cannot change the servo between normal mode and UR / SR mode in the wireless setting. Once set to UR mode, switching between UR1 / UR2 / UR3 / UR4 can be done wirelessly.

2 Turn on T10PX and call Menu → Accessories Menu → S.Bus servo screen.



3 Read the connected UR servo data into the T10PX.



Tap the [Read]

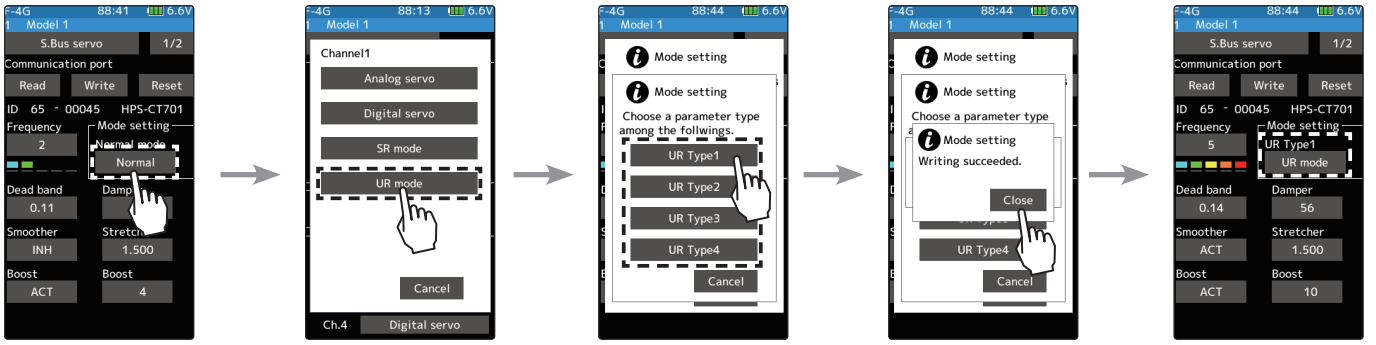
Read the warning and tap [Close]

Tap the [Communication port]

Tap the [Close]

The data of the connected servo is displayed.

4 Change to UR mode, select UR type, and write data to the connected UR servo.



Tap the Mode setting [Normal]

Tap the UR mode

Select the UR Type 1-4

Tap the [Close]

Changed to UR mode

5 Remove the UR servo from the transmitter. It can be used as a servo in UR mode.

UR mode

UR TIP

•Servo parameter setting "Frequency"

Hunting occurs when the servo frequency is set high, but this is not a malfunction. Use by lowering the frequency value.

2. Compatible with HPS-CT701

HPS-CT701 has been added to the UR mode / SR compatible servos.

3. Compatible with MC971CR

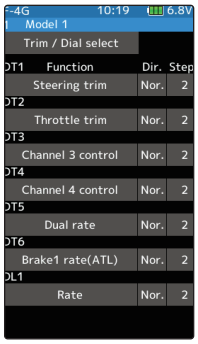
It corresponds to MC971CR. MC971CR is added to the selection screen of the MC (ESC)-Link function.

*[Important] "Torque level" and "Torque end point" function can operate only when using ACUVANCE brushless motor "LUXON AGILE" and "FLEDGE".
When using a motor of ACUVANCE "LUXON BS" and "LUXON", or a motor of other than ACUVANCE, setting isn't possible or it doesn't operate properly.

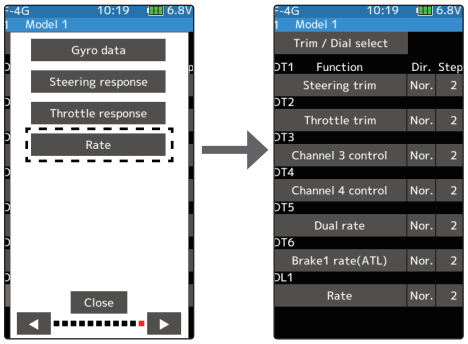
4. A function to change the data on the setting screen has been added to the trim / dial function of the linkage menu.

Instead of operating the [-] [+] buttons on the touch panel, you can change the value by trimming / dialing.

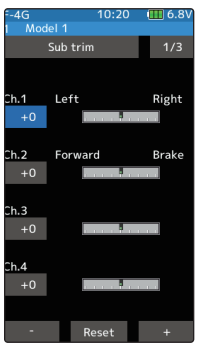
1 Open the Trim / Dial Settings screen and select the trim / dial to assign to the operation to change the setting data.



2 From the list, select Rate.



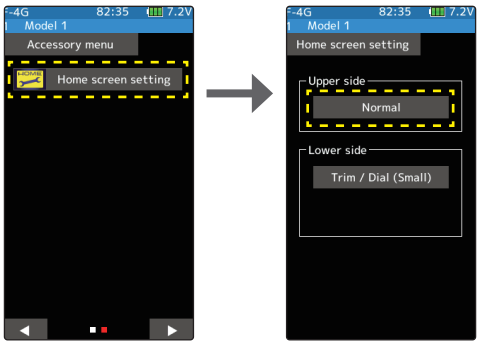
3 Open the screen of the function to make adjustments, and touch and select the item for which you want to change the setting data. The data will be changed by operating the trim / dial assigned earlier.



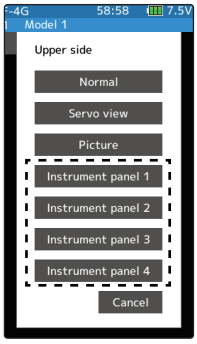
*If the item whose data you want to change is not selected and the [-] [+] buttons are not displayed on the screen, the data will not be changed even if you operate the trim / dial.

5. The brake display can now be selected for the instrument panel displayed on the home screen.

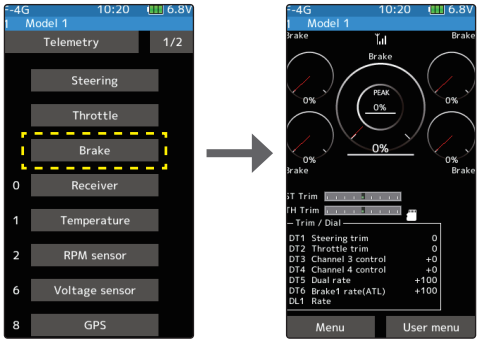
1 Touch [Normal] on the Upper side in the Home screen settings of the Accessories menu.



2 Touch the Instrument panel to be set on the home screen to select it.



3 Select [Brake].



6. Fixed an issue where the current time might be initialized at startup in rare cases.