INSTRUCTION MANUAL

EV-200 DATA EDIT SOFTWARE

Notes

- The EV-200 Data Edit Software can edit and write data to the CF cards to be used with the EV-200 Voice Announcement Board. This manual gives instructions on how to use this software.
- This Software is freeware. Please note that no supports such as bug fixing and updating are provided.

TOA Corporation

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1. GENERAL DESCRIPTION

The software described in this manual is used to edit and write data to the CompactFlash (CF) cards to be played back by the EV-200 Voice Announcement Board.
It permits editing of EV-200 program playback setting files*1, and saving of both setting files and audio files*2 created with a personal computer (PC) to CF cards in directory structures that can be accessed by the EV-200.

*1 Including multiple audio file joint playback and repeat playback.
*2 MP2 files. To create, a conversion program is also required.

[EV-200]
The EV-200 Voice Announcement Board is installed in and used with the VM-2000 Series and VX-2000 Series equipment, and can play back audio sources recorded on CF cards.
A single EV-200 board can be employed in one VM equipment and two boards in one VX equipment. UP to 8 programs (messages) per CF card can be played back by both the VM and VX equipment.

2. SOFTWARE OPERATING ENVIRONMENT

For correct operation, the following component specifications should be observed:

• Computer:	IBM-PC compatible
• CPU:	Pentium-compatible;133 MHz or higher (350 MHz or higher recommended)
• Memory:	64 MB or more (128 MB or more recommended)
• OS:	Windows 2000 or Windows XP
• Free hard disk space:	Approx. 20 MB (Excluding space for saving audio files. Prepare a hard disk drive with sufficient space, although this depends on the size and number of the audio files to be used.)
• CF (CompactFlash) card reader:	Required when using a desktop PC or when the PCMCIA slot of a laptop PC is unavailable for use. USB-compatible card readers may also be used.
• CF card adapter:	Required to read/write to CF cards using the PCMCIA slot of a laptop PC.
• Printer:	Required to print out setting contents.

Notes
• Pentium is a trademark of Intel Corporation.
• Windows is a trademark of Microsoft Corporation.

The following software will be separately required in order to create audio files for use with this software:

• WAV file creation and edit software: Sound Forge, etc.
• MP2 file compression program: CDex, etc.

3. CAUTION ON USE OF CF CARD

- Be sure to use the supplied CF card.
  Using other cards may cause the unit malfunction.
- The supplied CF card capacity is 128 Mbytes.
  The maximum recording time of sound source data differs with the bit rate used for audio files.

Bit rate	64 kbps	96 kbps	128 kbps	192 kbps
Maximum recording time	4:26:30	2:57:40	2:13:15	1:28:50

The above values are provided as a guideline, and may decrease depending on the number of files used.

4. CF CARD WRITING PROCEDURE

4.1. Audio File Preparation

Audio files (.MP2) must first be prepared to be programmed as "Sentences" before editing with the EV-200 Data Edit Software.

Step 1. Create the WAV file.

Prepare audio files for playback by the EV-200 in WAV format.
WAV file specifications are as follows:
Sampling frequency: 32 kHz or 44.1 kHz
Number of channels: 1 (Monaural)
Number of quantifying bits: 16 bits

Note: WAV data creation/edit software is separately required.

Step 2. Convert WAV files into MP2 files.

Convert the WAV files prepared in **Step 1** into the MP2 files.
MP2 file specifications are as follows:
Compression system: MP2 (MPEG-1 Layer II)
Sampling frequency: 32 kHz or 44.1 kHz
Number of channels: 1 (Monaural)
Bit rate: 64 kbps, 96 kbps, 128 kbps or 192 kbps

Notes
- MP2 compression software is separately required.
- MP3 files are incompatible with the EV-200 Voice Announcement Board.

4.2. Software Installation to Card Writing Procedure

Step 1. Install the EV-200 Data Edit Software. (Refer to p. 17.)

Step 2. Start the Software. (Refer to p. 19.)

Step 3. Enter setting file information. (Refer to p. 20.)

Enter the name of the file to be created. Administration data for each project can also be recorded in the setting file. (Refer to p. 7, Setting Files.)

Step 4. Set the PC's operating environment. (Refer to p. 21.)

Set the slot drive for the CF card to be edited according to the PC's operating environment, noting drive configuration and card slot to be used.

Step 5. Format the card. (Refer to p. 23.)

Format the CF card for use with the EV-200. Folders in which the audio files, etc. are stored are created on the CF card.

Step 6. Register the audio files to be used. (Refer to p. 25.)

Register the audio files (.MP2) to be stored on the CF card.

Step 7. Enter data into the Program. (Refer to p. 28.)

Perform Program input when linking audio files and playing them back or when performing repeat playback. Linked or repeat playback data created by Program input are recorded in the setting file, and are recorded together with the audio files when written to the CF card. (Refer to p. 9 for programs.)

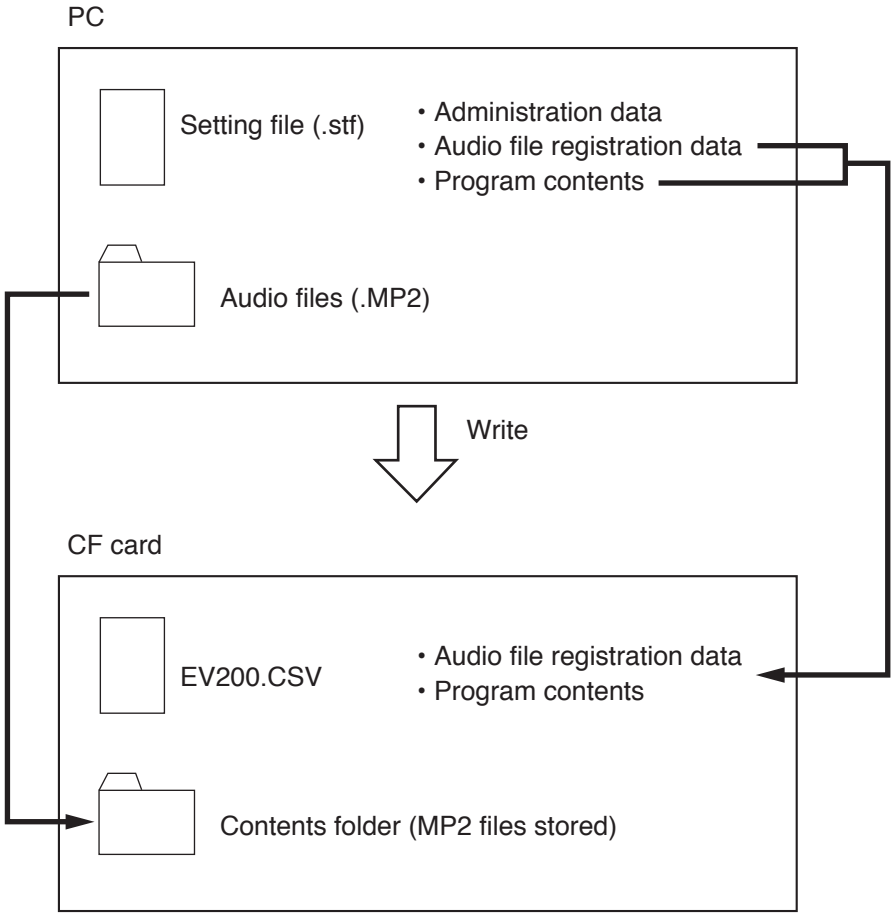
Step 8. Write data to the card. (Refer to p. 37.)

Write the edited setting file and registered audio files to the CF card.

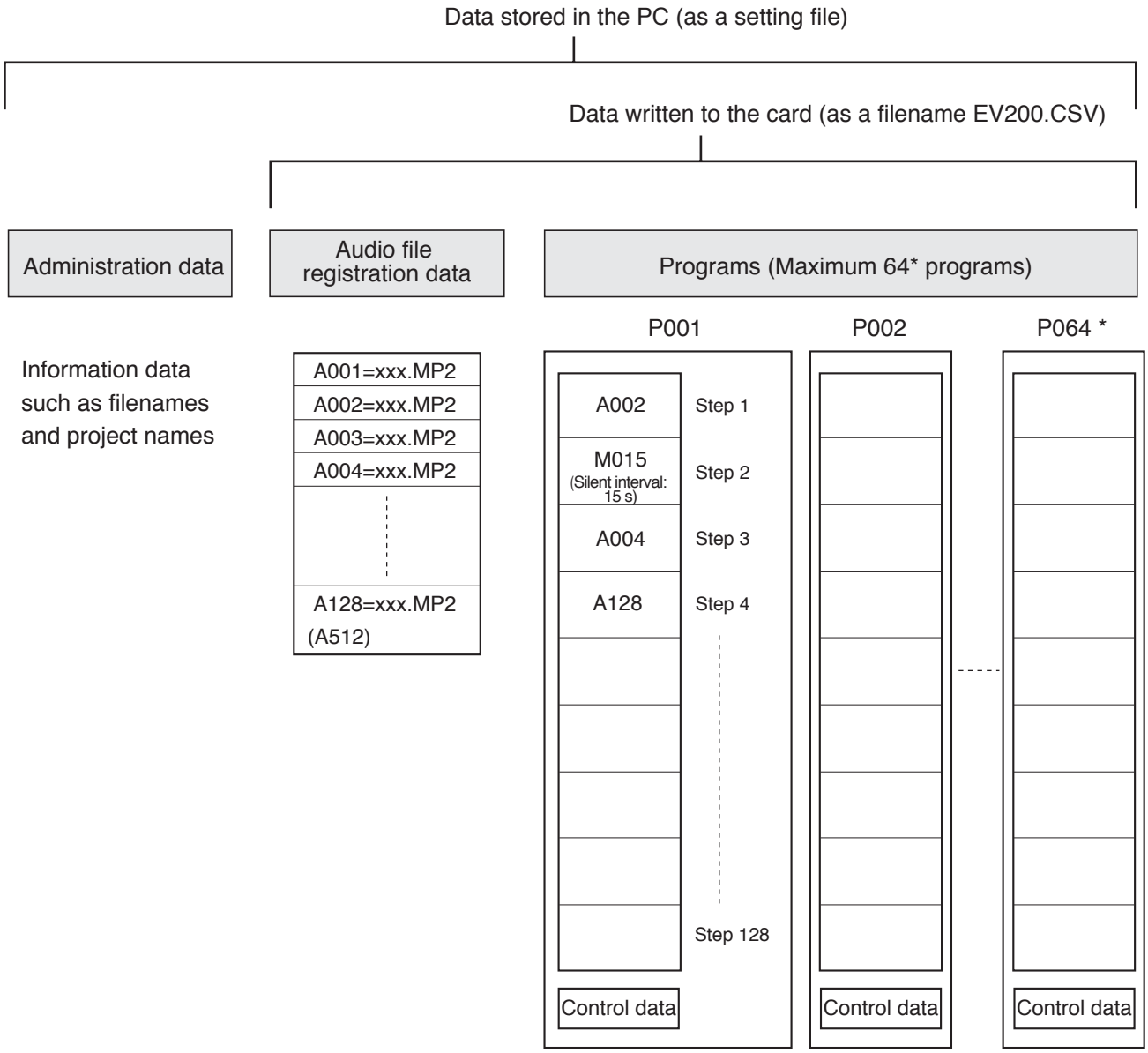
5. SETTING FILES

The EV-200 Data Edit Software permits project names and other data for administration (administration data) to be input in addition to the editing of program contents and registration of audio files (MP2 format). All these data can be stored in the PC as setting files with an extension "stf."
When writing into the CF card, all PC setting file data except administration data are recorded as the setting file of the name of EV200.CSV.
Besides, the audio files (.MP2) used for registration are stored separately from the EV200.CSV file into a newly created Contents folder in the CF card.

[Data written from PC into CF card]



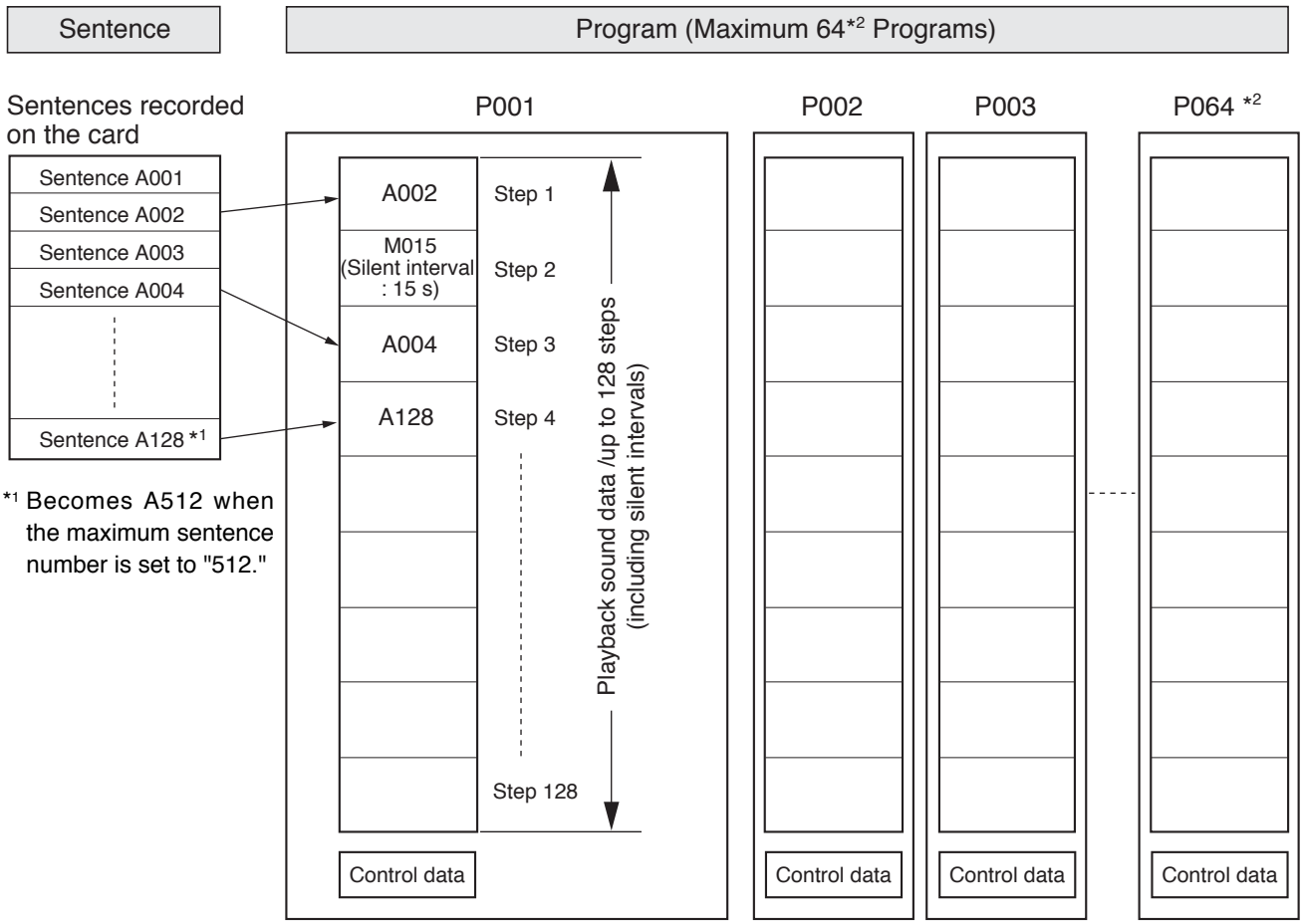
[Contents in the setting file (.stf) and EV200.CSV]



* Although the EV-200 Data Edit Software can create maximum 64 programs, only maximum 8 programs of the program Nos. 1 – 8 (P001 – P008) can be played back by the EV-200 used with the VM-2000 Series or VX-2000 Series equipment.

6. SENTENCE AND PROGRAM

The EV-200 plays back the data stored in the CF card in program units. Each program consists of the combined playback data of Sentences and Silent intervals, and Control data.
The EV-200 Data Edit Software records audio files as sentences, and assigns them to which program and what playback order to be executed.



*2 Although the EV-200 Data Edit Software can create maximum 64 programs, only maximum 8 programs of the program Nos. 1 – 8 (P001 – P008) can be played back by the EV-200 used with the VM-2000 Series or VX-2000 Series equipment.

6.1. Sentence

- The sentence is the minimum unit of audio data. One sentence corresponds to one audio file.
- MP2 formatted audio files can be recorded as sentences.
- The number of sentences recorded on the CF card can be selected from 128 (preset) or 512. Sentence number is A001 – A128 (A512).

Tip
Setting the maximum number of sentences to 512 brings a disadvantage that the card access time becomes longer though more files can be recorded. For recording 128 or less sentences, select "128."

6.2. Program

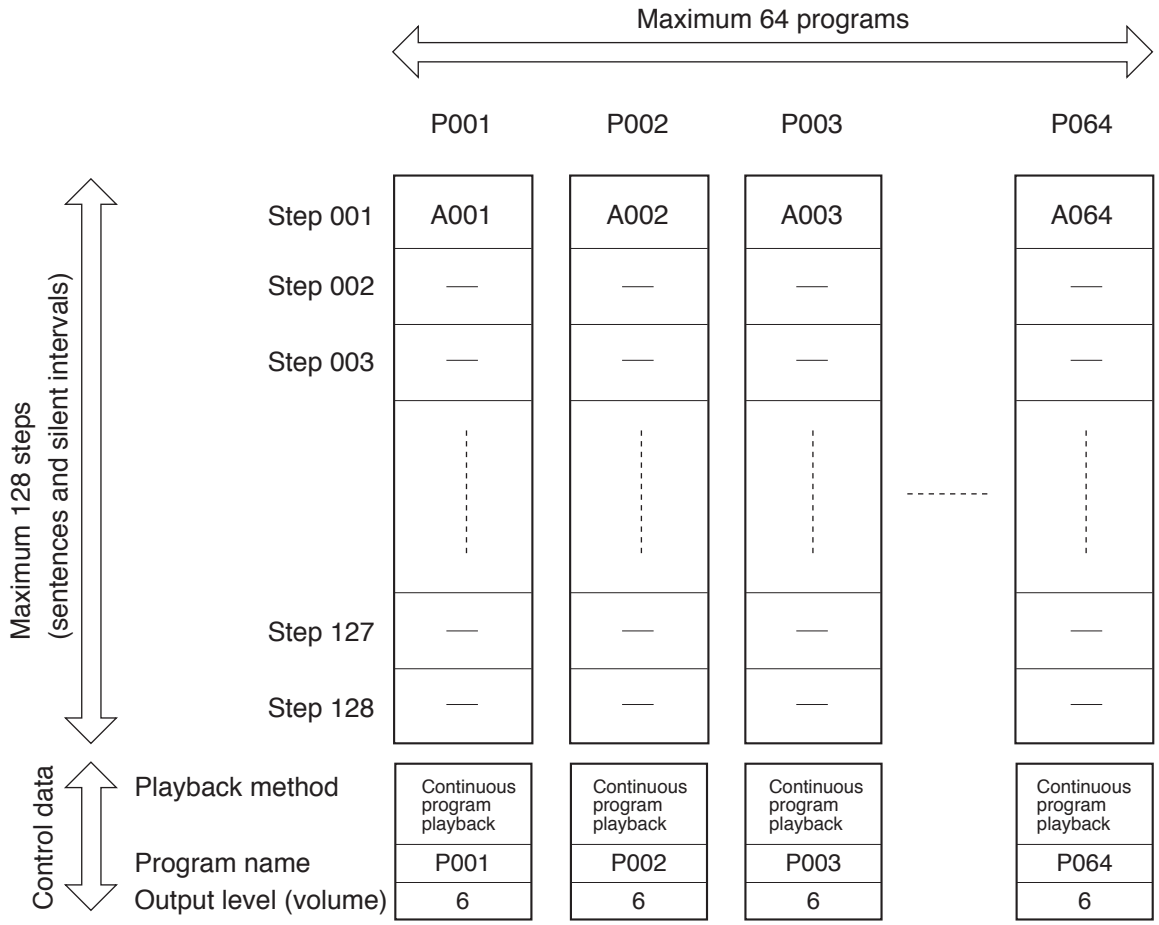
- The program consists of Playback Sound Data*1 and Control Data*2, and is written into a CF card.
  *1 Combined playback data of Sentences and Silent intervals
  *2 Consists of set data related to the Playback method, Program name, and Output level (volume).
- Up to 128 steps of the Sentence and Silent interval can be combined for the Playback Sound Data of one program. The step refers to the playback sequence.
- The Silent interval time of 0 – 127 seconds can be input, which is adjustable in 0.1-second units if the interval time is 0 – 10 seconds, and in 1-second units if 10 – 127 seconds.
- Although maximum 64 programs (P001 – P064) can be created using the EV-200 Data Edit Software, only maximum 8 programs of the program Nos. 1 – 8 (P001 – P008) can be played back by one EV-200 used with the VM-2000 Series or VX-2000 Series equipment. To execute playback, designate the program. Playback cannot be achieved by designating the sentence.
- In the VM-2000 and VX-2000 Series, programs are referred to as messages.

[Contents to be entered into the program]

Data	Content
Playback sound data	Combination of sentence and silent interval (maximum 128 steps)
Control data	Playback method (one of 4 different methods)
	Program name
	Program sound output level (volume)

Note
If no data is entered, the program is played back in Continuous program playback method (p. 12) as preset by default.

[Default programs]



7. PLAYBACK METHODS

There are 4 different playback methods. Select one of them when creating a program.
Setting items differ depending on each method.

[Playback method vs. Setting item]

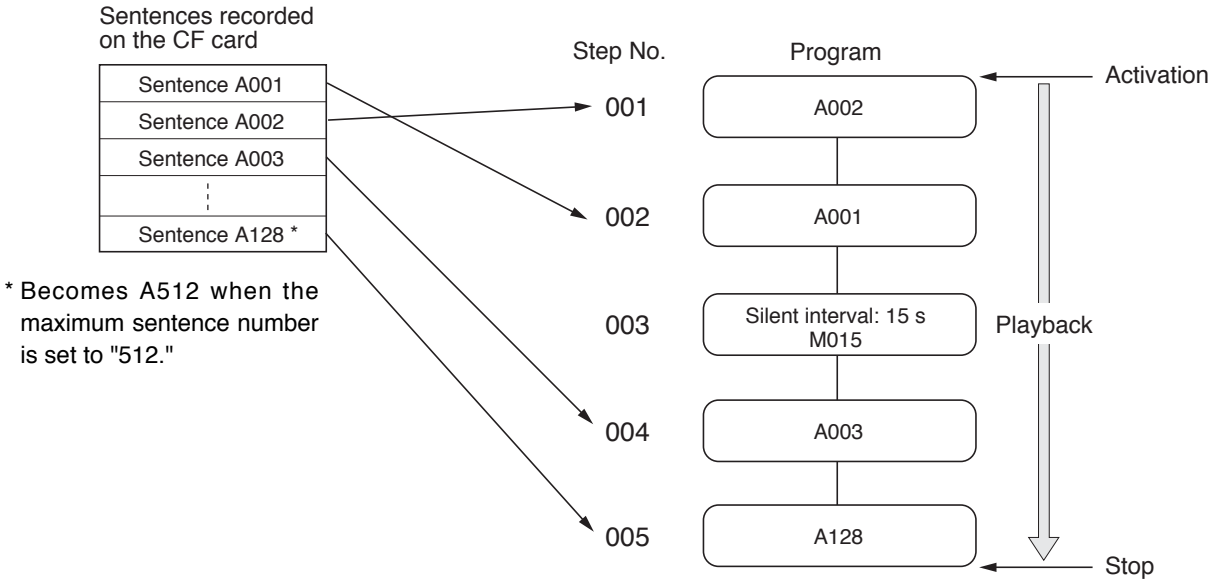
Setting Item / Playback Method	Interval Timer	Repeat No.	Repeat Interval	Interval Busy	Play Interval
Continuous program playback	——	——	——	——	——
Single-program playback *1, *2	OFF (No interval), 10 – 60 s, 2 – 99 min	——	——	ON (during the set Interval Timer) or OFF	——
Repeat playback *2	——	1 – 128 times, Endless	OFF (No interval), 10 – 60 s, 2 – 99 min	ON (during the set Repeat Interval) or OFF	——
Endless playback *1, *2	——	——	——	——	0 – 5 s

*1 Not used when the EV-200 board is used in the VM-2000 Series.
*2 Not used when the EV-200 board is used in the VX-2000 Series.

7.1. Continuous Program Playback

Note
Be sure to select the Continuous Program Playback method for Messages 1 – 5 and 8 of the VM-2000 Series, and for all Messages 1 – 8 of the VX-2000 Series.

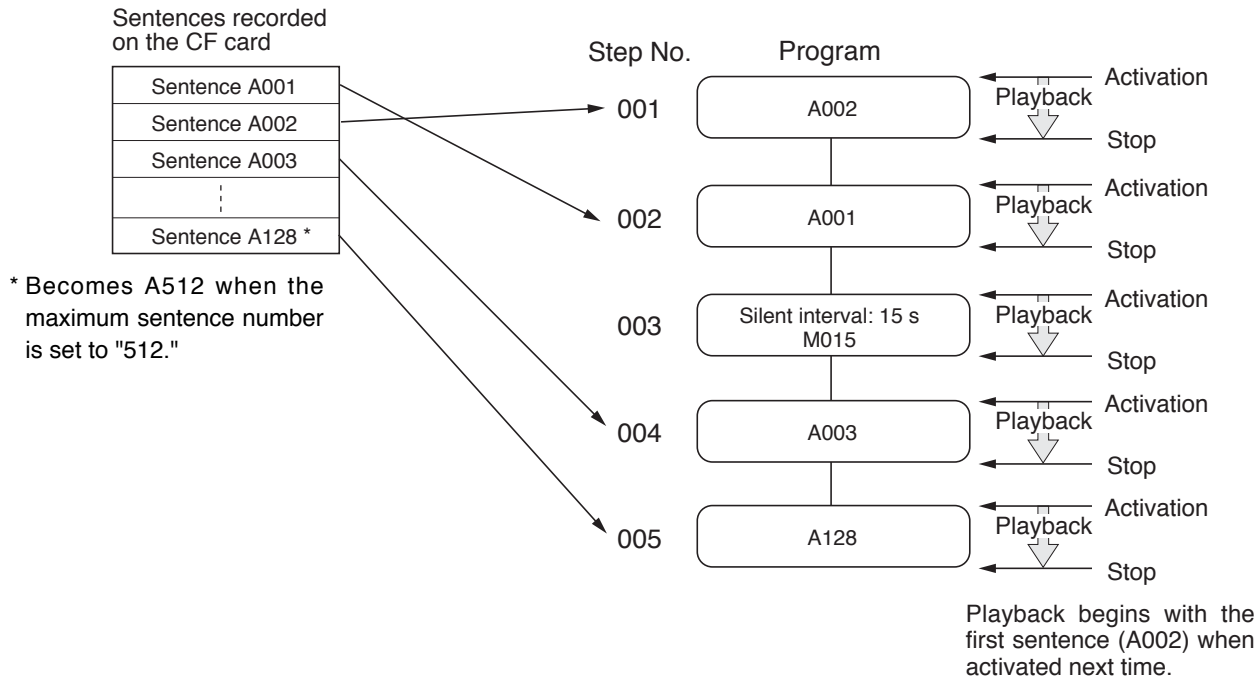
Sentences and silent intervals registered into the program are consecutively played back in order of step number, and playback stops after the program is completed.
This method (factory-preset) is used for program playback unless other method is especially selected.



7.2. Single-Program Playback

Note
This playback method does not apply to the VM-2000 or VX-2000 Series employing the EV-200 board.

One each of sentences or silent intervals registered into the program is played back in order of step number each time the unit is activated. Playback automatically stops after a single sentence is completed. Activating the unit in the Stop mode begins playback from the next step number.
In addition to manual activation for playback, it is also possible to automatically play back sentences with time intervals set between them using the unit's built-in timer. Intervals can be selected from OFF, 10 – 60 seconds (in 10-second units), and 2 – 99 minutes (in 1-minute units).

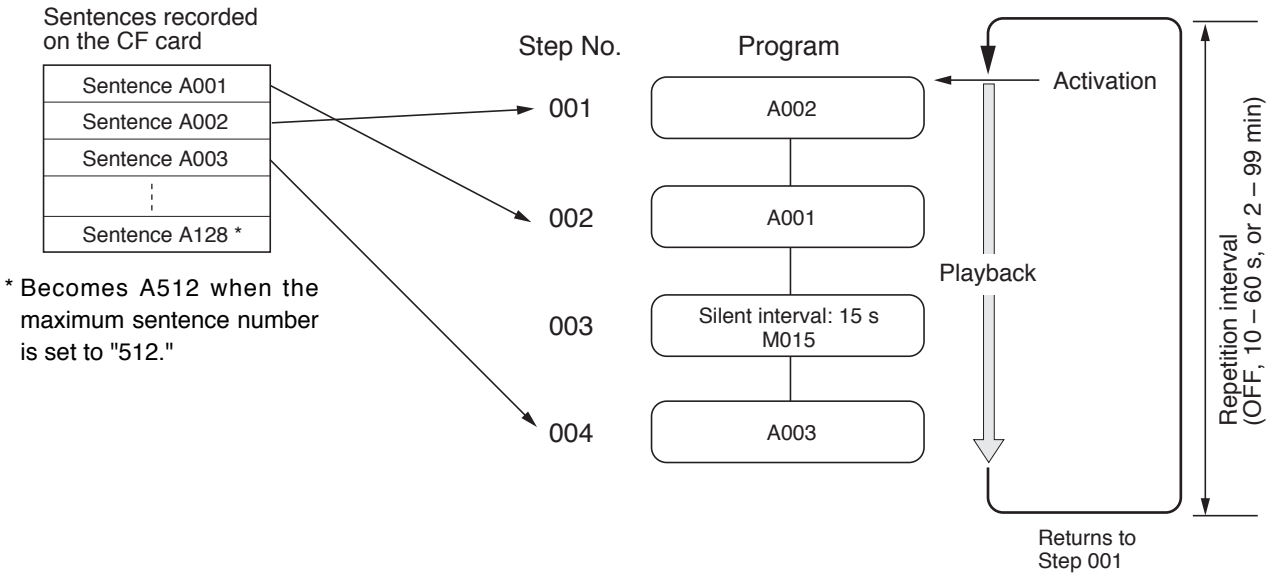


7.3. Repeat Playback

Notes

- When the EV-200 board is used with the VM-2000 Series, select this playback method for Messages 6 and 7.
- This playback method does not apply to the VX-2000 Series employing the EV-200 board.

Sentences and silent intervals registered into the program are repeatedly played back in order of step number at the preset repetition interval (i.e. the duration from the last sentence playback till the first sentence playback) and by the preset number of repetitions. The repetition intervals can be selected from OFF, 10 – 60 seconds (in 10-second units), and 2 – 99 minutes (in 1-minute units). The number of repetitions can be selected from "Endless" and 1 – 128.



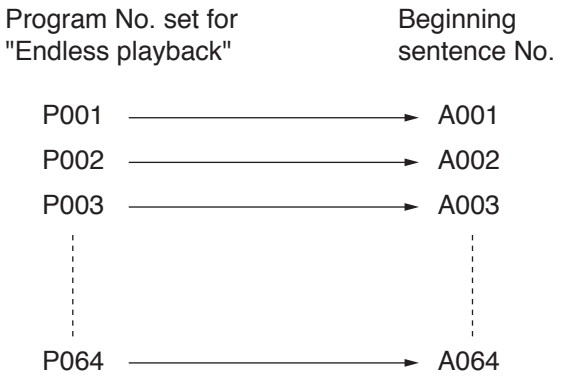
7.4. Endless Playback

Note
This playback method applies to neither the VM-2000 Series nor the VX-2000 Series employing the EV-200 board.

All sentences recorded on the CF card can be consecutively played back. After the last sentence is completed, playback returns to the first sentence and continues.
Playback intervals of 0 – 5 seconds (in 1-second units) can be inserted between sentences.

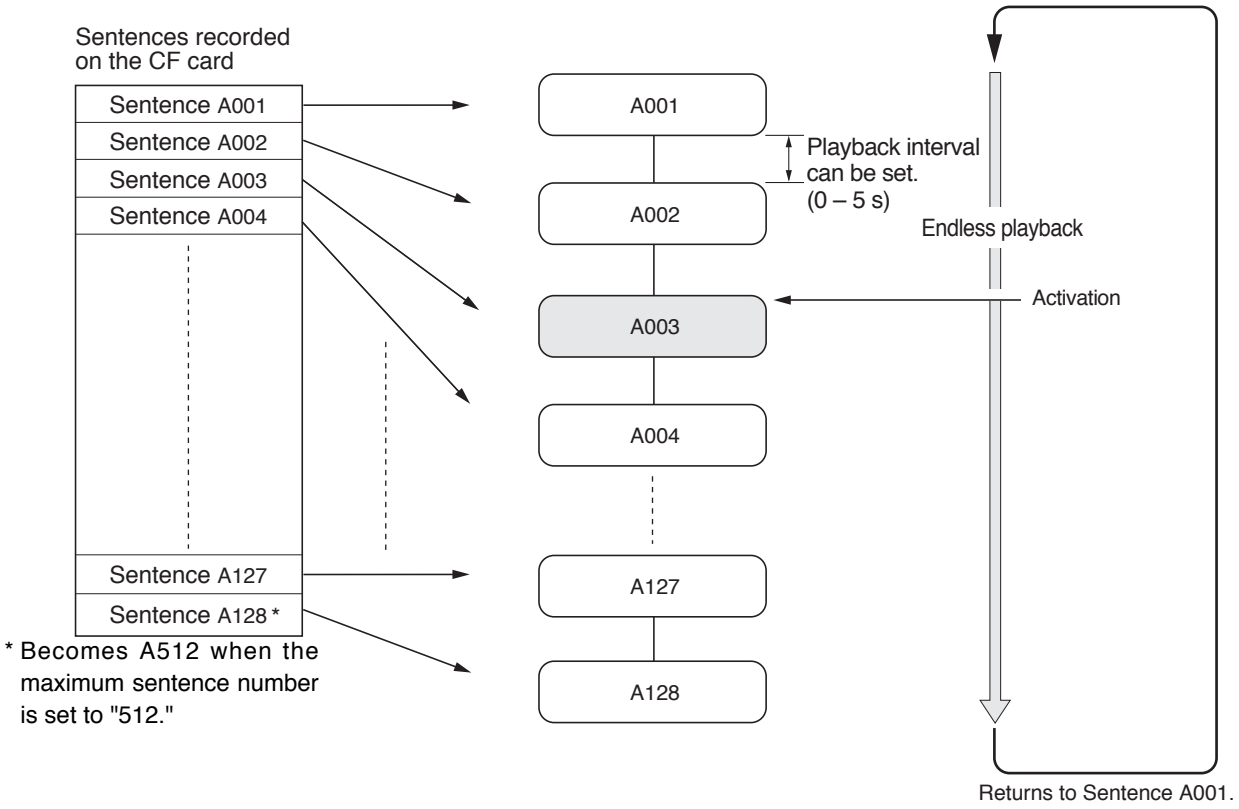
The endless playback method does not relate to the step settings.
Playback begins with the sentence corresponding to the program number as shown at right.

Note
Sentence Nos. A065 – A128 (A512) cannot be set for the beginning sentence because the last program number is 64.



[Example: Program P003 is set for "Endless playback."]

Beginning with Sentence A003, playback continues in sequence.



Note
Program numbers other than that set for "Endless playback" can be set for any playback method.

8. SETTING EXAMPLES

The EV-200 continues to output a busy signal during the interval between program* activation and stop. In the VM-2000 and VX-2000 Series, the busy output is used to make broadcasts.

* Programs 1 – 8 are used for broadcast as Messages 1 – 8 in the VM-2000 and VX-2000 Series.

8.1. Setting Example for the VM-2000 Series

Each type of message is predetermined in the VM-2000 Series.

8.1.1. General-purpose broadcast messages

Messages 1 – 5 and 8 used for general announcements can be broadcast while the EV-200 is outputting a busy signal in the VM-2000 Series. To achieve this purpose, set the playback method for these messages to "Continuous Program Playback" (default).

8.1.2. Emergency broadcast messages

Settings differ in the following two broadcast modes for Messages 6 and 7 depending on how the Emergency broadcast operates.

[Sequential broadcast from Alert to Evacuation]
- Set the playback method for Messages 6 and 7 to "Repeat Playback."
- Set the number of repeats to the desired number for Alert Message and to "Endless" for Evacuation message.
- Alert broadcast starts on activation of emergency. The broadcast duration depends on the length of message and the number of repeats set for the Repeat Playback. Evacuation broadcast automatically begins after termination of Alert Message playback.

[Independent Alert and Evacuation broadcasts]
- Set the playback method for Messages 6 and 7 to "Repeat Playback."
- Set the number of repeats to "Endless" for both Alert and Emergency Messages.
- Alert broadcast and Emergency broadcast are activated independently from each other.

Note
Because the Evacuation broadcast takes precedence over the Alert broadcast, broadcast mode can be switched to the Evacuation broadcast during Alert broadcast, however, not vice versa.

8.1.3. Setting example

VM unit's Message No.	Program No.	Playback method	Number of repeats	Repeat interval	Sentence No. (or Silent Section)	Remarks
Message 1	P001	Continuous Program Playback	—	—	A001, A002, M003, A003	Activation from Remote Microphone or Message activation input (CONTROL I/O)
Message 2	P002		—	—	A011, A012, M002, A013	
Message 3	P003		—	—	A021, A022, M002, A023	
Message 4	P004		—	—	A031	
Message 5	P005		—	—	A041	
Message 6	P006	Repeat Playback	5 times	0 second	A051, M001, A052, M002	Alert message
Message 7	P007		Endless	0 second	A061, M001, A062, M002	Evacuation message
Message 8	P008	Continuous Program Playback	—	—	A071	Pre-recorded chime

8.2. Setting Example for the VX-2000 Series

In the VX-2000 Series, set each type of message using the VX-2000 Setting Software.

8.2.1. General-purpose broadcast messages

Messages used for general announcements are broadcast while the EV-200 is outputting a busy signal. To achieve this purpose, set the playback method for these messages to "Continuous Program Playback" (default).

8.2.2. Emergency broadcast messages

Activation methods (Single origin or Dual origin EV message broadcast) for Alert and Evacuation broadcasts, and also the broadcast duration are determined by using the VX-2000 Setting Software.
Reset EV messages are broadcast while the EV-200 is outputting a busy signal in the same manner as general-purpose broadcast messages. To achieve this purpose, set the playback method for these messages to "Continuous Program Playback" (default).

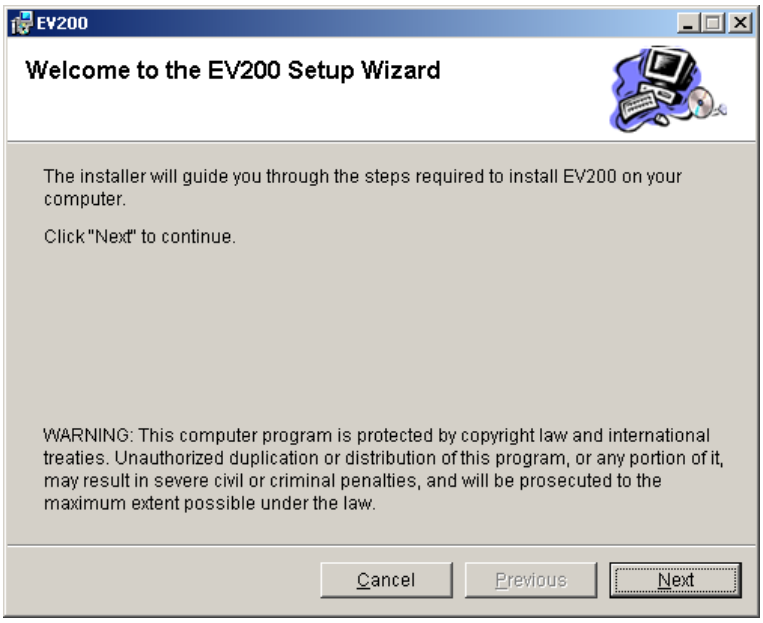
8.2.3. Setting example

VX unit's Message No.	Program No.	Playback method	Sentence No. or Silent Section	EV message type
Message 1	P001	Continuous Program Playback	A001, A002, M003, A003	Alert
Message 2	P002		A011, A012, M002, A013	Evacuation
Message 3	P003		A021, A022, M002, A023	Reset
Message 4	P004		A031	General (General-purpose broadcast)
Message 5	P005		A041	
Message 6	P006		A051, M001, A052, M002	
Message 7	P007		A061, M001, A062, M002	
Message 8	P008		A071	

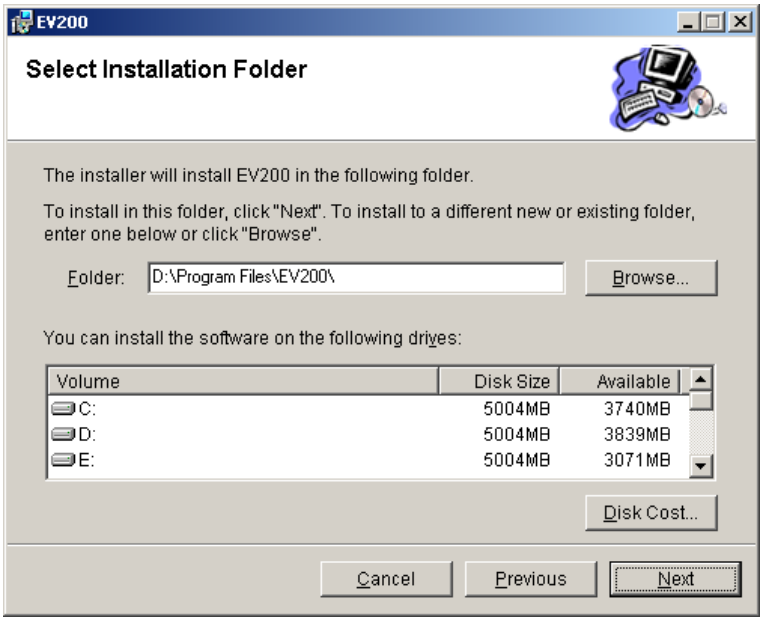
9. SOFTWARE INSTALLATION

Start the PC using the administrator privilege, then copy the file EV200.msi to an appropriate directory on the PC's hard disk.

Step 1. Double-click on the EV200.msi icon.

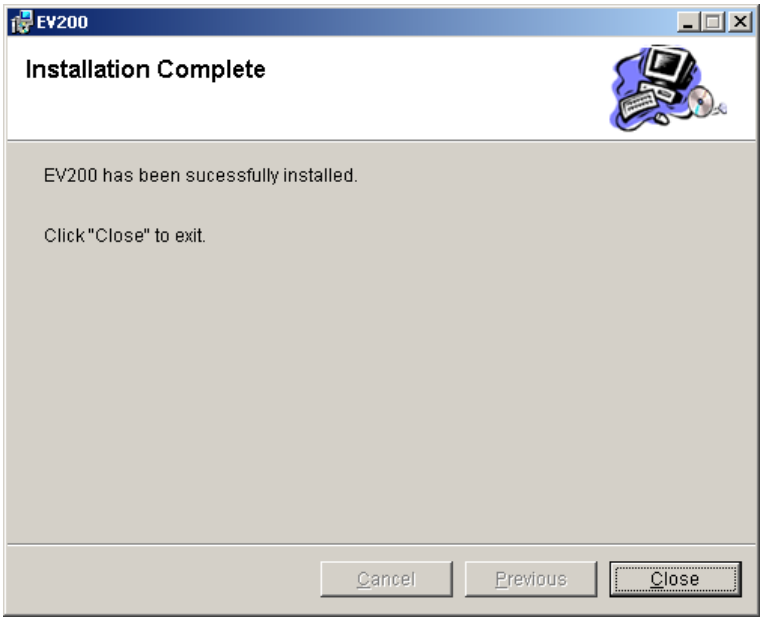


Step 2. Click on the Next button.



Step 3. Designate the folder in which the EV-200 Data Edit Software is installed, then click the Next button.

Step 4. Install the program by following the screen instructions.



Step 5. Click the Close button after installation completion. The shortcut for the EV-200 Data Edit Software execution file is registered in the PC's start menu.

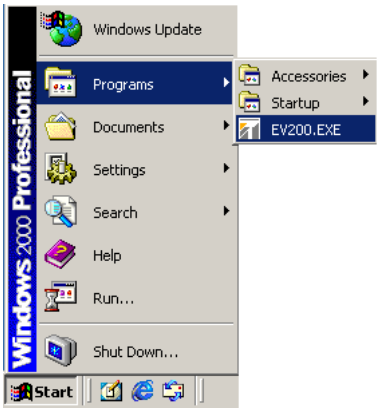
10. CREATING SETTING FILE AND WRITING TO THE CF CARD

10.1. Start the EV-200 Data Edit Software

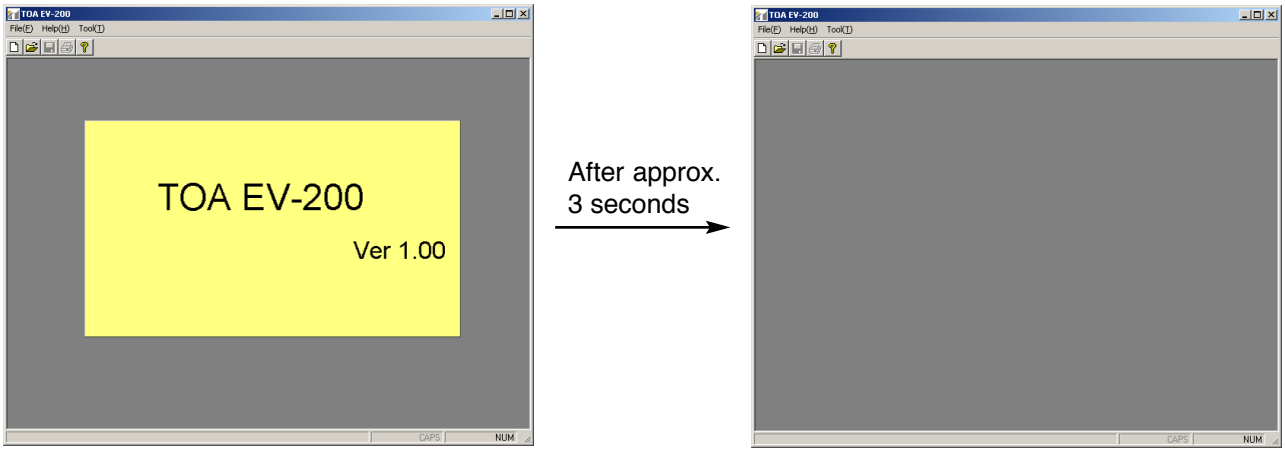
Before starting the program, connect the CF card reader to the PC.

Because the shortcut for the execution file is registered in the PC's start menu when the EV-200 Data Edit Software is installed, this program can be started from the start menu.

Click the Start button (usually located at the lower left corner of the desktop screen) to select [Programs → EV200.EXE].

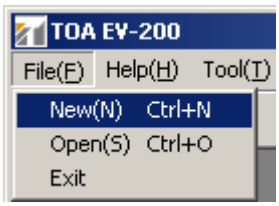


The main screen is displayed when the EV-200 Data Edit Software is started.

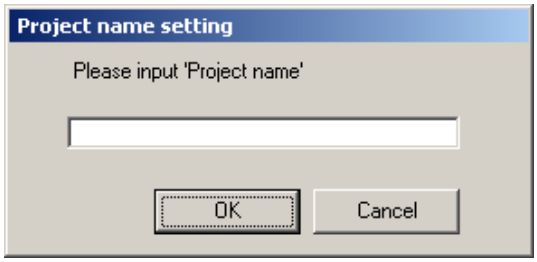


10.2. Entering Setting File Names and Other Data

Step 1. Select [File → New] from the menu bar.

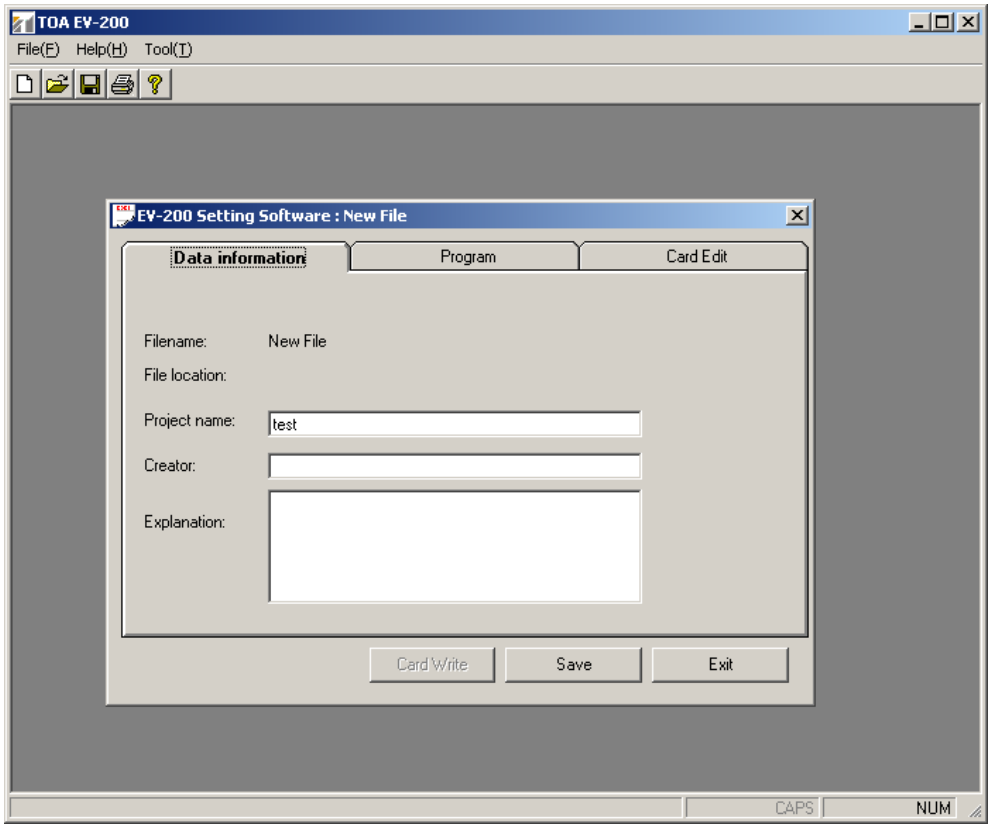


The Project name setting screen is displayed.



Step 2. Enter a Project name of up to 15 characters in length.
Tip
One project name can be assigned to more than one file (.stf).

Step 3. Click the OK button.
The Edit screen is displayed.



Step 4. Enter a Creator name of up to 50 characters in length, and an Explanation of up to 12 lines and 500 characters in the Data Information screen, as required.

10.3. PC's Operating Environment Settings

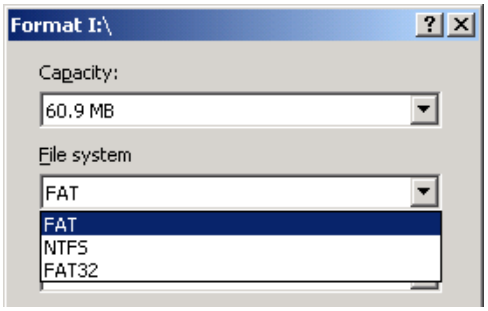
Set the PC's CF card drive. The drive letter will differ depending on the PC environment.

Step 1. Insert the CF card into the card slot.

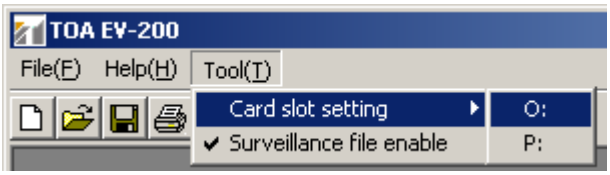
Step 2. If the inserted card is unformatted, format it in Windows.
The card can be Windows-formatted by way of the Format menu displayed by right-clicking the corresponding drive icon.

Note
To format the card, select "FAT*" from the File System pull-down menu.
The EV-200 unit will not recognize the card formatted using "NTFS" or "FAT32."

* Automatically performs FAT12 or FAT16 format according to the card capacity.



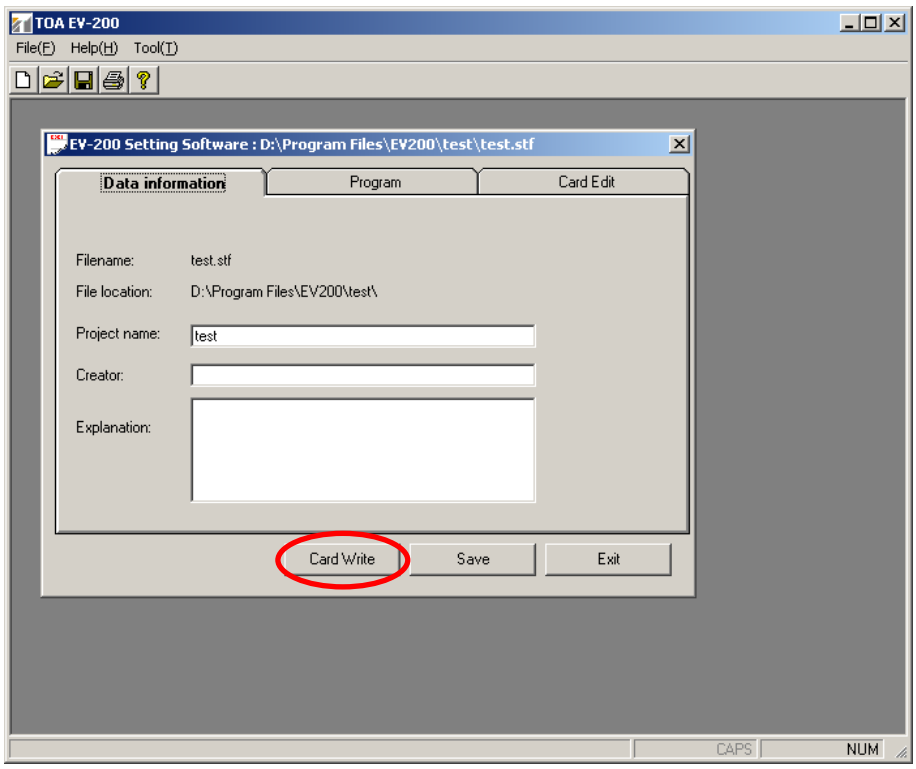
Step 3. Select [Tool → Card slot setting] from the EV-200 Data Edit Software's menu bar, then select the drive letter to which the CF card slot is allocated.



Notes

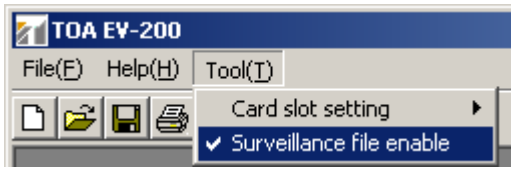
- The drive letter to be displayed here differs depending on the PC environment.
- If multiple drive letters are displayed, select the correct drive corresponding to the CF card slot.

When the CF card slot is correctly selected, the Card Write button becomes active.



Note
Depending on the type of CF card reader being used, settings might not be able to be performed in a single operation. In such cases, repeat the PC's operating environment setting or reset or reformat the CF card.

Step 4. Select [Tool → Surveillance file enable] from the EV-200 Data Edit Software's menu bar to set a surveillance signal*, as required.

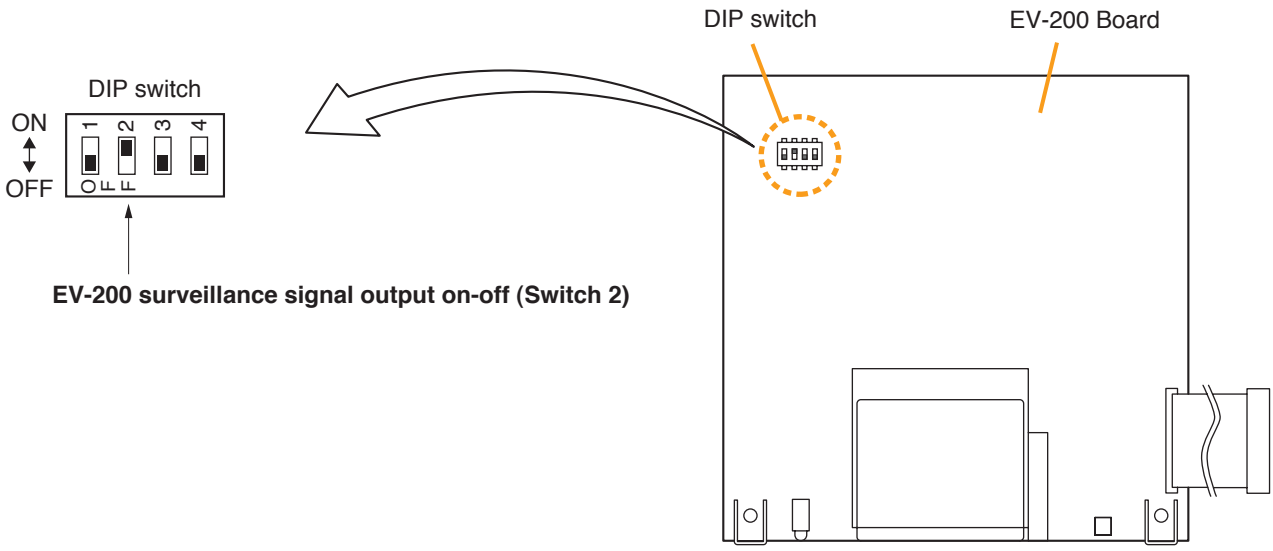


* The surveillance signal is a failure detection signal (sine wave) output from the EV-200 Voice Announcement Board when it is used in combination with TOA's VX-2000 or VM-2000 Series equipment. In this system, use the initial setting because the surveillance signal output is required.

Selecting [Tool → Surveillance file enable] turns off the check mark display at the left of the menu. (It is initially set to be displayed.) The check mark is displayed when the selection is made again, and the display toggles between ON and OFF each time this operation is repeated.

Tips

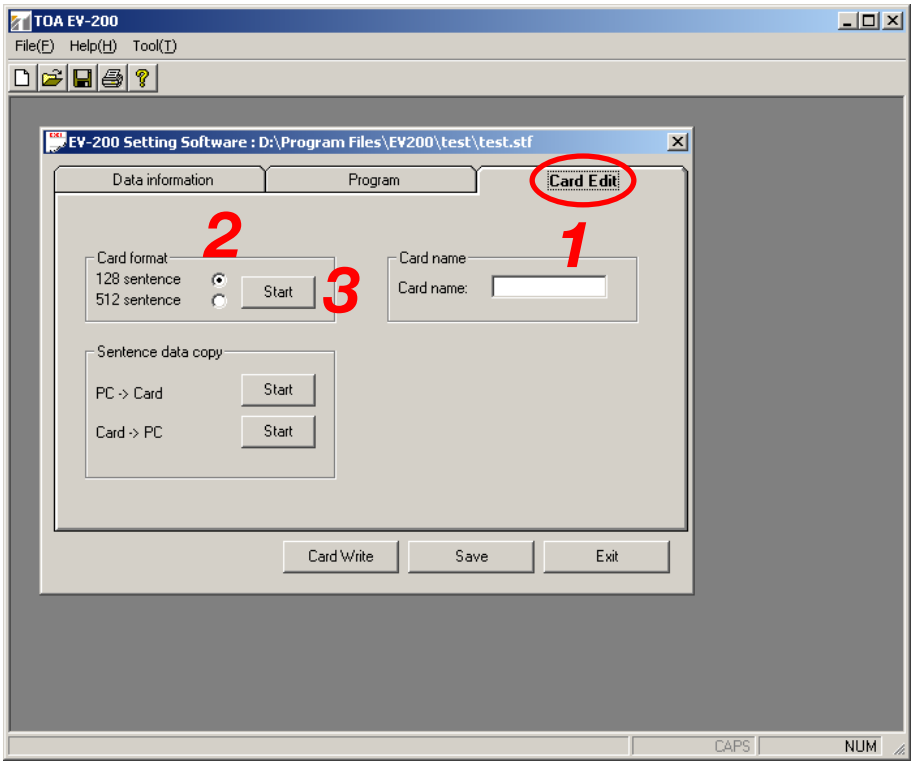
- If the surveillance signal is set to be enabled, a sine wave audio file (size approx. 60 KB) is recorded to the CF card, and not recorded if disabled. (Initial setting: Enabled)
- Surveillance signal output can also be disabled by setting the EV-200 board's DIP switch. (To do this, set DIP switch 2 on the board to OFF.) If disabled with the DIP switch, the DIP switch setting takes precedence.



10.4. Card Formatting

Format the CF card in order to allow it to be used with the EV-200 Voice Announcement Board. Formatting includes the creation of the Contents folder in which MP2 audio files are saved, and the EV200.CSV file in which the initial setting values are recorded.

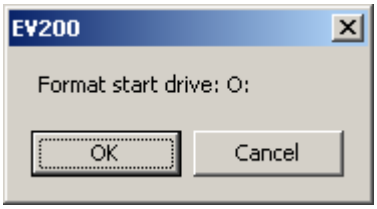
Step 1. Click the [Card Edit] tab on the Edit screen.
The Card Edit screen is displayed.



Step 2. Select a maximum of "128 sentences" (initial setting) or "512 sentences" depending on the number of audio files (sentences) to be recorded on the CF card.

Tip
If "512 sentences" is selected, many audio files can be edited. However, this brings such disadvantages as longer times required to identify the card. When using less than128 audio files, select "128 sentences."

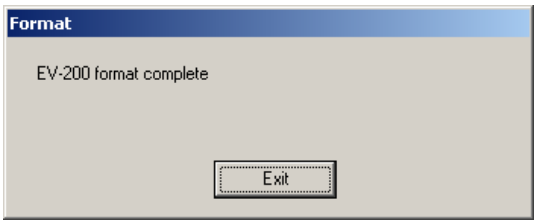
Step 3. Click the Start button in the Card format frame.
The dialog screen is displayed.



Note
If the Start button appears inactive, perform PC's operating environment settings again. (Refer to p. 21.)

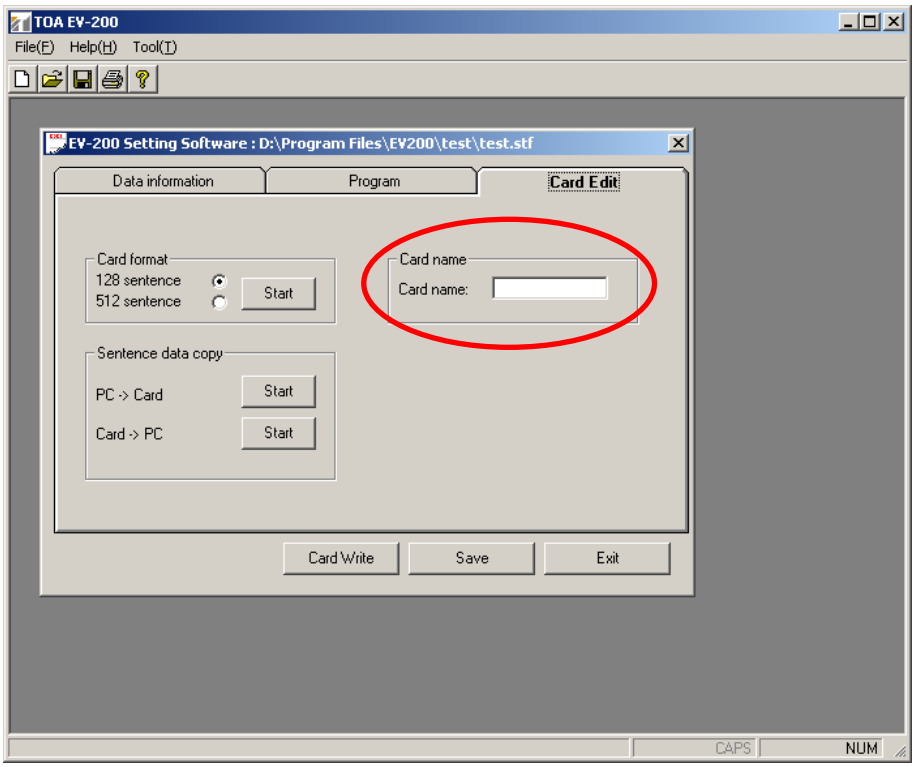
Step 4. Click the OK button.
CF card formatting then begins.

The following dialog screen is displayed after formatting is completed.



Step 5. Click the Exit button.

Step 6. Enter a card name as required.



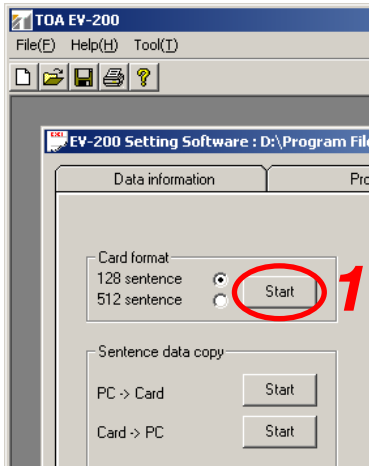
Enter a card name of up to 8 characters in the edit box of the Card Name frame.

10.5. Audio File Registration

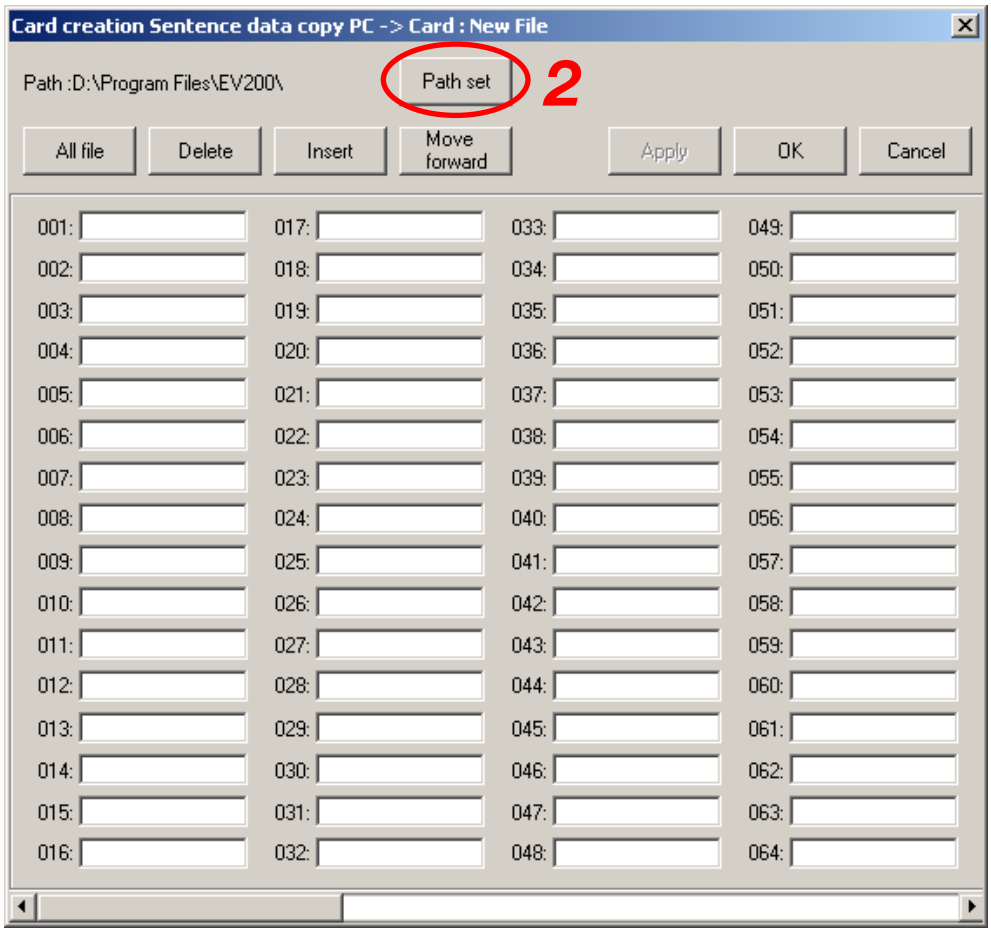
Register the audio files (.MP2) to be used in the EV-200 Voice Announcement Board.

Notes
- Audio files must be separately prepared. (Refer to p. 5.)
- Each filename must be 8 characters or less in length for registration.

Step 1. Click the Start button for [PC → Card] in the Sentence data copy frame on the Card Edit screen.

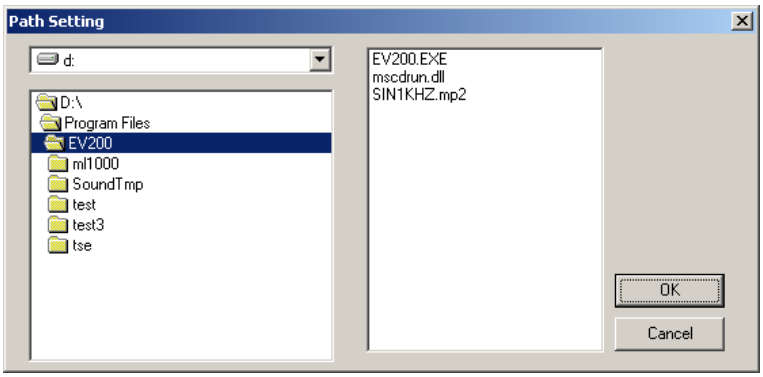


The audio file registration screen is displayed.



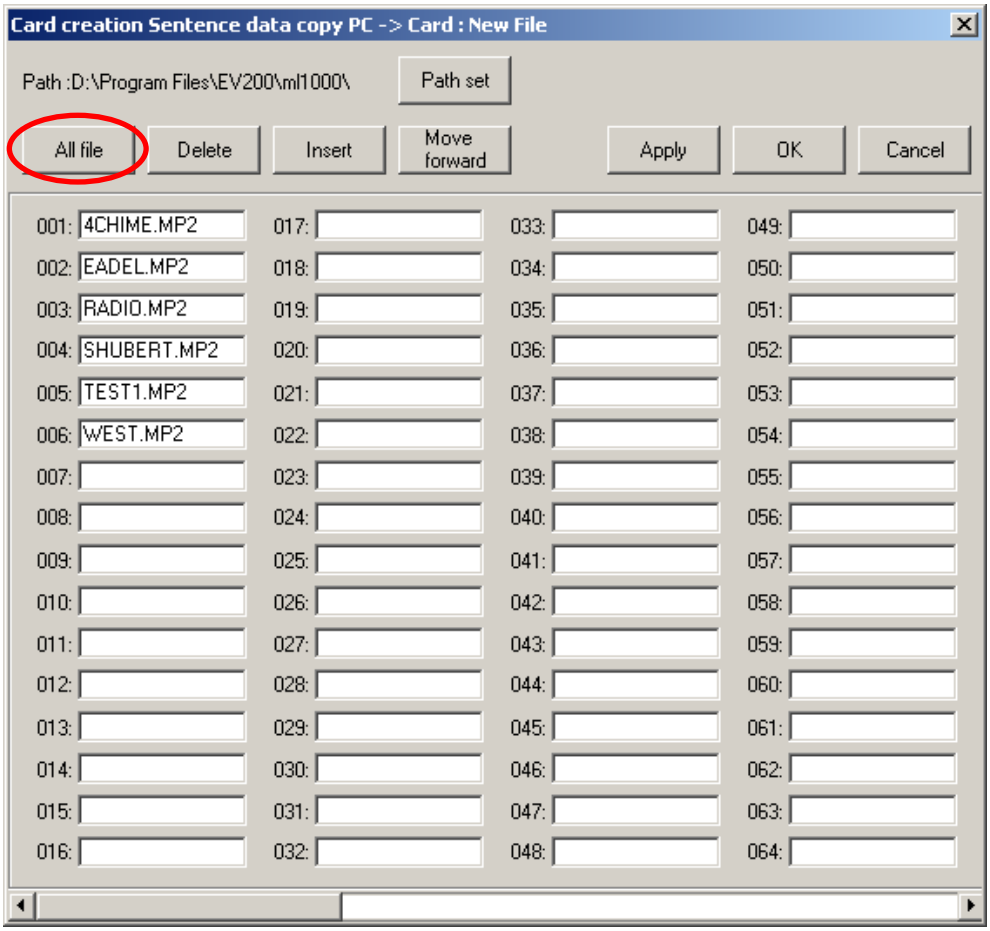
Tip
The boxes 001 – 128 (or 512) displayed on this screen represent sentences A001 – A 128 (or A512), which are used in the EV-200 board.

Step 2. Click the Path set button to access the folder in which the audio files are stored.
The Path setting screen is displayed.



Step 3. Select the folder in which the audio files (.MP2) to be written to the CF card are stored, and click the OK button.
The Path setting screen closes.

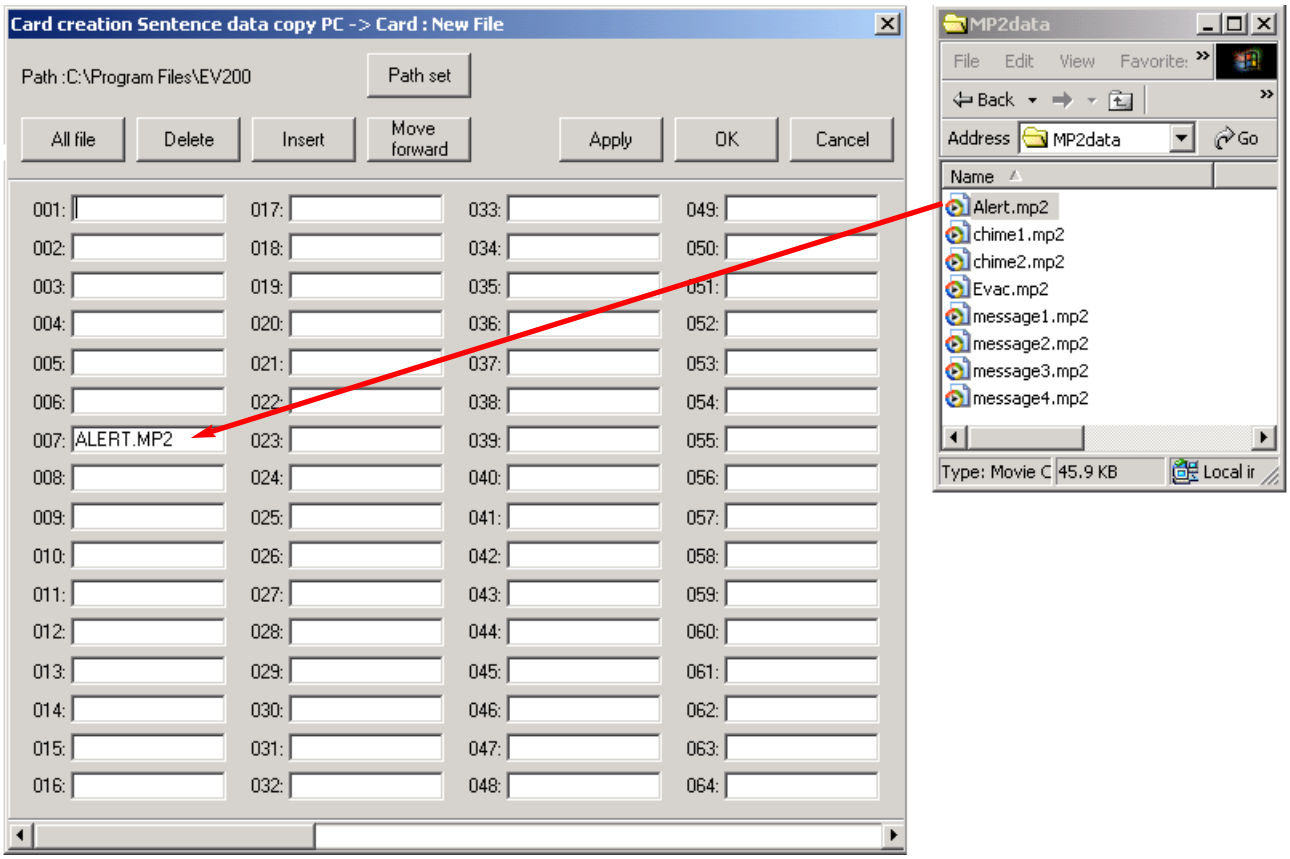
Step 4. Click the All file button on the audio file registration screen.
The MP2 files stored in the folder set as the audio file path are registered to the EV-200 setting file.



Tip
If audio files are registered with the [All file] button, they are registered alphabetically. Sentences A001 – A064 are allocated to Programs P001 – P064 (EV-200's playback activation units), respectively, by default. To use the default setting, assign names to the audio file, noting their alphabetical order so that the audio file names are arranged in the desired sentence order.

Step 5. Use the Delete button (deletes by file), Insert button (inserts a space corresponding to one file) and Move forward button (removes all spaces) as required to register the audio files.

Tip
Each box can be registered with drag-and-drop operation. The MP2 files can also be directly registered one-by-one by opening the Explorer window.

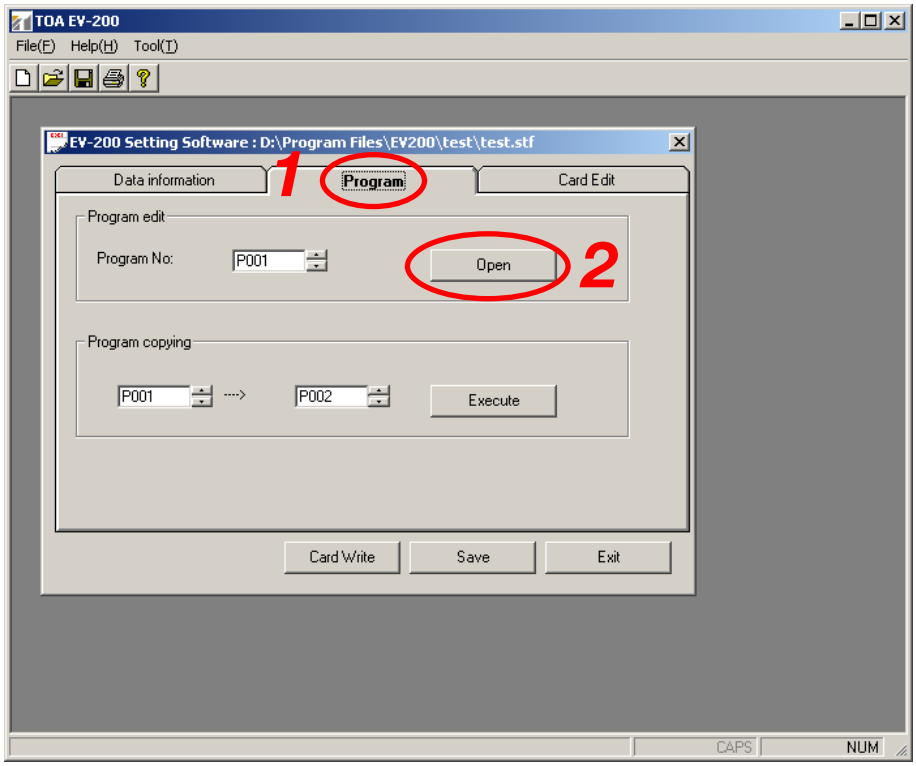


Step 6. Click the OK button.
The setting contents are saved, closing the registration screen.

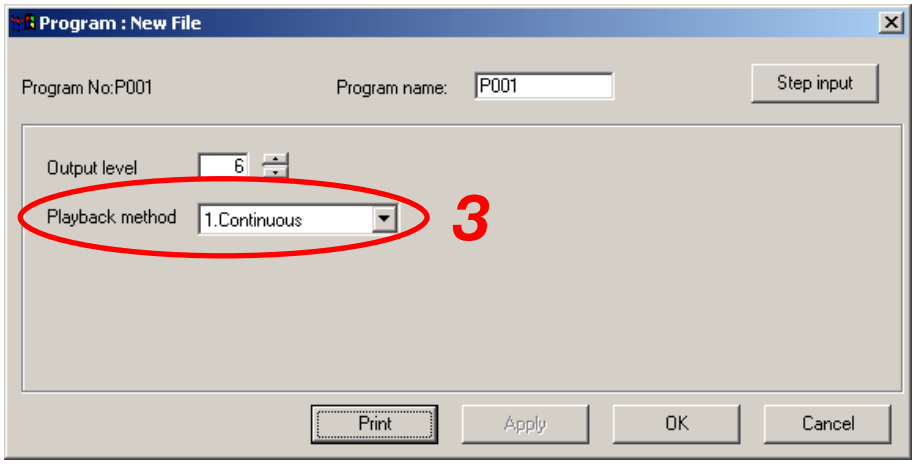
10.6. Program Data Entry

Perform program input when audio files are to be linked and played back or when repeat playback is to be executed. Data for linked or repeat playback created by program input is recorded in the setting file (.stf) and written to the CF card together with the audio files.

Step 1. Click the [Program] tab on the edit screen.
The Program screen is displayed.



Step 2. Click the Open button.
The Program Input screen for the on-screen program number is displayed.



Step 3. Select the Playback method from the following:

- Continuous (Continuous program)
  Links and continuously plays back audio files registered by Step Input.
  Playback is completed after a single playback operation. Up to 128 audio files and silent intervals can be programmed. (Refer to p. 11 for details, and **Step 4** below for the setting method.)

- Single-Program *1, *2
  Plays back each of the audio files registered by Step Input for each activation instruction. Individual audio files can also be set to be played back consecutively with a single instruction by setting a playback interval for each Step. (Refer to p. 12 for details, and p. 30 for the setting method.)
- Repeat *2
  Continuous program playback can be repeated. (Refer to p. 13 for details, and p. 31 for the setting method.)
- Endless *1, *2
  Registered audio files are played back by turns. After all files have been played, playback is repeated from the beginning. (Refer to p. 14 for details, and p. 32 for the setting method.)

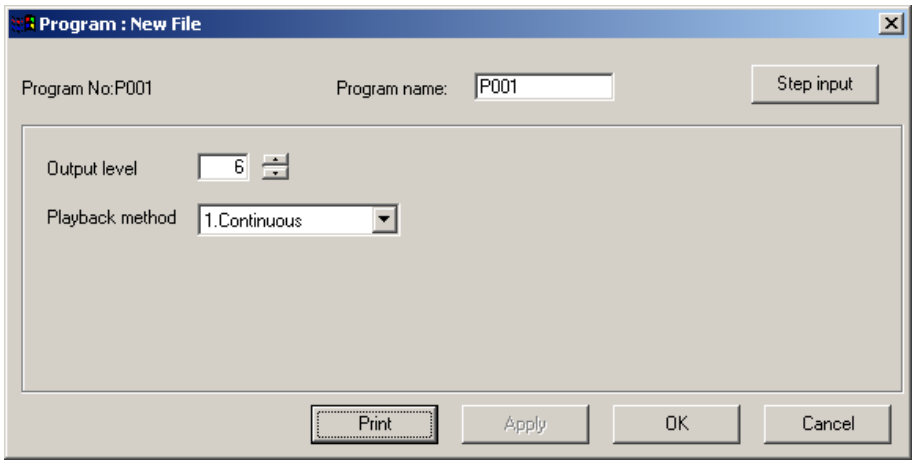
*1 This playback method does not apply to the VM-2000 Series employing the EV-200 board.
*2 This playback method does not apply to the VX-2000 Series employing the EV-200 board.

Step 4. Set the Playback method contents.

Note
Setting contents differ depending on the Playback method.

[1. If Continuous is selected...]

Note
Select "1. Continuous" for Messages 1 – 5 and 8 of the VM-2000 Series, and for all Messages (1 – 8) of the VX-2000 Series.



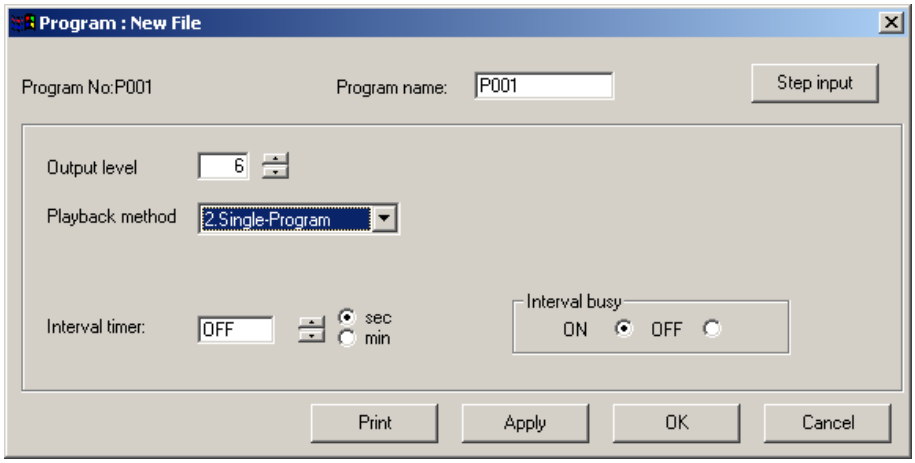
Program name: A name can be entered so that the registered contents can be easily identified later. Use up to 8 characters.
Output level: Set the output volume level (Setting values 1 – 8) for each program.

Tip
The relationship between the values set by program input and the actual output volume is shown below. Because these values are only provided as a guideline, confirm the sound volume by actually reproducing the sound after settings are made.

Setting value	1	2	3	4	5	6	7	8
Output volume level (dB)	–60	–24	–15	–12	–9	–6	–3	0

[2. If Single-Program is selected...]

Note
This playback method applies to neither the VM-2000 Series nor the VX-2000 Series.

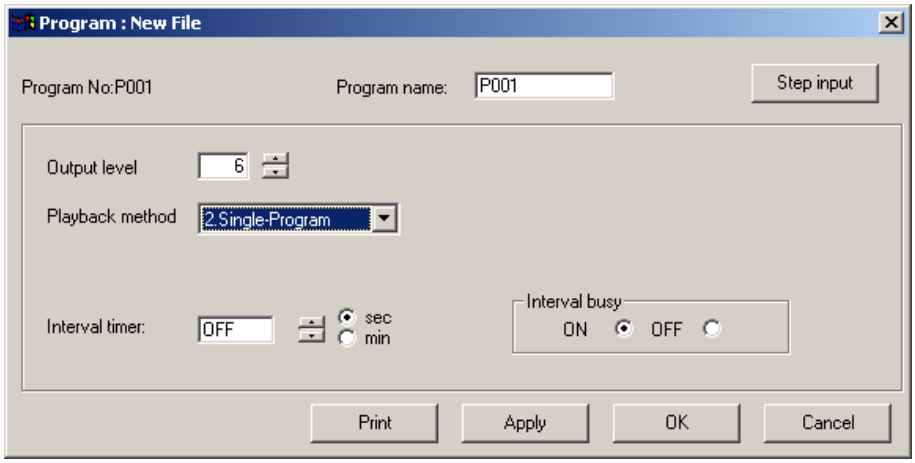


Program name: A name can be entered so that the registered contents can be easily identified later. Use up to 8 characters.
Output level: Set the output volume level (Setting values 1 – 8) for each program. (Refer to p. 29, Tip.)
Interval timer: Set the interval between the end of file playback and the start of the next file. The interval can be set to OFF, 10 – 60 seconds (in 10-second units), or 2 – 99 minutes (in 1-minute units). If set to OFF, one file is played back each time playback is activated.
Interval busy: Set to leave the EV-200's busy output ON or OFF during the interval set in the above Interval timer setting.

[3. If Repeat is selected...]

Notes

- Select "3. Repeat" for Messages 6 and 7 of the VM-2000 Series.
- This playback method does not apply to the VX-2000 Series.



Program name: A name can be entered so that the registered contents can be easily identified later. Use up to 8 characters.

Output level: Set the output volume level (Setting values 1 – 8) for each program. (Refer to p. 29, Tip.)

Repeat No.: Set the number of repeats: 1 – 128 repetitions or Endless repetition until a stop signal is received. Selection of 1 terminates playback after a single playback and results in the same operation as when "1. Continuous" is selected.

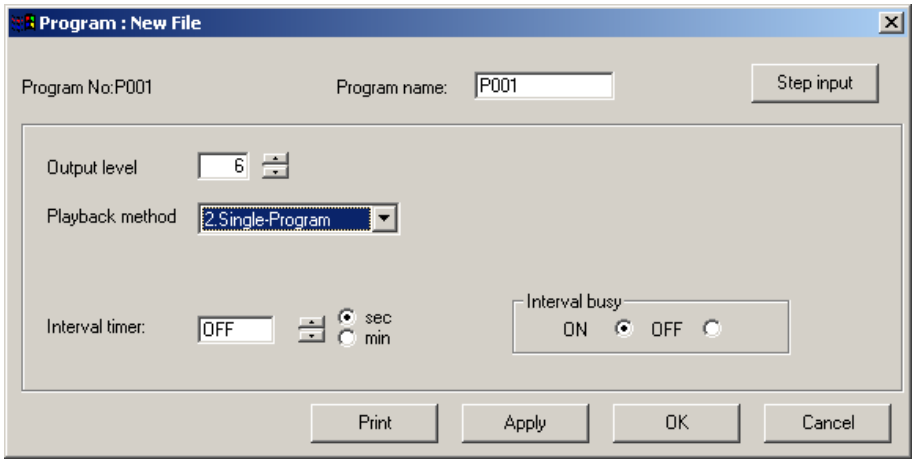
Repeat Interval: In Repeat Playback, playback returns to the first step after all steps are played back, and repeated. The interval is set here to OFF, 10 – 60 seconds (in 10-seconds units) or 2 – 99 minutes (in 1-minute units).

Interval busy: Set to leave the EV-200's busy output ON or OFF during the interval set in the above Repeat Interval settings.

Note

When the EV-200 is used in conjunction with the VM-2000 Series, be sure to set the Interval busy to ON. If set to OFF, broadcast is made only once regardless of the Repeat No. setting.

[4. If Endless is selected...]
Note
This playback method applies to neither the VM-2000 Series nor the VX-2000 Series.

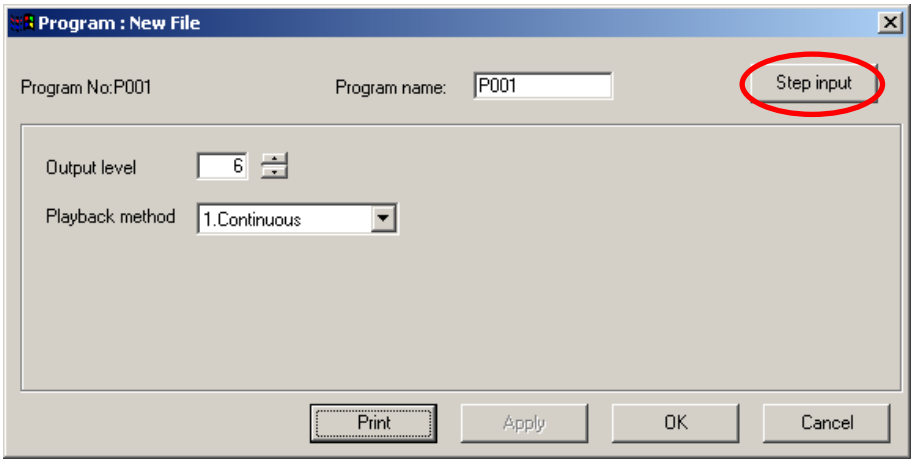


Program name: A name can be entered so that the registered contents can be easily identified later. Use up to 8 characters.
Output level: Set the output volume level (Setting values 1 – 8) for each program. (Refer to p. 29, Tip.)
Play Interval: Set the playback interval between audio files: 0 – 5 seconds in 1-second units.

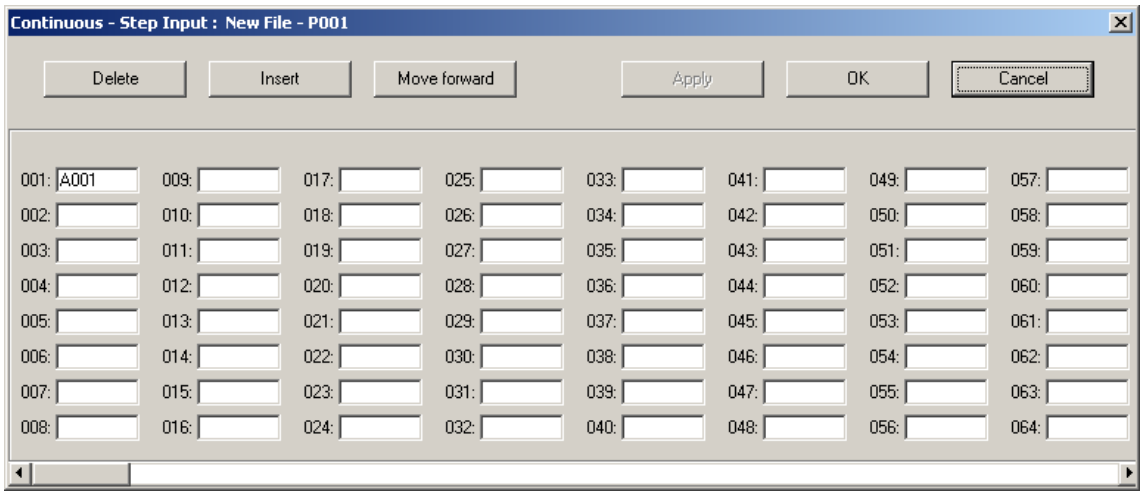
Step 5. Enter the Step. (Except when Endless is selected in **Step 4** above.)

Tip
If the program is set to Endless playback, Steps cannot be entered.

5-1. Click the Step input button on the Program screen.



The Step Input screen for the program number displayed on the Program screen is displayed.



Tip
Numbers 001 – 128 displayed on this screen represent Steps 001 – 128, indicating the playback order in the program.

5-2. Using a PC's keyboard, enter the sentence number (A001 – A128, or A001 – A512 when the maximum sentence number is set to 512) or silent interval (M0.0 – M9.9 or M010 – M127) in each Step input box in playback order to register them.

Tip
Silent intervals can be set in 0.1-second units if less than 10 seconds, and in 1-second units for 10 – 127 seconds.

5-3. Register using the Delete button (deletes by file), Insert button (inserts a space corresponding to one file), and Move forward button (removes all spaces), as required.

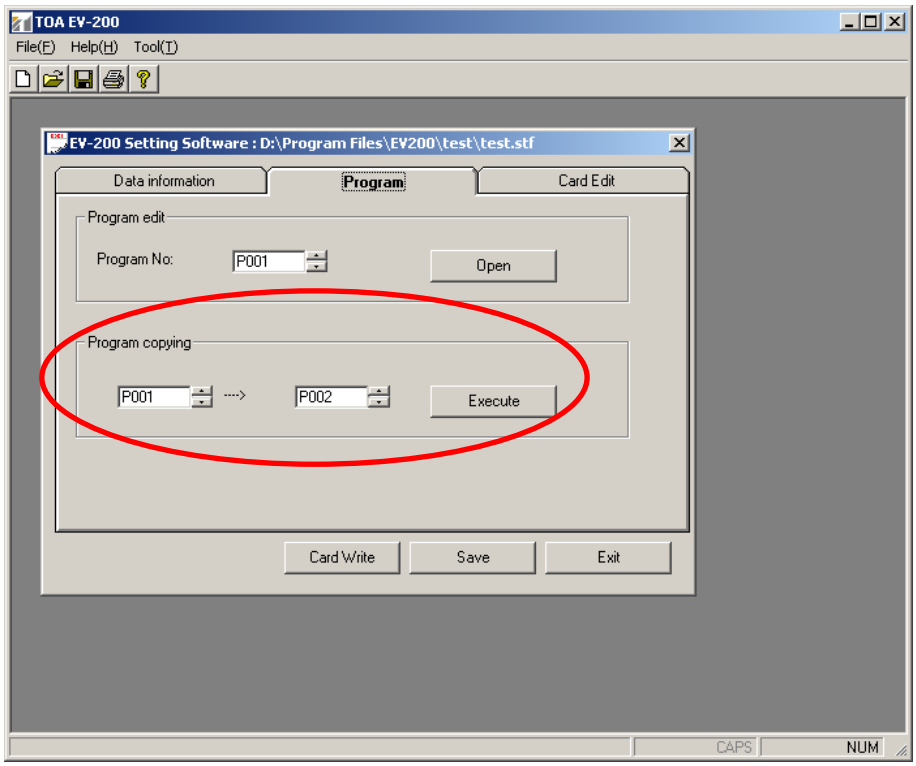
5-4. After input completion of one program, click the OK button.
The Step Input screen is closed.

Step 6. After program input completion, click the OK button on the Program Input screen.
The Program Input screen is closed.

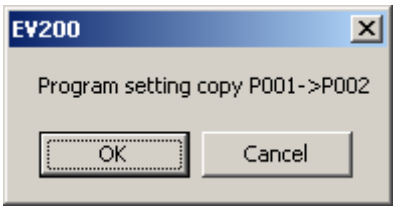
• Copying Programs

Created program can be copied to other programs.
This function is convenient when wishing to register a program of the same contents or register a created program as another program by modifying parts of the program.

Step 1. Designate the program to be copied and the program to copy to in the Program copying frame on the Program screen, then click the Execute button.



The confirmation dialog screen is displayed.



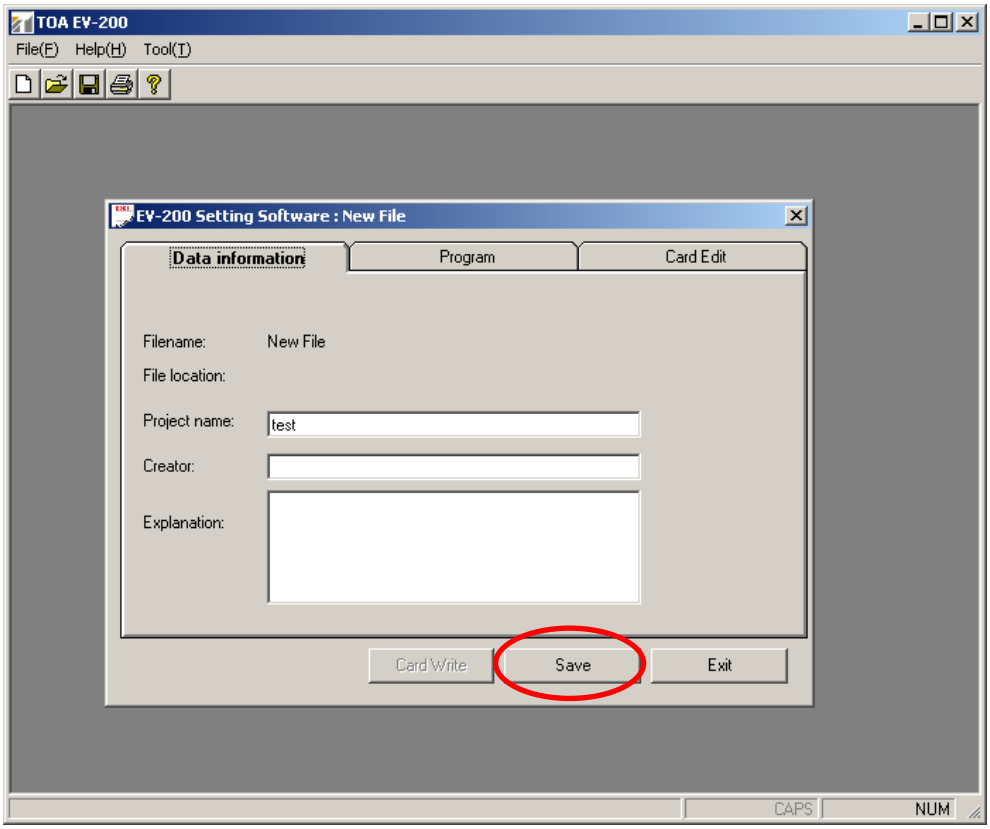
Step 2. Click the OK button.
The program is copied.

10.7. Saving Setting Files

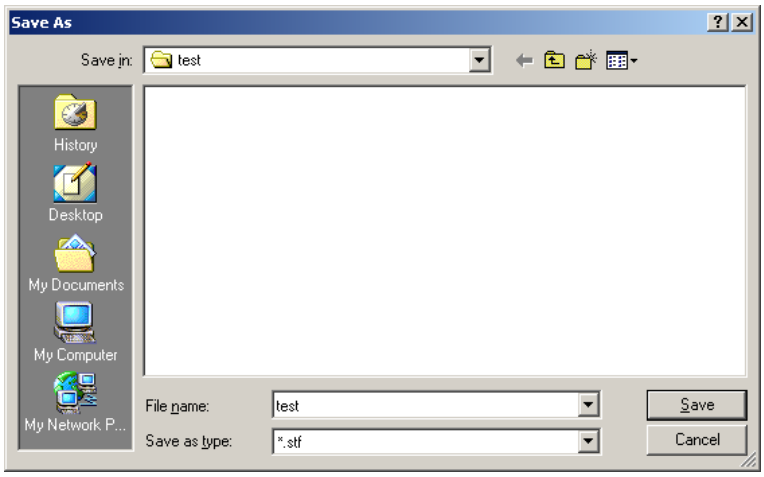
Save the setting files (.stf) in the PC.

Note
Unsaved EV-200 Data Edit Software data can be lost. It is highly recommended that data be continuously saved during the process of editing work.

Step 1. Click the Save button on the Edit screen.



The screen to specify the setting file copy destination and filename is displayed.

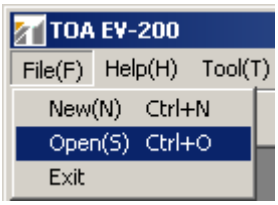


Tips
- The stf file created here is a setting file comprised of project data and program settings. Any preferred filename can be freely used, however it is recommended that the filename be the same as the previously input Project name or related filename.
- The data without project data in the stf file are written to the CF card as a file newly created only in this card and named "EV200.CSV" (a fixed filename). (Refer to p. 7.)

Step 2. Enter the filename and click the Save button.

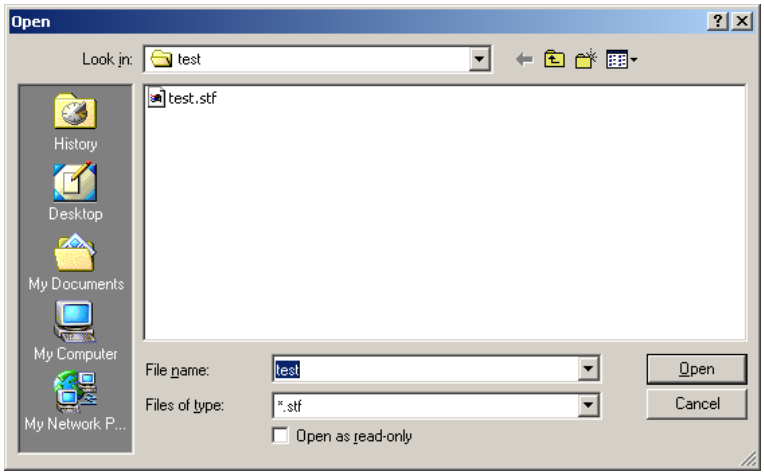
• **Opening Saved Setting Files**

Step 1. Close all screens other than the main screen, then select [File → Open] from the menu bar.

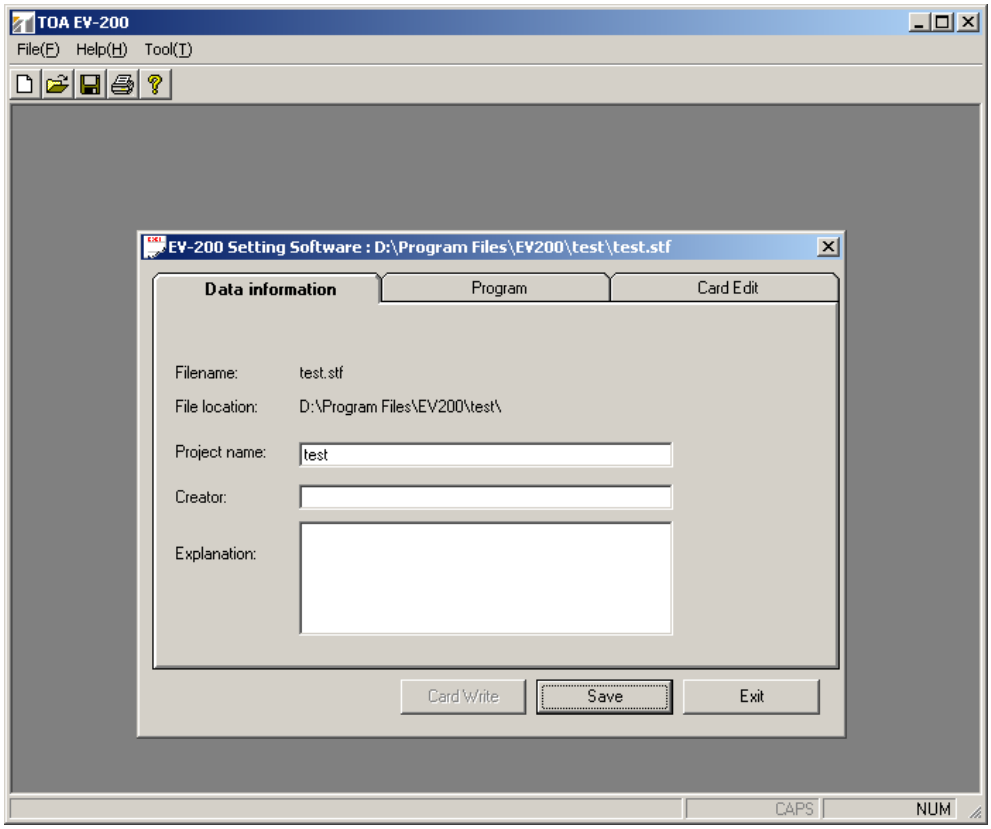


Caution
Multiple project files cannot be simultaneously opened.

The following screen is displayed.



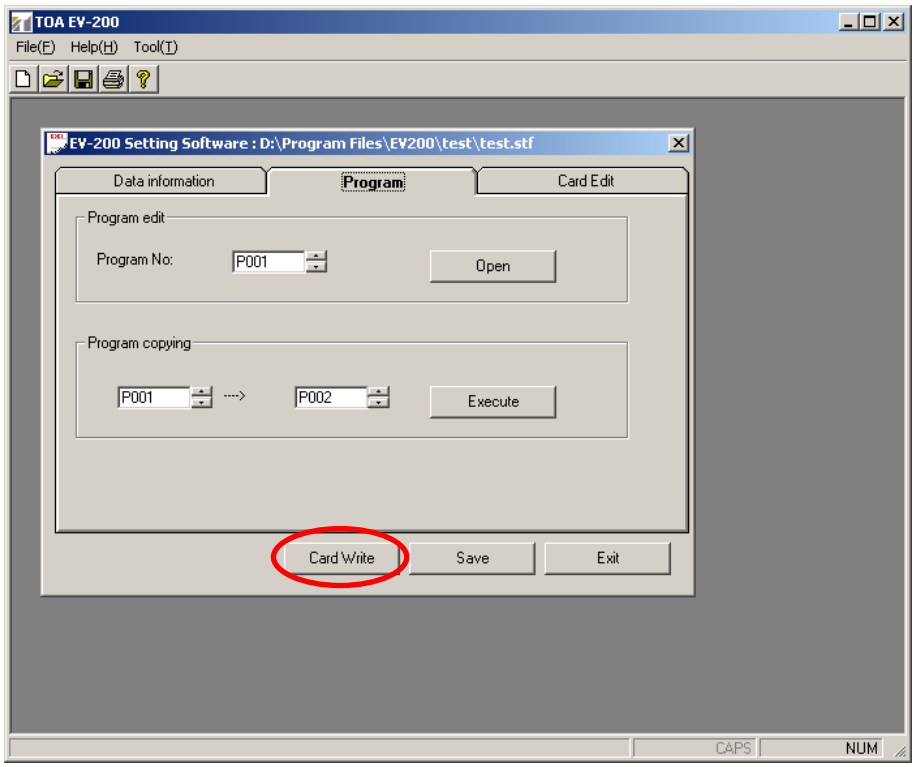
Step 2. Select the desired stf file and click the OK button.
The selected and opened setting file is made ready to edit.



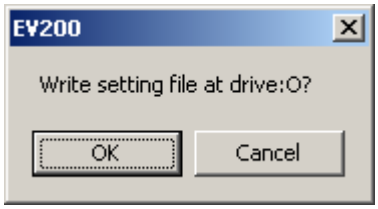
10.8. Writing Data to a CF Card

Write the edited data to the CF card.

Step 1. Click the Card Write button on the Program screen.



The confirmation dialog screen is displayed.



Step 2. Click the OK button.
Writing to the CF card begins.

Note
Depending on the contents and PC environment, writing may take 1 – 2 minutes. During this period of time, the EV-200 Data Edit Software cannot be used. Also, to avoid troubles, do not use other application software for this duration.

An EV200.CSV file (a fixed filename) is created in the CF card.
Then, the confirmation dialog screen is displayed on completion of writing.

Step 3. Click the OK button to complete writing.

[Operation check after writing completion]

After writing is completed, remove the CF card from the PC and check operations at the EV-200 Voice Announcement Board.

Note
To remove the CF card from the PC, operate Windows "Hardware Removal" or press the "Eject" button of the card reader. Please read the Windows' Help or the card reader's instruction manual. Take care that data and hardware may be damaged or destroyed if the CF card is removed from the PC without performing the above operations.

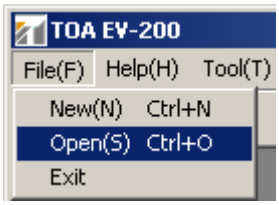
11. EDITING EV200.CSV FILE IN THE CARD

To change the recorded contents in the CF card or to write to other CF card after a part of the original data is changed, copy the EV200.CSV file and the Contents folder to the PC, then edit them using the EV-200 Data Edit Software.

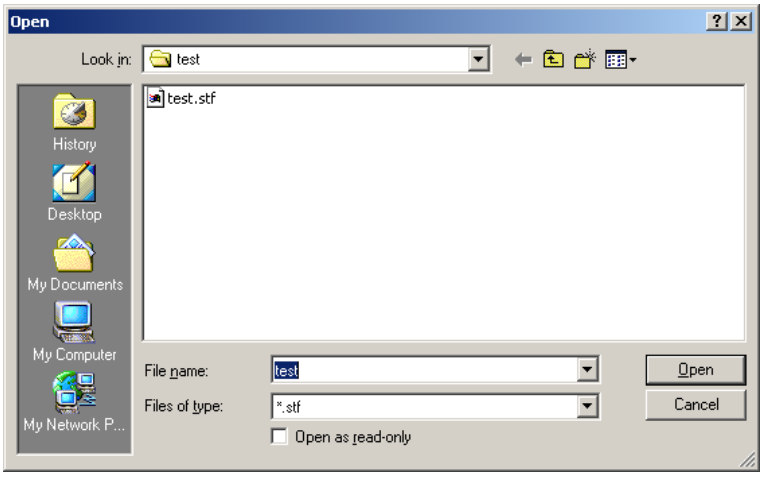
Step 1. Copy the EV200.CSV file and the Contents folder in the CF card to the PC.

Step 2. Start the EV-200 Data Edit Software.

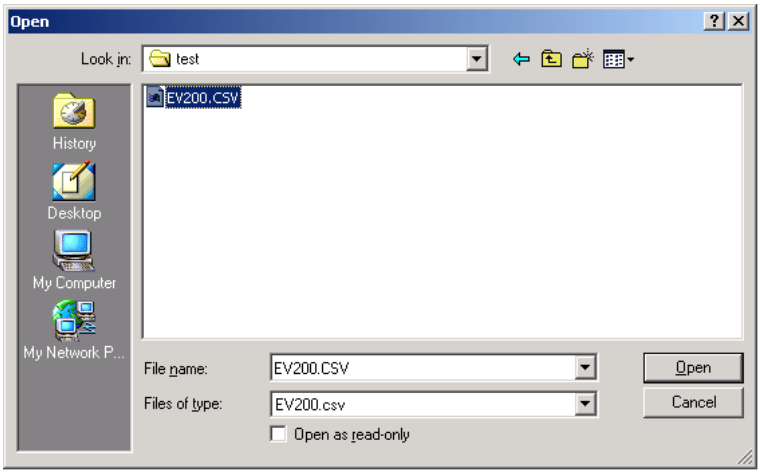
Step 3. Select [File → Open] from the menu bar.



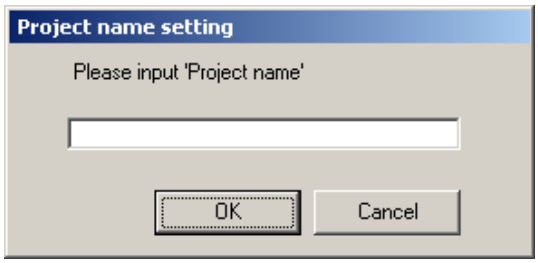
The following screen is displayed.



Step 4. Select "EV200.csv" by pulling down the "Files of type" menu to display the file named EV200.CSV.

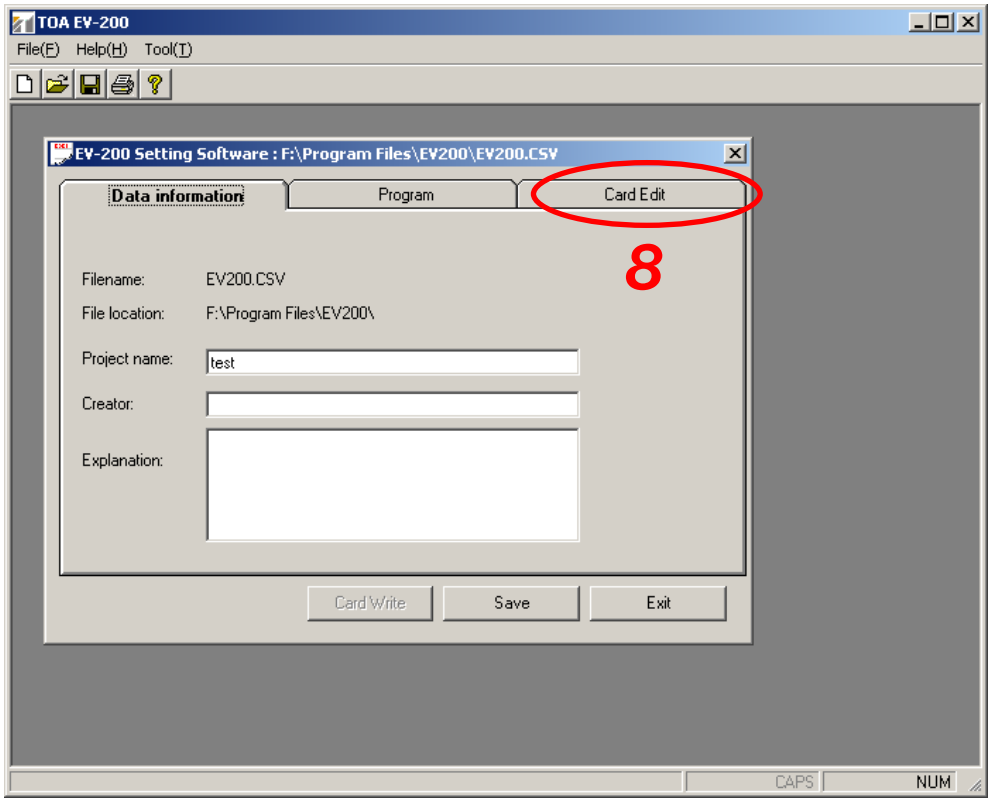


Step 5. Select the EV200.CSV file and click the Open button.
The Project name setting screen is displayed.



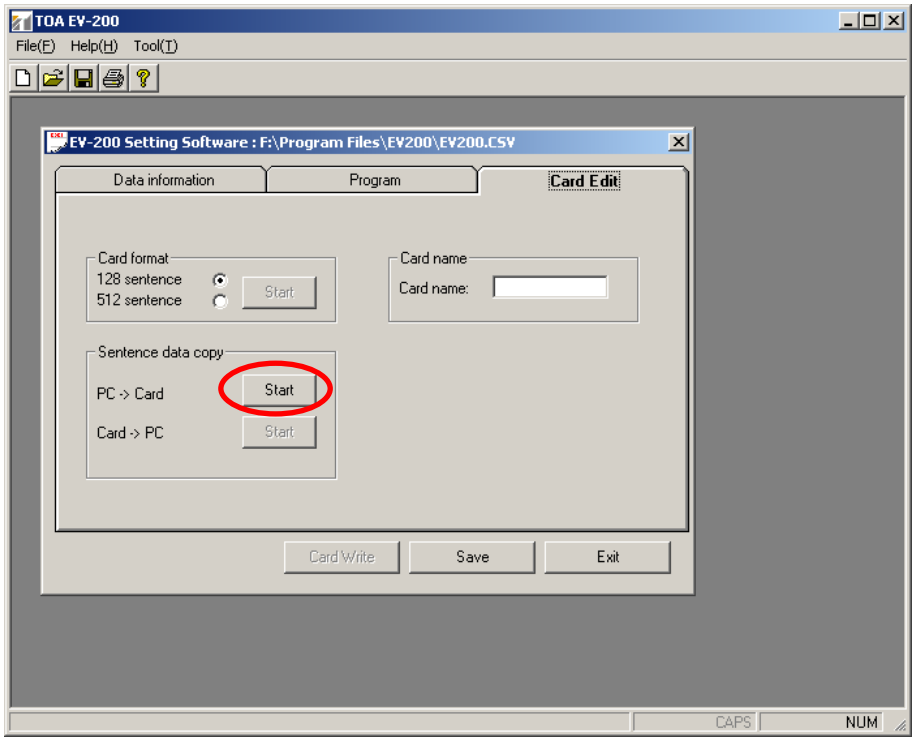
Step 6. Enter a Project name of up to 15 characters in length.

Step 7. Click the OK button.
The Edit screen is displayed.

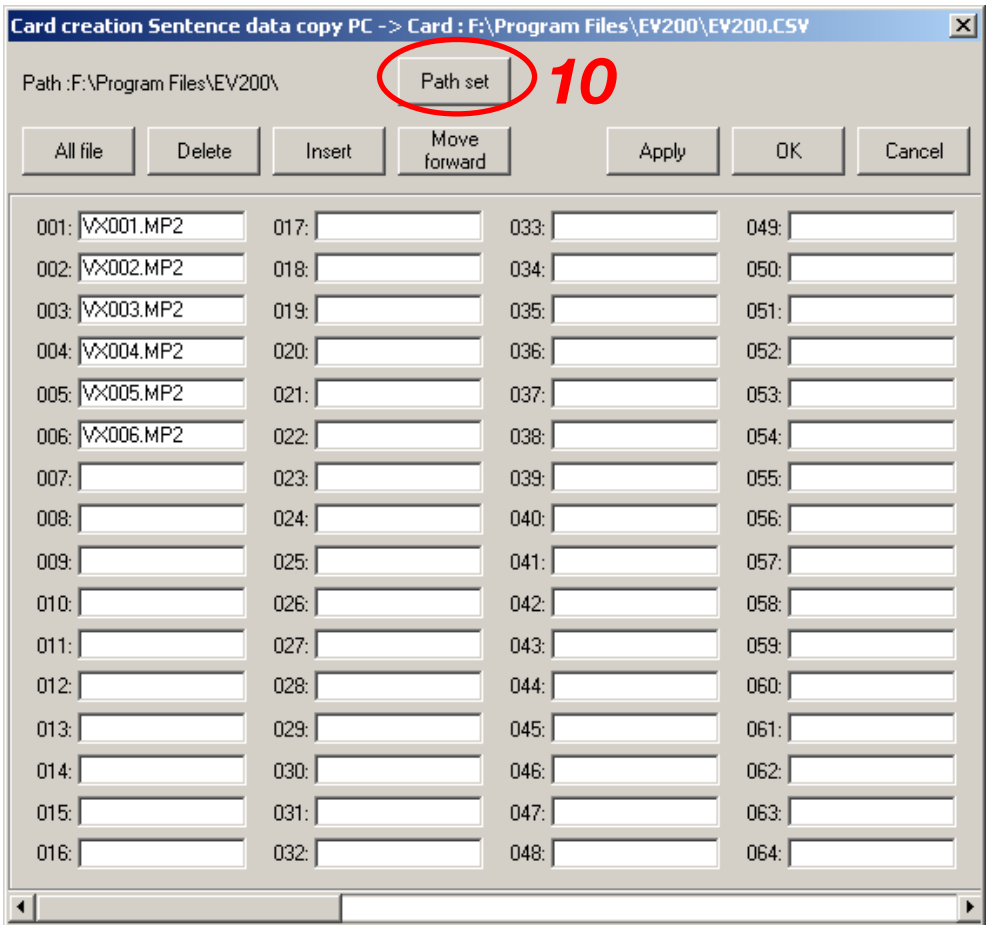


Step 8. Click the [Card Edit] tab.
The Card Edit screen is displayed.

Step 9. Click the Start button for [PC → Card] in the Sentence data copy frame on the Card Edit screen.



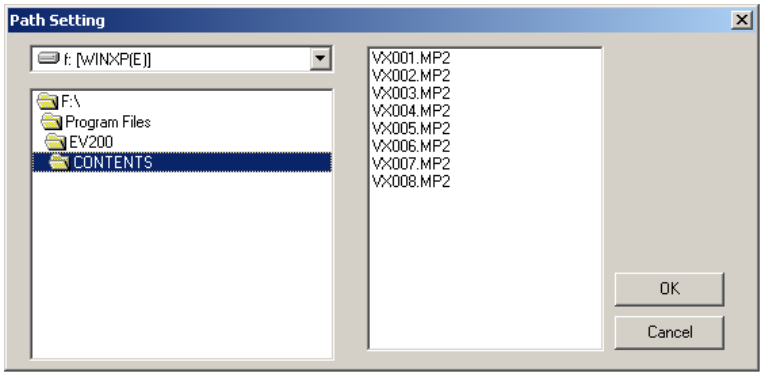
The Audio File Registration screen is displayed.



Step 10. Click the Path set button to access the folder in which the audio files are stored.

Note
Editing the EV200.CSV file in the CF card requires the path to be reset.

The Path setting screen is displayed.



Step 11. Select the Contents folder in which the audio files (.MP2) are stored, and click the OK button.
The Path setting screen closes.

Step 12. Edit the registered contents.

Note
When new audio files are to be used and edited, prepare them (.MP2) separately and copy to the Contents folder in advance.

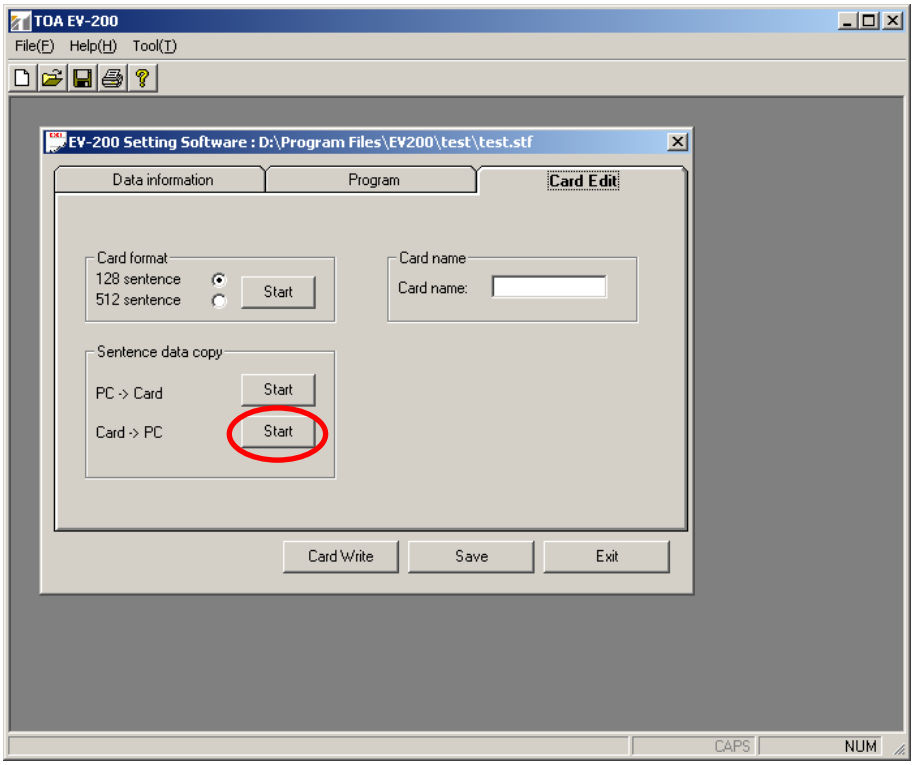
Step 13. Perform writing to the CF card. (Refer to p. 37.)

Tip
The edited files can also be saved in the PC as a setting file (.stf).

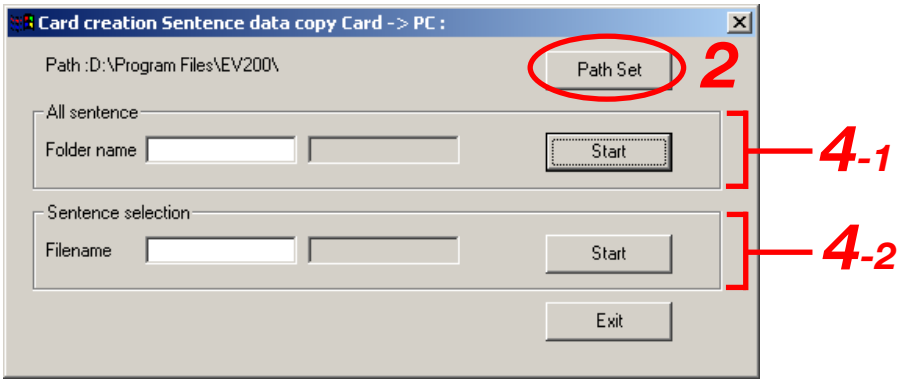
12. READING THE CARD

Audio files written to a CF card as sentences can be loaded into the PC for use.

Step 1. Click the Start button for [Card → PC] in the Sentence data copy frame on the Card Edit screen.

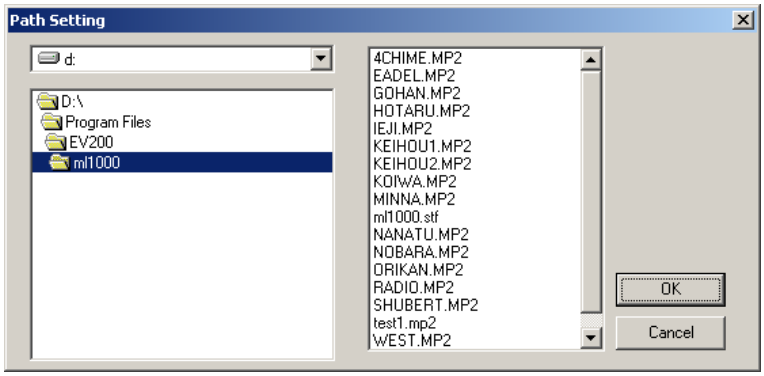


The dialog screen is displayed.



Step 2. Click the Path Set button.

The Path setting screen is displayed to enable the save destination of the audio file to be set.



Step 3. Select the save destination folder, then click the OK button.
The Path setting screen closes.

Step 4. Designate the audio file(s) to be copied.
Enable the All sentence frame when copying all audio files in the card, and the Sentence selection frame when copying individual audio files.

4-1. If copying all audio files in the card...
Enter the new folder name of the save destination in the Folder name box, then click the Start button in the All sentence frame.
The new folder is created in the folder designated in **Step 3** above, and all files are copied here.

4-2. If copying a single audio file...
Enter the filename (xxxx.MP2, the same name as the filename in the card) of the audio file to be saved in the Filename box, then click the Start button in the Sentence selection frame.
The audio file is copied to the folder designated in **Step 3**.

Note
Depending on the writing contents and PC environment, writing may take 1 – 2 minutes. During this period of time, the EV-200 Data Edit Software cannot be used. Also, to avoid troubles, try not to use other application software for this duration.

13. COPYING THE CARD

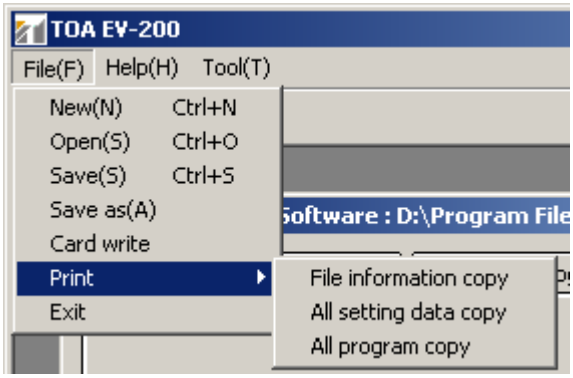
The EV-200 Data Edit Software is not equipped to copy the CF card. To copy the CF card contents, execute the Windows' file copy function. To perform file copy, copy all data in the CF card to the PC's hard drive, and save them in the formatted CF card to be copied to.

Note
When copying files, do not change the writing data, folder name or folder structure. If the folder's name or structure is changed, the EV-200 Voice Announcement Board cannot identify the CF card.

14. PRINTING

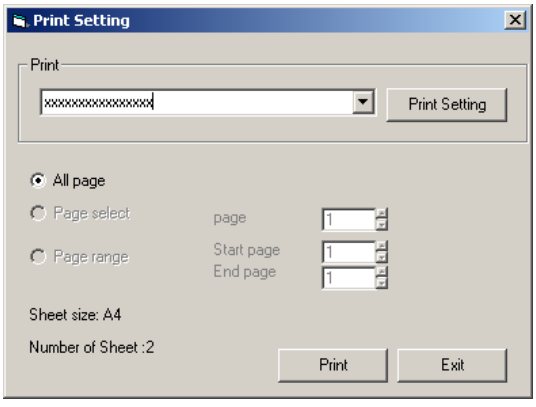
Setting contents edited with the EV-200 Data Edit Software can be printed out.

Step 1. Select [File → Print] from the menu bar.



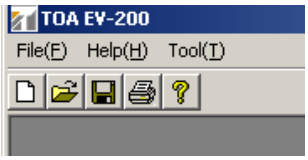
Step 2. Select the item to be printed.

File information copy: Prints project names and other administrative data input, and lists of registered audio files.
All setting data copy: Prints all data, including project names and other administrative data input, lists of registered audio files, and edited contents of all programs.
All program copy: Prints the edited contents of programs (all 64 programs).

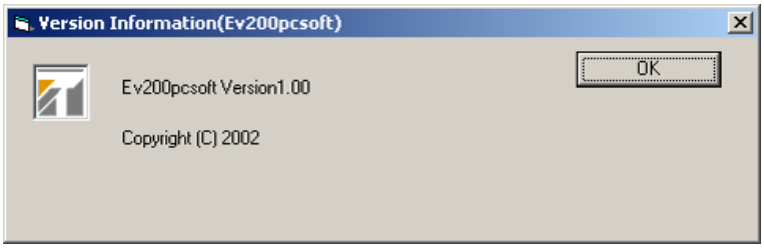


15. SOFTWARE VERSION NUMBER CONFIRMATION

Select Help in the menu bar to confirm the version number of the EV-200 Data Edit Software.

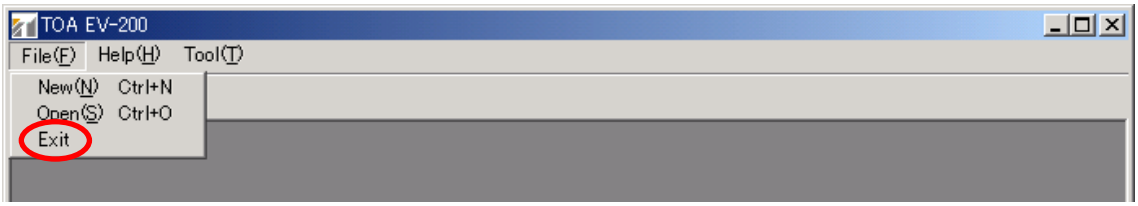


The dialog screen is displayed. Click the OK button after confirming.



16. EXITING THE SOFTWARE

To exit the EV-200 Data Edit Software, either click the Close button at the top right of the main screen or select [File → Exit] from the menu bar.

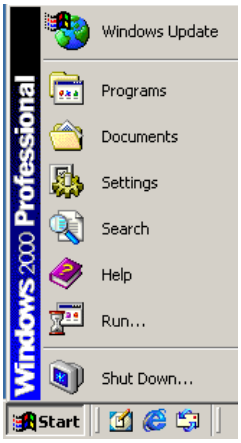


Note
Be sure to click the Save button on the edit screen to save edited data before exiting the EV-200 Data Edit Software. If the program is exited without saving, all created or edited program data will be lost.

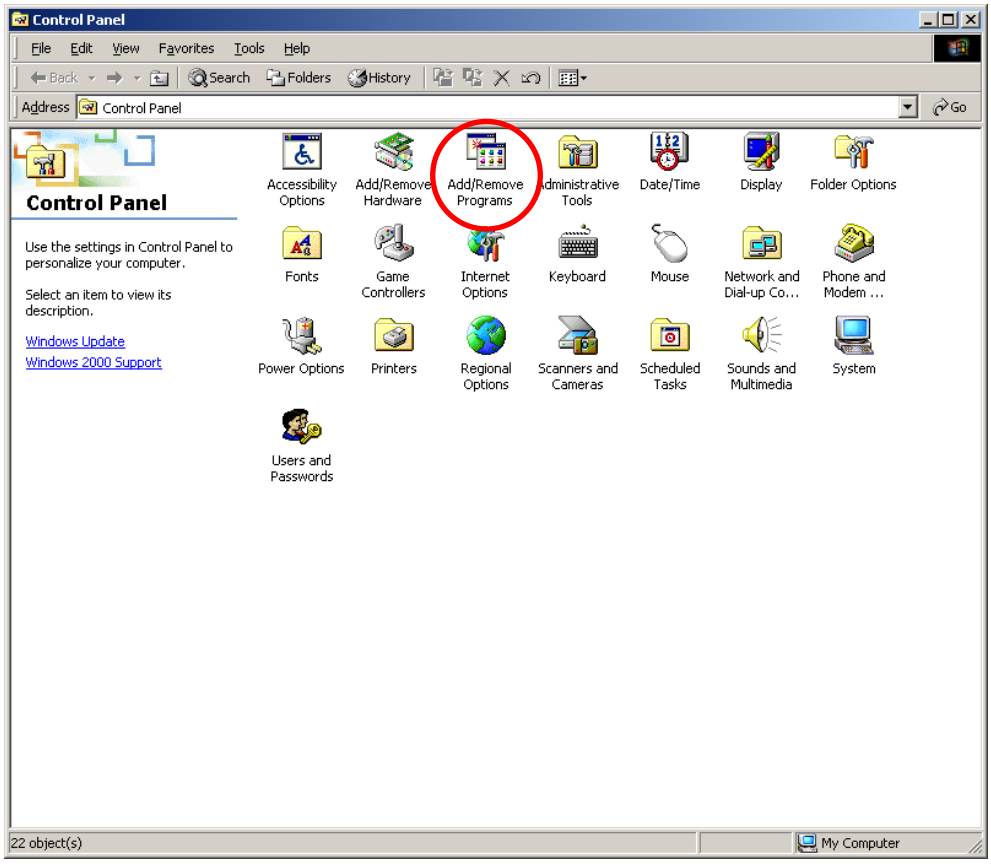
17. SOFTWARE UNINSTALLATION

Follow the procedure below to uninstall the EV-200 Data Edit Software.

Step 1. Click the Start button on the PC screen (usually located at the lower left of the screen), then select [Settings → Control Panel].

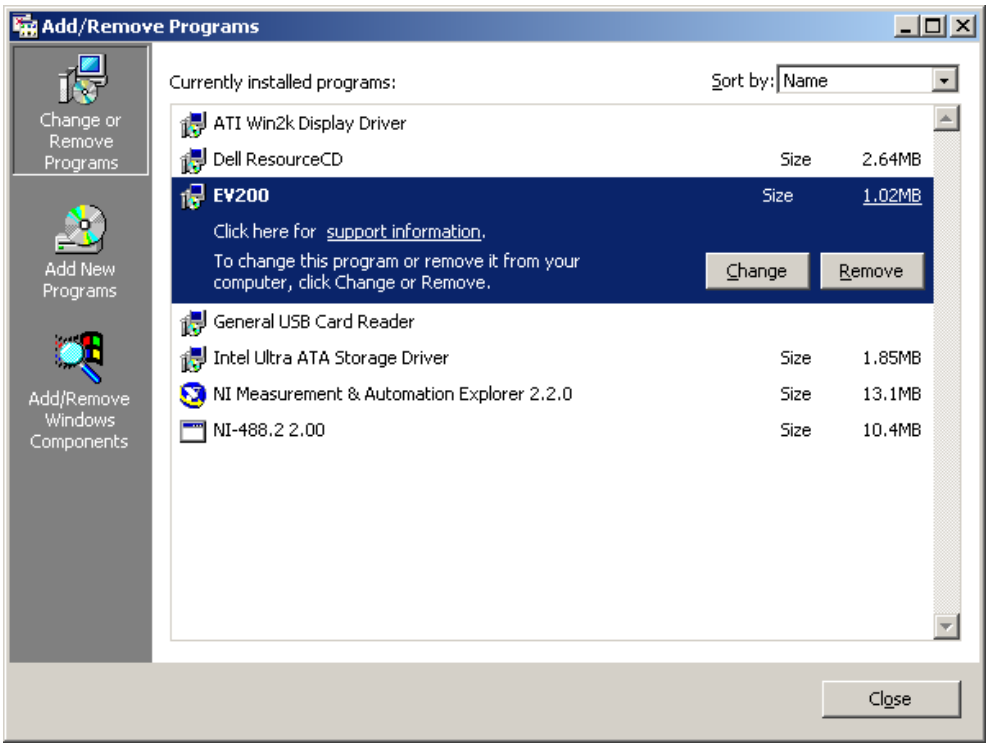


The following screen is displayed.



Step 2. Double-click the Add/Remove Programs icon.

The following screen is displayed.



Step 3. Select EV200 and click the Remove button.
The EV-200 Data Edit Software is uninstalled.

Tip
The EV-200 Data Edit Software can also be uninstalled by double-clicking the "EV200.msi" file used to install the Software. Follow the instructions on the Wizard screen to proceed with operation after double-clicking.