Futaba
1M23Z09604

R7208SB/R7308SB Software update manual

Your Futaba R7208SB/R7308SB programming can be updated easily online. When functions are improved, the update file can be downloaded from our website.

For more information, check out web site for FAQ regarding updating this product.

*The display screen is an example. The screen depends on the PC.

Required for update

CIU-3
*CIU-2 cannot be used.

CGY750/GY701/GY520 Extensions

PC
(Access is possible by the web)
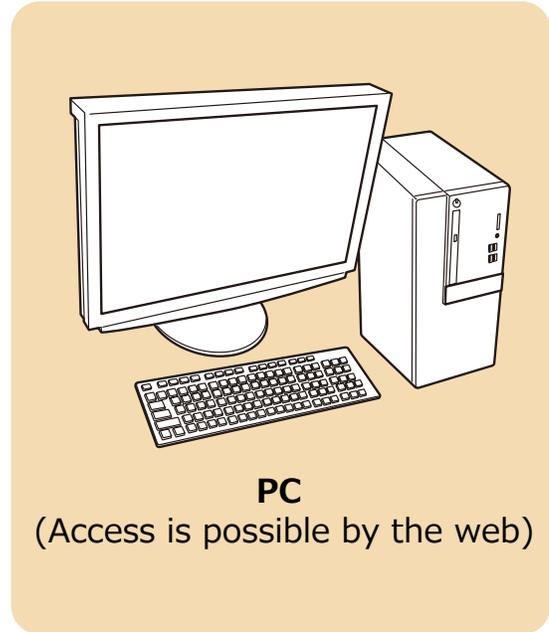
Preparations

1. **Install the driver for the CIU-3 onto your PC.**

USB Port
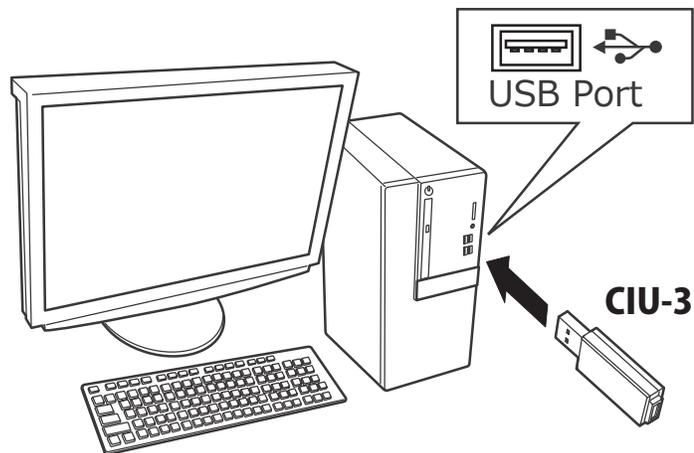
CIU-3

◆ When the **CIU-3** is first connected to the PC, once the CIU-3 is connected to the PC, download the recommended driver software Using Windows Vista, the "Found New Hardware Wizard" window appears on the screen. Click "Locate and install driver software".

◆ Refer to the manual of the CIU-3 for further information.

Updating procedure

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

      http://www.rc.futaba.co.jp
      https://futabausa.com

Futaba WEB site

⬇

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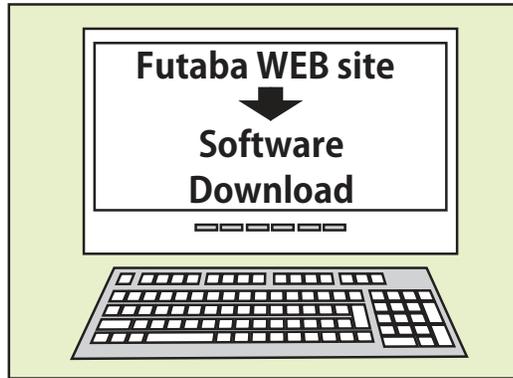
2. **Extract the zip file on your computer.**

    *The software of R7208SB and R7308SB is common.

      Update program

    R7208SB.bin

    Update_100kbps.exe

    *Put in the same folder.   **Executable file**
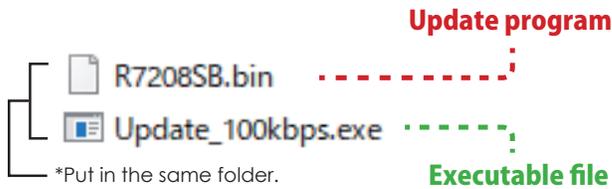
3. **Connect as shown in the figure.**

LED — SW

R7208SB S.BUS receiver

Receiver

to S.BUS2

Any connector

S.BUS2

Futaba FR2F1800 LiFePO4 Battery

PC (Access is possible by the web)

USB Port

Download the R7208SB update file

CGY750/GY701/GY520 Extensions (optional)

CIU-3 (optional)

Futaba CIU-3 USB INTERFACE
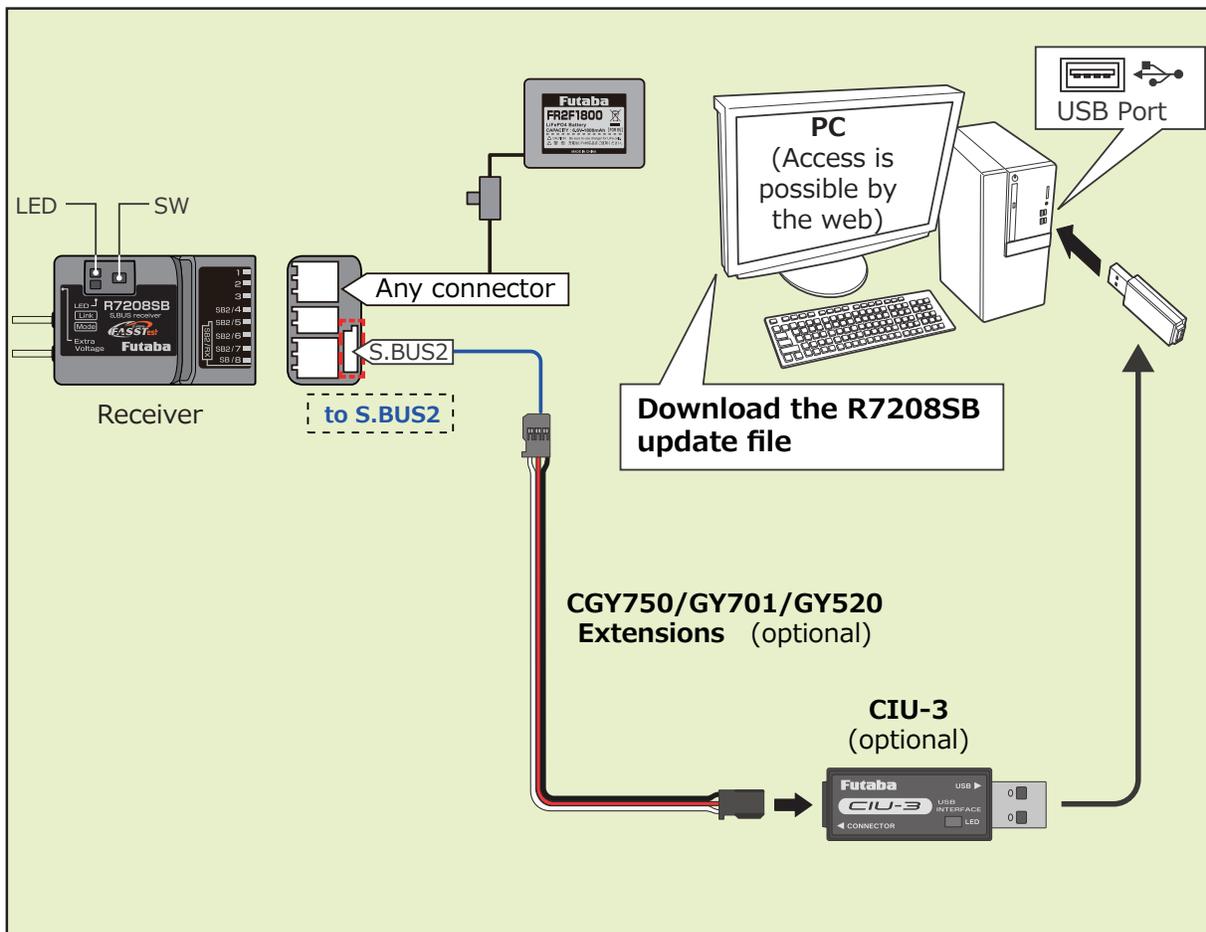
4. Turn on the receiver power while pressing down the switch.

1. Hold down the Link switch first.

Futaba
FR2F1800
LiFePO4 Battery
CAPACITY : 6.6V-1800mAh

2. Next turn ON the receiver.

R7208SB
S.BUS receiver
LED
Link
Mode
FASSTest
Extra
Voltage
Futaba
1
2
3
SB2/4
SB2/5
SB2/6
SB2/7
SB/8
SB2/RX
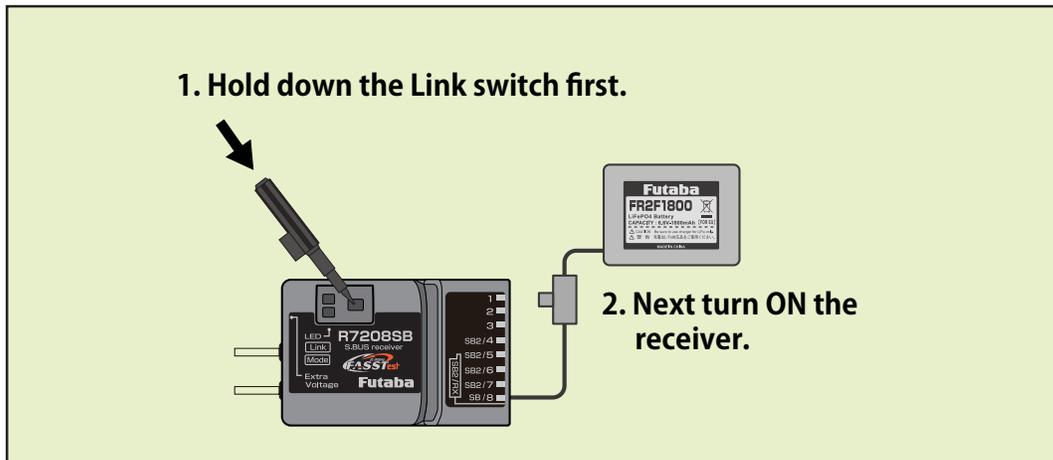
5. LED flash red once, release the switch.

LED flash RED once   **Release switch**

R7208SB
S.BUS receiver
LED
Link
Mode
FASSTest
Extra
Voltage
Futaba
1
2
3
SB2/4
SB2/5
SB2/6
SB2/7
SB/8
SB2/RX

6. Press the switch again.

Quickly!!   **Press and hold again**

R7208SB
S.BUS receiver
LED
Link
Mode
FASSTest
Extra
Voltage
Futaba
1
2
3
SB2/4
SB2/5
SB2/6
SB2/7
SB/8
SB2/RX
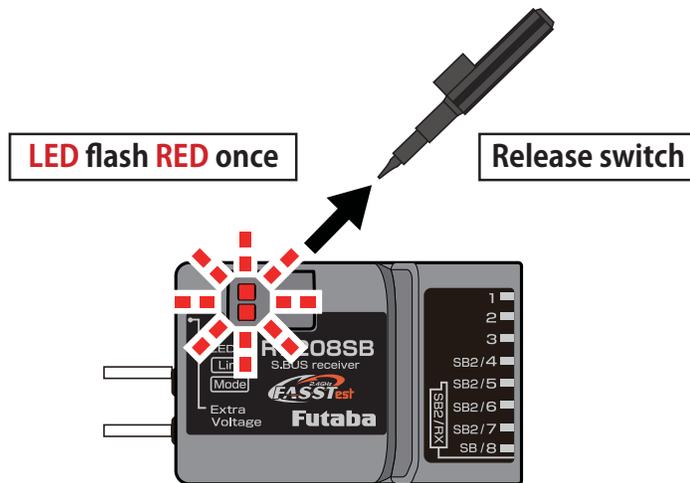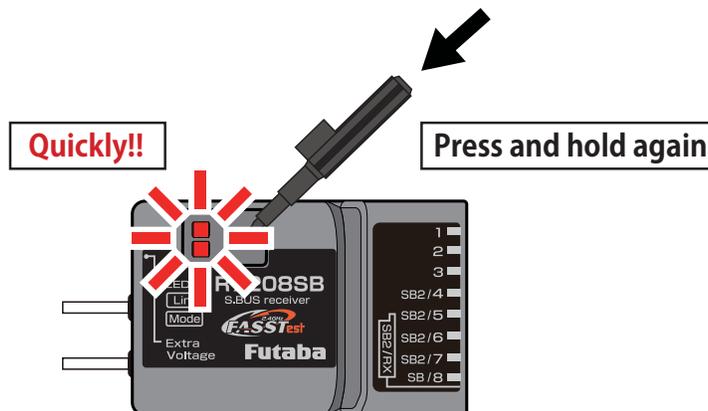
7. Release the switch when the solid orange.

LED solid ORANGE | Release switch

R7208SB
S.BUS receiver
LED
Link
Mode
FASSTest
Extra
Voltage
Futaba

1
2
3
SB2/4
SB2/5
SB2/6
SB2/7
SB/8
SB2/RX

Receiver is waiting for update
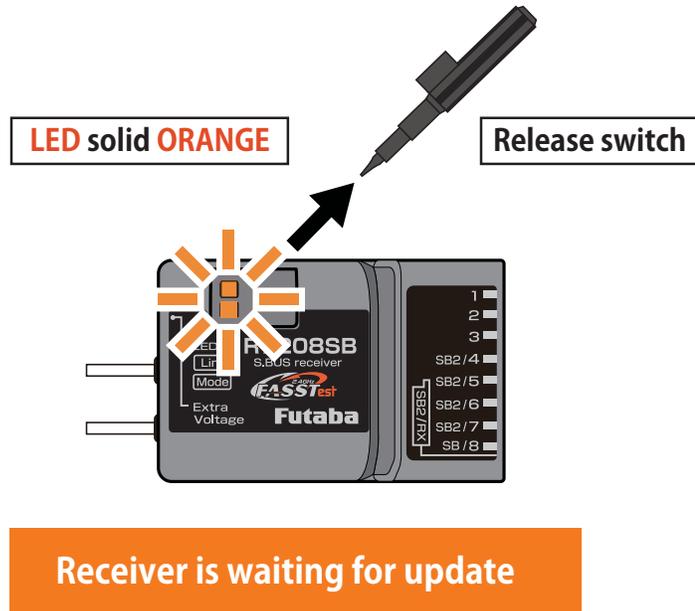
8. Execute the update file copied to the PC.

R7208SB.bin
Update_100kbps.exe

Update

WRITE

Write

Update

R7208SB will be updated. Are you sure?

OK   キャンセル
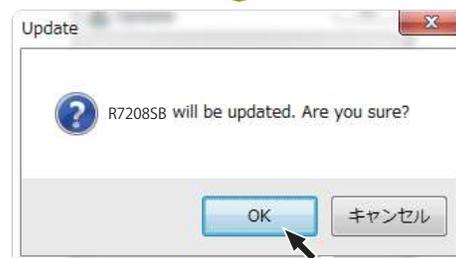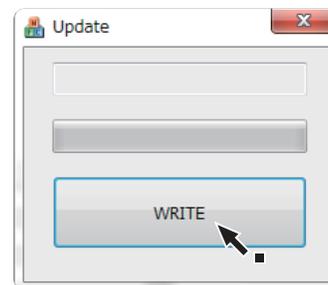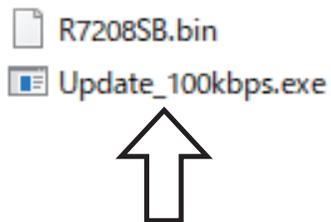
9. Operate the PC update. (The receiver should keep orange on.)

OK

Wait

Don't turn off the power !

Update

Now writing...

WRITE
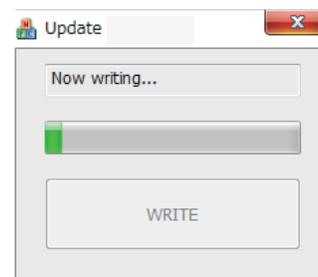
Flickers GREEN during update

LED solid GREEN

Completed

Update

This update succeeded.

OK
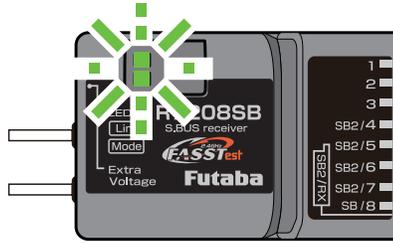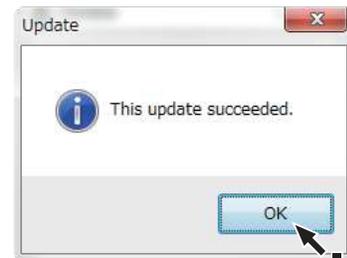
10. The **GREEN LED** on the R7208SB/R7308SB lights up when the update is complete. A completion message box will appear on your PC.   Click OK.

11. Turn off the power switch of your R7208SB/R7308SB and remove the CIU-3.

12. Be sure to check the each function before use.

V2.0 UPDATE

● Compatible with FASSTest26CH.
● Expanded CH mode (MODE H, I, J).

R7208SB/R7308SB CH Mode table

Output connector	Channel									
	Mode A	Mode B	Mode C	Mode D	Mode E	Mode F	Mode G	Mode H	Mode I	Mode J
1	1	1	1	1	9	9	9	17	17	17
2	2	2	2	2	10	10	10	18	18	18
3	3	3	3	3	11	11	11	19	19	19
SB2 / 4	4	4	4	S.BUS2	12	12	12	20	20	20
SB2 / 5	5	5	5	S.BUS2	13	13	13	21	21	21
SB2 / 6	6	6	6	S.BUS2	14	14	14	22	22	22
SB2 / 7	7	7	S.BUS2	S.BUS2	15	15	S.BUS2	23	23	S.BUS2
SB / 8	8	S.BUS	S.BUS	S.BUS	16	S.BUS	S.BUS	24	S.BUS	S.BUS
LED blink	RED 1	RED 2	RED 3	RED 4	RED 5	GREEN 1	GREEN 2	GREEN 3	GREEN 4	GREEN 5

● Fixed a problem when connecting with DLPH-1/DLPH-2/FDLS-1 in dual RX link mode.
● Supports receiver settings from transmitter.

*When using FASSTest26CH, be sure to update the receiver to V2.0.
*T16IZ, T16IZS cannot operate after 17ch.

Can check the version by connecting the receiver to T16IZ(V6.0~), T16IZS(V4.0~), T32MZ-WC, T32MZ(V3.9~)
If the receiver version is ~V1.3, the version cannot be confirmed. In that case, upgrade to V2.0.

How to check the Rx version using T16IZ(V6.0~), T16IZS(V4.0~)

① Connect the **S.BUS2 port** of the receiver and the **S.I/F port** of the transmitter with a cable.
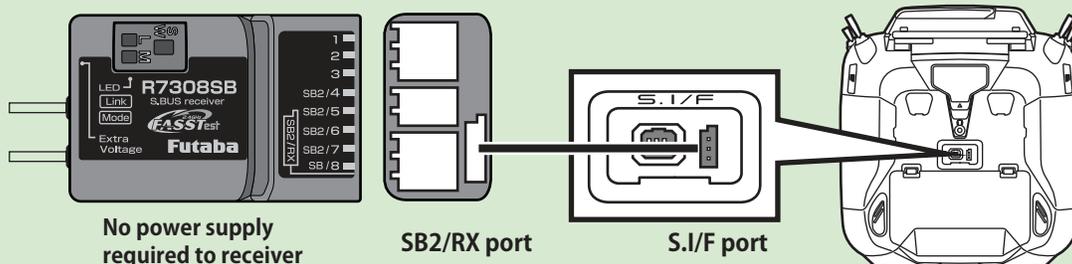
LED Link Mode R7308SB S.BUS receiver FASSTest Futaba Extra Voltage
SB2/4 SB2/5 SB2/6 SB2/7 SB/8
1 2 3 SB2/RX

No power supply required to receiver

SB2/RX port

S.I/F

S.I/F port

② Turn on the power switch while pressing the **U.MENU/MON** button on the transmitter.

Press the U.MENU/MON switch and turn on
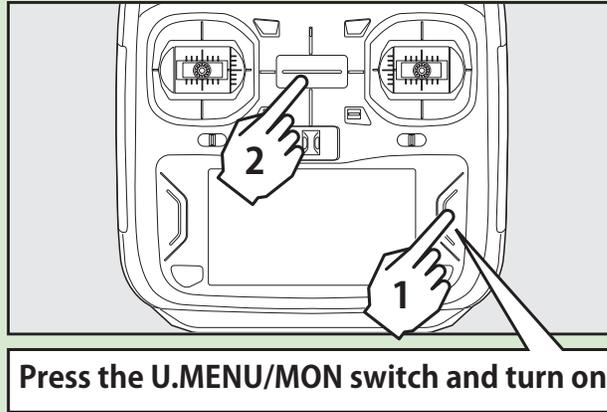
*For safety reasons, receiver settings cannot be made while radio waves are being transmitted.

③ Tap **[Receiver setting]** on the **System menu**.
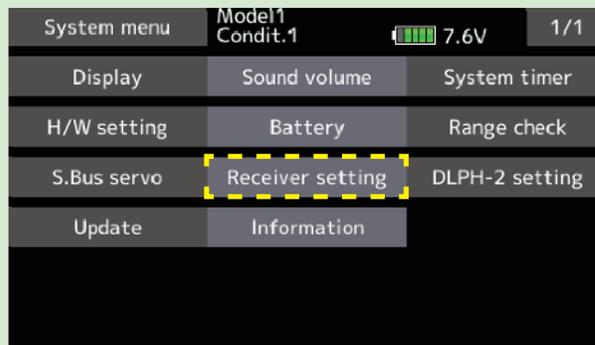
④ Tap **[Read].**
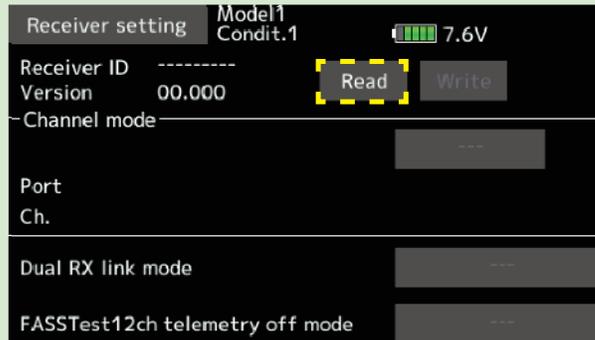
⑤ The version of the connected receiver will be displayed.

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How to check the Rx version using T32MZ-WC, T32MZ(V3.9~)

1. Turn on the power switch while pressing the **U.MENU/MON** button on the transmitter.
2. "No" tap.

18ch FASSTest
Futaba Corporation   Model-1
Futaba
T32MZ   AIRPLANE

Transmit ?

Yes   No

S.I/F port

*For safety reasons, receiver settings cannot be made while radio waves are being transmitted.

SB2/RX port

No power supply required to receiver

R730BSB Futaba
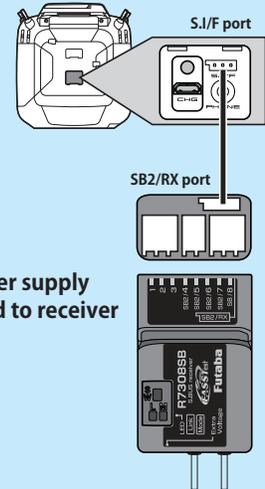
3. Connect receiver to the transmitter as shown in the diagram on the right.

4. Tap **Recall**

Receiver	Model1	Condition 1	86%
Receiver			Recall
Channel Mode			
Dual RX Link			
FASSTest12ch Telemetry OFF mode			
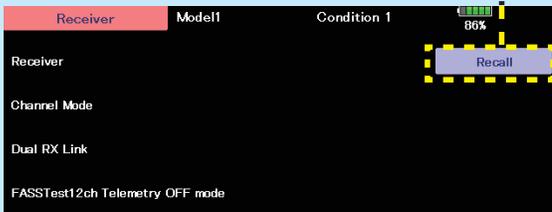
Tap Recall within 10 seconds after connecting the receiver.
If 10 seconds pass, an error will occur, so please try again.

5. The version of the connected receiver will be displayed.

Receiver	Model1	Condition 1	86%
Receiver	Ver 2.0	ID 225650035	Recall
Channel Mode		MODE A	Write
Dual RX Link		OFF	
FASSTest12ch Telemetry OFF mode		INH:Telemetry ON	
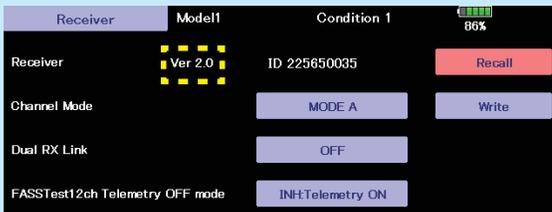
V1.3 UPDATE

● **Fixed the bug that F/S does not work when receiving error when FASSTest12ch telemetry OFF mode is used.**
● **Fixed a bug that the RPM display of the telemetry RPM sensor (SBS-01RM/RO/RB) did not become 0.**
● **Fixed the malfunction of the battery fail-safe setting CH when the battery fail-safe state occurred when using R9001SB and dual RX link mode.**
● **Fixed the operation response when using dual RX link mode with R9001SB in FASSTest12ch mode.**

V1.1 UPDATE

● **Fixed an issue where some transmitters could not be linked.**

Back of receiver

Receivers whose serial number is 2351 or earlier are eligible. Receivers from 2352 onwards do not need to be updated.