

# Telemetry Log Converter Ver1.4 Software Manual

By using this telemetry log converter software, the log file created with the transmitter corresponding to a telemetry log function is convertible for CSV.

The file of CSV can be opened by software, such as Microsoft Excel.

**\*Note: The Telemetry Log Converter software is for Windows<sup>®</sup> 10/8/7/Vista/XP use and is not compatible with other OS.**

**Ver1.4 Update**

**This sensor became practicable.**

**Castle TL0**

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## Distribution & exemption of liability

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## Downloaded Zip file extraction (decompression)

The downloaded Telemetry Log Converter software file is a Zip format file. Extract (decompress) this file, the procedure is shown as below.

\*Download the Telemetry Log Converter software file from your Futaba importer's home page.

1. Double click the Zip format file to display its contents.
2. Click "Extract all files". The Extraction Wizard launches.
3. Extract (decompress) the Zip format file to the same location as the Zip file storage location.

\*Telemetry Log Converter.msi file and setup.exe file are extracted.

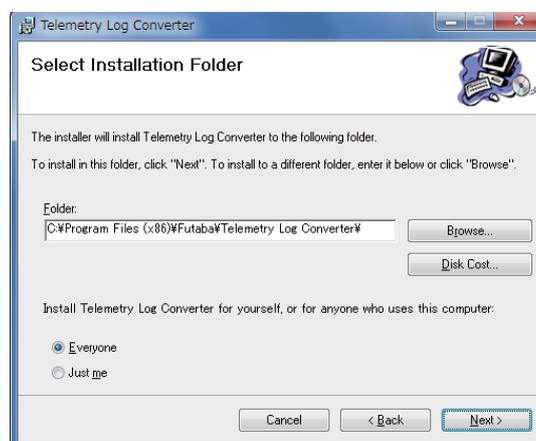
## Telemetry Log Converter software installation

Before installing the Telemetry Log Converter software, confirm that all other applications are closed. Close all virus check and other resident programs, if any.

1. Double click the EXE file named "setup", and push the "Next" button.

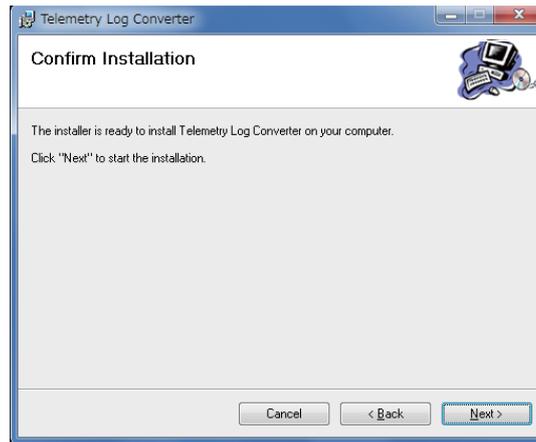


2. Choose the target folder, and push the "Next" button.



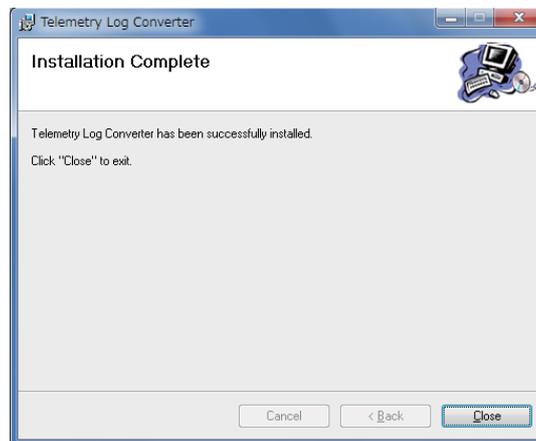
## Telemetry Log Converter

3. Push the "Next" button.



4. The install process begins.

5. The installer displays the following after the install process. Push the "Close" button.

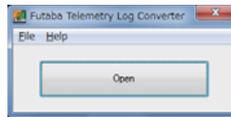


## How to use the Telemetry Log Converter Software

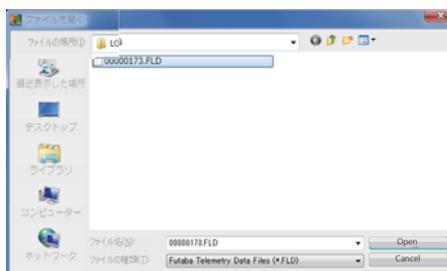
1. Telemetry log file is created with the transmitter corresponding to a telemetry log function.

(Please read the manual of a transmitter about the creation method of a log file)

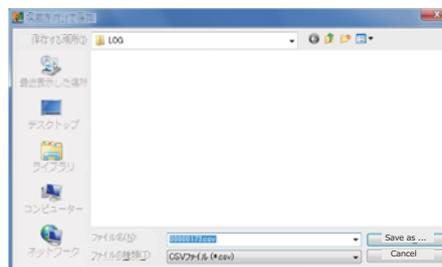
2. Telemetry log file is started.
3. "Open" is pushed.



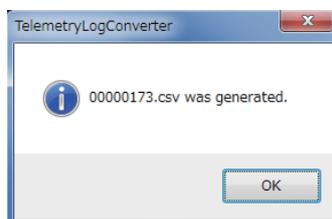
4. Telemetry data file (.FLD) is opened.



5. Choose a destination folder and input a filename.



6. Completion of conversion will display the next screen.



# Converter File

**(The contents of a converter file)**

1. The record time of data
2. Each channel signal of a transmitter
3. Slot number
4. The kind of sensor
5. Telemetry data

## < The example of a conversion file >

TIME	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16	RECEIVER BATTERY	RECEIVER EXTERNAL	TEMPERAT	ALTITUDE	ALTITUDE SENSOR	VARIOMETER
0	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	---	24	0	0	0
115	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
157	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
200	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
237	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
279	0	0	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
342	0	5.1	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
374	0	6.3	0	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
416	0	15.2	0.7	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	1	0	0
459	0.1	22.6	5.7	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.8	3.1	24	0	0	0
511	0	33.8	17.4	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.9	3.1	24	0	0	0
553	0	41.5	25.6	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.9	3.1	24	0	0	0
629	0	65.6	49.4	0	-100	-0.9	0	0	0	0	0	0	0	0	0	0	4.9	3.1	25	-1	-1	-1

**The record time of data**  
 Unit : ms (1/1,000sec)  
 \*Although an interval is set up with a transmitter, since record time is moved slightly according to conditions, there are a set period and a difference.

**Each channel signal of a transmitter**  
 Unit : % Neutral → 0%

**Telemetry data**

**The kind of sensor**

R	S	T	U	V	W
0	0	1	3	3	
RECEIVER BATTERY	RECEIVER EXTERNAL	TEMPERAT	ALTITUDE	ALTITUDE SENSOR	VARIOMETER
4.8	---	24	0	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	1	0	0
4.8	3.1	24	0	0	0
4.9	3.1	24	0	0	0
4.9	3.1	24	0	0	0
4.9	3.1	25	-1	-1	-1

**Slot number**

**The kind of telemetry data**

**Telemetry data**

## Converter File

### (The contents of a converter file)

1. The record time of data
2. Each channel signal of a transmitter
3. Slot number
4. The kind of sensor
5. Telemetry data

## Applicable Telemetry Sensor

### Futaba

Telemetry Receiver	Receiver battery voltage	
Telemetry Receiver	EXT Receiver battery voltage	
SBS-01T	Temperature sensor	
SBS-01TE	Temperature sensor (for electric models)	
SBS-01V	Voltage sensor	
SBS-01RB	RPM sensor (for brushless motor)	
SBS-01RO	RPM sensor (Optical type)	
SBS-01RM	RPM sensor (Magnet type)	
SBS-01A	Altitude sensor	
SBS-01G	GPS sensor	
SBS-01S	S.BUS 2 servo sensor	V1.3 ~
SBS-01C	Current sensor	

### Other manufacturers

Robbe F1675	
Robbe F1712	
Robbe F1672	
Robbe F1678	
PowerBox	V1.2 ~
Jetcat	V1.2 ~
KONTRONIK Kosmik	V1.2 ~
ROXXY	V1.2 ~
Castle TL0	V1.4 ~