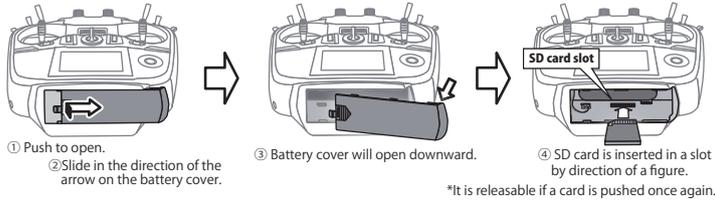


[Updating procedure]

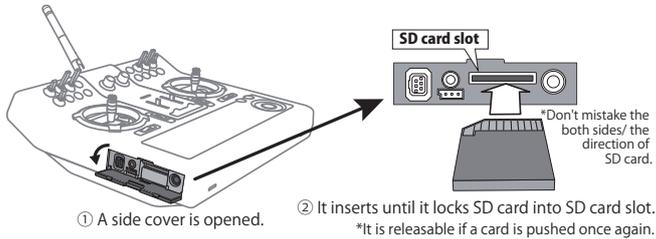
## 1. SD card format

1. You will first want to format your SD card to the 14SG/FX-22. If you are using an existing SD card, any data previously saved to it will be deleted during the "format". We suggest you either save this data on your computer or purchase a new card.

### T14SG:



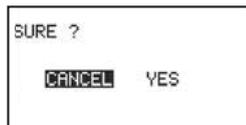
### FX-22:



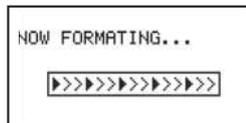
2. After inserting the new SD card into the transmitter, turn on the power switch. You will see the word "FORMAT" if you have not previously used this card in the transmitter.



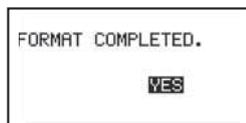
3. Please select "YES" and touch "RTN".



4. The following screen is displayed during formatting.



5. When the format is completed, the following screen is displayed.



6. Turn off the power switch and remove the SD card from its slot.

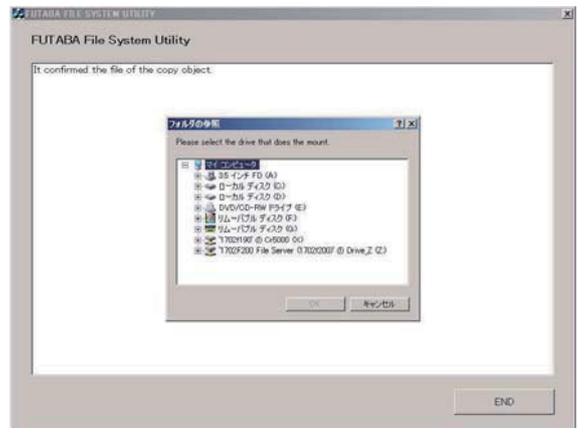
## 2. Preparing the software update card.

1. Please unzip the zipped file. The following files will be created.

- T14sgUpdate.exe
- T14sgUpdate.dat
- T14SG\_UPDATE.dat
- T14SG\_TS.bin
- T14SG\_AP.bin
- T14SG\_UPLD.bin

2. Insert the "formatted" SD card into a card reader in your PC.

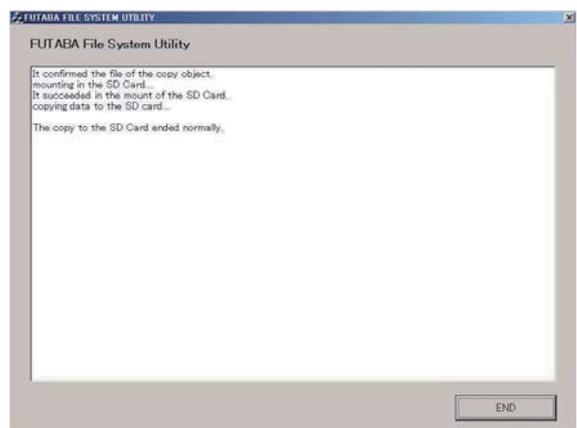
3. Please run "T14sgUpdate.exe".



4. Select the drive that your card reader is assigned to in your PC.



5. After the Update files are copied to the SD card, the following screens are displayed. Click the "End" button.





# T14SG/FX-22 Installing Speech Data Ver.2

Before installing the speech data, you will need to update your T14SG/FX-22 software to Version 2.0 or later.

If the software version of T14SG/FX-22 is before Ver.2.0, the speech data can not be installed.

Ver.4.x software of T14SG/FX-22 is not able to play the Ver.1 sound data. After updating to Ver.4.x, please install the Ver.2 sound data to T14SG/FX-22.

There are three language versions, English, German, and Japanese, in speech data. It is possible to install only one language. If you install a second language, it will override the first one that you installed.

[Installing procedure]

## 1. Making of card for installing speech data

1. Please unzip the zipped file. The following files will be created.

### English Version

- T14sgInstallSoundEng.exe
- T14sgUpdate.dat
- T14SG\_INSTALL\_SOUND.dat
- T14sgSpeechEng1.bin
- T14sgSpeechEng2.bin
- T14sgSpeechEng3.bin

### German Version

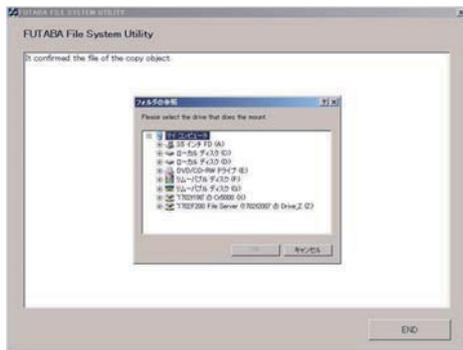
- T14sgInstallSoundEng.exe
- T14sgUpdate.dat
- T14SG\_INSTALL\_SOUND.dat
- T14sgSpeechGer1.bin
- T14sgSpeechGer2.bin
- T14sgSpeechGer3.bin

### Japanese Version

- T14sgInstallSoundEng.exe
- T14sgUpdate.dat
- T14SG\_INSTALL\_SOUND.dat
- T14sgSpeechJpn1.bin
- T14sgSpeechJpn2.bin
- T14sgSpeechJpn3.bin

2. Install the already formatted SD card into your PC's card reader.

3. Please run "T14sgInstallSound\*\*\*.exe".



4. Select the drive that your card reader is assigned to in your PC. Click "OK".



5. After the Update files are copied to the SD card, the following screens are displayed. Click the "End" button.



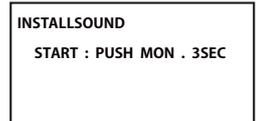
## 2. Install speech data of T14SG/FX-22

1. Please insert the SD card which includes the installing speech data.

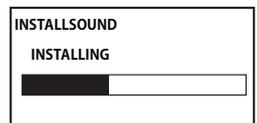
2. Push the HOME/EXIT button.

3. Still holding the HOME/EXIT button, power on the transmitter.

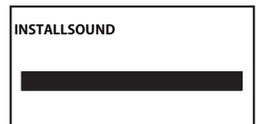
4. After a few seconds, the following screen is displayed.



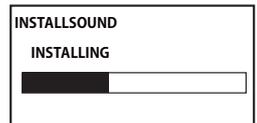
5. Press the U.MENU/MON. button for three seconds. The speech data begins to install.



6. After about 16 seconds, uploading reaches the right of the progress bar, and then begins again after a pause.



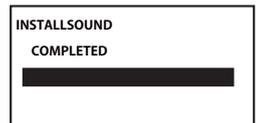
7. The uploading may appear to progress slowly.



8. The progress bar will again upload. This can take a few minutes.(About. 2 min.)

And, "COMPLETED" is displayed.

**(Don't turn off the power before COMPLETED is displayed.)**



9. Please detach SD card.

10. Please check the language at TELEM.SET. menu in LINKAGE menu.

# 14SG/FX-22 Software Update Changes (Version 8.x)

This software update modifies features found on the 14SG/FX-22. If you have questions about these updated directions, please consult your instruction manual or futabausa.com for further details. Refer to the original manual where applicable but replace the steps indicated below with these instructions.

## 1. Airspeed Sensor SBS-01TAS

It corresponds to SBS-01TAS(Airspeed Sensor). For details, please refer the instruction manual of SBS-01TAS. For registration of this sensor, the following available slot is required.

The slot which can be registered	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
	13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

### Selection of Sensor

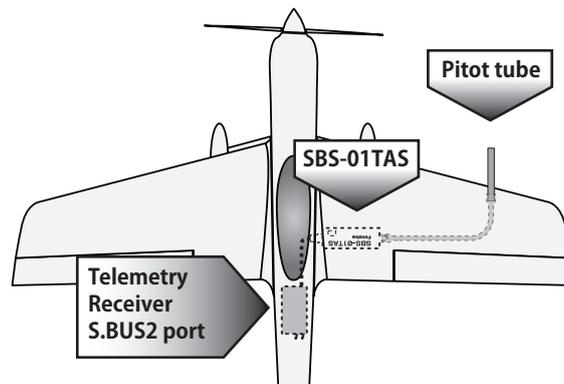
Select "SBS-01TAS"

```

SENSOR                2/3
is INHIBIT           ID 00000
(SBS-01TAS)         VARIO-1672
TEMPI25             CURR-1678
GPS-1675            ROXXY ESC
VARIO-1712         SPEED-1677
    
```

### Alarm setting

<pre> AIRSPEED                1/2 &lt; MIN/MAX &gt;           ----- ----- ↑ALERT                 INH ↑THRESHOLD             300km/h ↑Vibes                 OFF     </pre> <p><b>[Adjustment range]</b> ↓ THRESHOLD ~ 800km/h</p>	<pre> AIRSPEED                2/2 ↓ALERT                 INH ↓THRESHOLD             0km/h ↓Vibes                 OFF SPEECH                 INH     </pre> <p><b>[Adjustment range]</b> 0km/h ~ ↑ THRESHOLD</p>
--	---



T14SG/FX-22 had 3 languages. Choose from these files.

### Language table

Version No.	Selectable language		
Ver.8.0	English	Japanese	German
Ver.8.0A	English	Dutch	French
Ver.8.0B	English	Spanish	Czech
Ver.8.0C	English	Russian	Italian

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