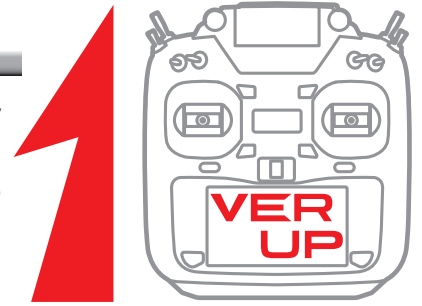# How to update T16IZ

Your Futaba T16IZ transmitter programming can be updated easily online. When functions are added or improved, the update file can be downloaded from our website. Copy the update files to the microSD card and then use the following procedure to update the program. Check our web site for the FAQ regarding updating for more information.

Updating procedure

Note: If the battery fully discharges during program updating, updating will fail. When the remaining battery capacity is 50% or less, always recharge the battery before updating.

Note: The model data in the transmitter can be used unchanged after updating, but to be safe, back up the model data before updating.

1. Download the zip file of the update data from our website.

Futaba WEB

16IZ Update Zip file Download
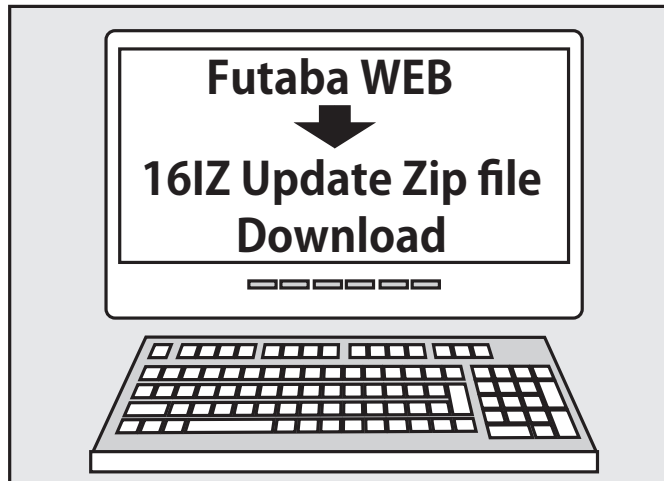
2. Extract the zip file on your computer.

3. The "FUTABA" folder will be created on your computer.

4. Copy the "FUTABA" folder into your microSD card.

FUTABA

**Copy the "FUTABA" folder into your SD card.**
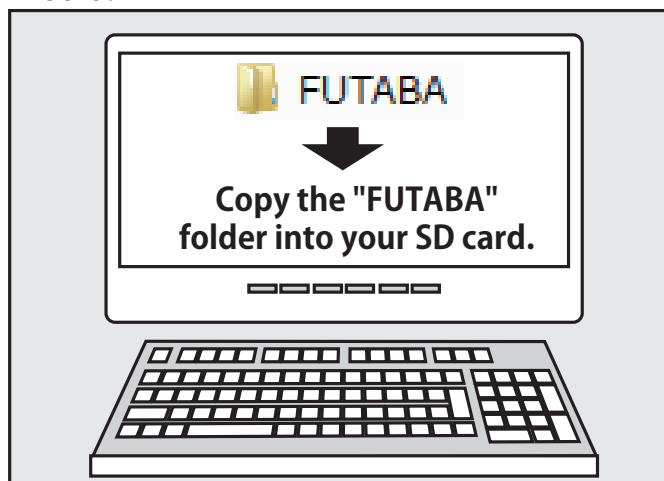
Note: If the microSD card has already had "another FUTABA" folder before you make a copy, the "FUTABA" folder is OVERWRITTEN.

5. Insert the microSD card with "FUTABA" folder that contained the update software into the SD card slot on your T16IZ radio transmitter.

Installed microSD card of the update file
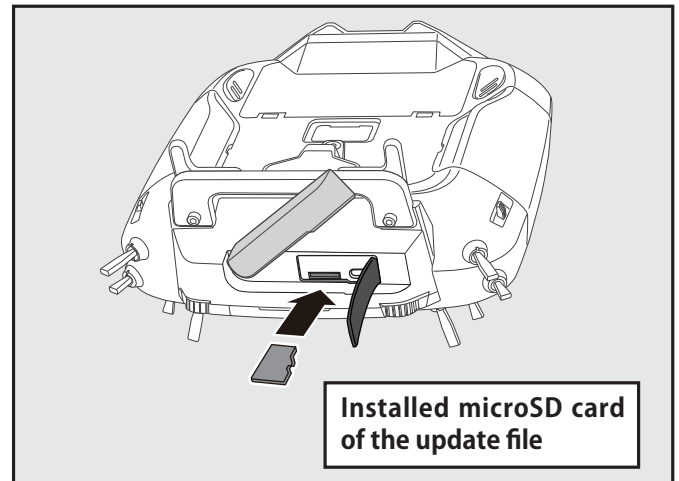
6. Turn on the transmitter power while pressing down the "HOME/EXIT" button. The update screen appears on the LCD display of your T16IZ and the software update is started.

Press the HOME/EXIT switch and turn on

Updating main program...

Updating
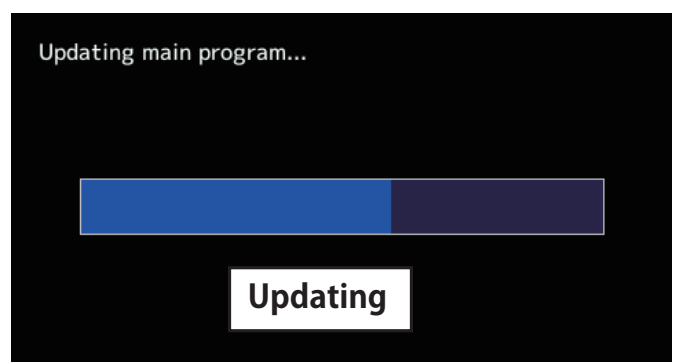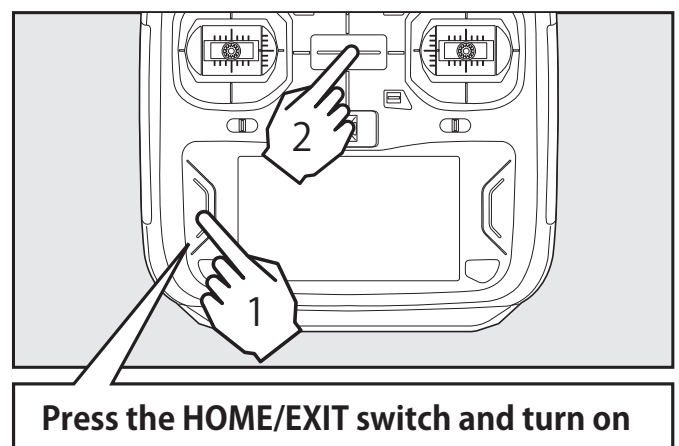
7. When the software update is completed, "Completed" message is shown on the LCD display of your T16IZ. (Show below picture.)

```
Updating main program...
Updating resource data...
Completed
```
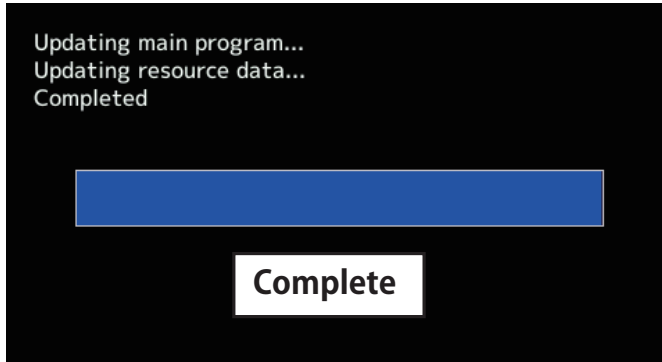
Complete

8. Turn off the power switch of your T16IZ and remove the microSD card from the card slot.

Possible Problems

When one of the error messages shown below appears on the LCD screen your T16IZ, 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 T16IZ 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 T16IZ 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 T16IZ.

⚠ Don't absolutely remove the battery and the microSD card from the transmitter during the update.

There is a possibility that the transmitter will be damaged.

Recovering a failed update

If you failed to update for any reason, it may transmitter will not start.

In that case, please update again transmitter in the following procedure.

1. Detach the battery from the transmitter.

2. Insert the microSD card that contained the update files to the transmitter.

3. Attach the battery to the transmitter while pressing down the "HOME/EXIT" button.

4. The update will start.

Even after the above steps, if the transmitter fails to update or does not start, please have it serviced.

T16IZ SOFTWARE UPDATE CHANGES

V3.2

This software updates or alters the functions and features noted below. The instructions and information that follow are meant as a supplement to the original instruction manual that accompanied the T16IZ transmitter. Please refer to the original instruction manual where applicable, but replace the steps indicated below with these instructions. Please check to ensure that the update has been installed.
1) Select the System Menu.
2) Touch the [Information] button.
3) Confirm that the information in the display indicates the version numbers as noted above.

1. Fixed an issue where the Vario Melody settings were not saved.

V3.1

1. Fixed telemetry voice for Futaba ESC and Hobbywing ESC.

2. Fixed the problem that model copy fails.

V3

1. Compatible with Futaba ESC MC-980H/A, MC-9130H/A, MC-9200H/A

Supports the telemetry function of MC-980H/A, MC-9130H/A, and MC-9200H/A. *Only for sale in Japan

◆ Register the ESC with the transmitter. The registered ESC is displayed as "Futaba ESC".

◆ ESC telemetry display screen
The ESC status is displayed. Alarm setting is also possible.

Futaba ESC	Model1 Condit.1	7.8V	1/2
Current	0.0/ 0.0A	0.0A	
Voltage	0.0/ 0.0V	0.0V	
Capacity	0/ 0mAh	0mAh	
Rotation	0/ 0rpm	0rpm	

Futaba ESC	Model1 Condit.1	7.8V	2/2
ESC Temperature	0/ 0°C	0°C	
Throttle	0/ 0%	0%	
Status	Throttle not at 0% Over temperature Motor locked	Low voltage Over current Throttle signal lost	

* The current and capacity consumption display may vary depending on the usage conditions, so use it as a guide.

2. Hobbywing ESC telemetry compatible

Supports the telemetry function installed in some Hobbywing ESCs.

◆ The registered ESC is displayed as "Hobbywing ESC".

For details on Hobbywing ESC telemetry support, refer to the Hobbywing website.

3. GYA553 Addition of setting parameters

AIL / ELE / RUD holding power setting has been added to the setting parameters of GYA553.

Config	Airplane Condit.1	7.8V	6/7
Holding Power			
AIL	100		
ELE	100		
RUD	100		

Adjusted the gyro holding force of the aircraft in AVCS mode.
Decreasing the value weakens the holding power and makes the operation feeling closer to the Normal mode.

V2

1. Add GYA553 Airplane Gyro setting function. (Refer the T16IZ GYA553 Setting Manual)

2. Compatible with SCORPION ESC telemetry

Added support for SCORPION POWER SYSTEM ESC some models.