

Telemetry Log Converter Ver1.6 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[®] 10/8/7/Vista/XP use and is not compatible with other OS.**

Ver1.6 Update

This item became practicable.

MC970CR

| | |
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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.

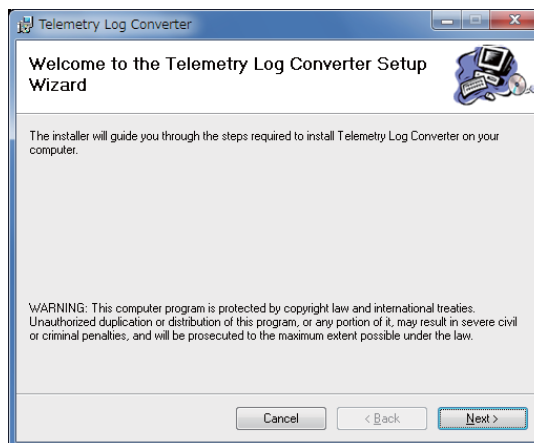
1. Double click the Zip format file to display its contents.
2. Click "Extract all files". The Extraction Wizard launches.
3. Extract (decompress) the Zip format file to the same location as the Zip file storage location.

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

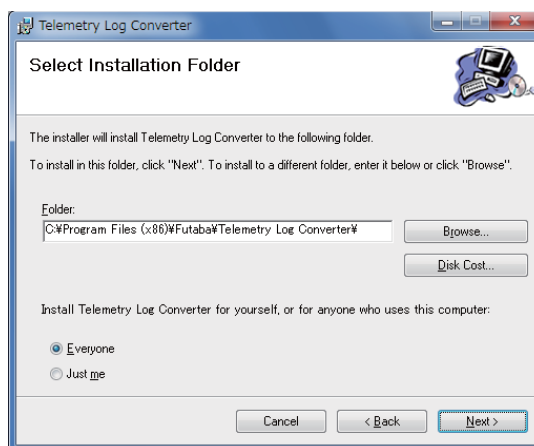
Telemetry Log Converter software installation

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.

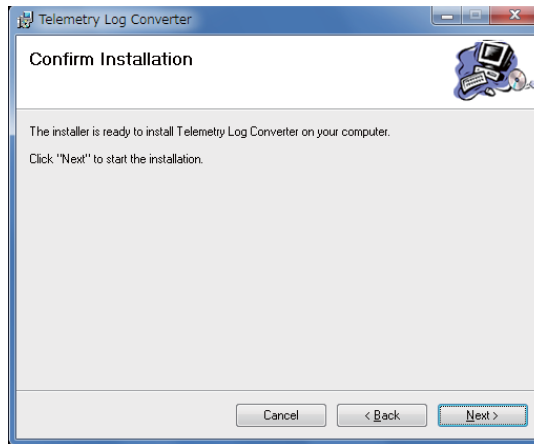


2. Choose the target folder, and push the "Next" button.



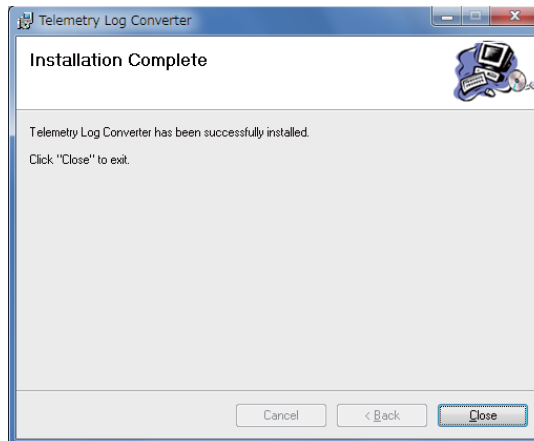
Telemetry Log Converter

3. Push the "Next" button.



4. The install process begins.

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

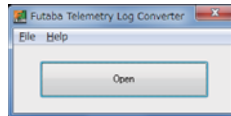


How to use the Telemetry Log Converter Software

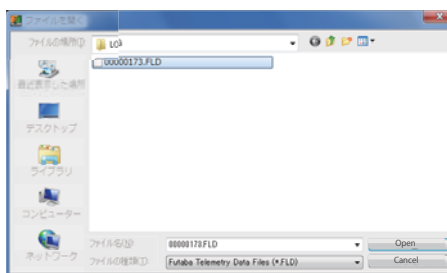
1. Telemetry log file is created with the transmitter corresponding to a telemetry log function.

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

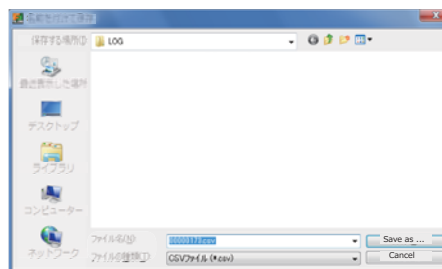
2. Telemetry log file is started.
3. "Open" is pushed.



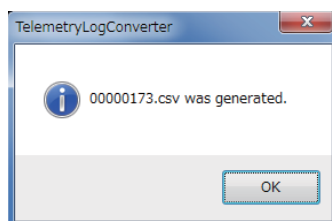
4. Telemetry data file (.FLD) is opened.



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 | R | S | T | U | V | W |
|------|-----|------|------|-----|------|------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|----|----|----|---|
| 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 | 4.8 | 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 | 4.8 | 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 | 4.8 | 3.1 | 25 | -1 | -1 | 0 |

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 | RECEIVER | TEMPERAT | ALTITUDE | ALTITUDE | SENSOR |
| BATTERY | EXTERNAL | TEMPERAT | ALTITUDE | VARIOMETER | |
| 4.8 | --- | 24 | 0 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 1 | 0 | |
| 4.8 | 3.1 | 24 | 0 | 0 | |
| 4.9 | 3.1 | 24 | 0 | 0 | |
| 4.9 | 3.1 | 24 | 0 | 0 | |
| 4.9 | 3.1 | 25 | -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
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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 | V1.2 ~ |
| SBS-01C | Current sensor | V1.3 ~ |
| SBS-01TAS | Airspeed sensor | V1.5 ~ |
| MC970CR | Motor controller | V1.6 ~ |

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 ~ |
| EM-100 | V1.5 ~ |