DJ-V57 Clone Utility

User's Manual

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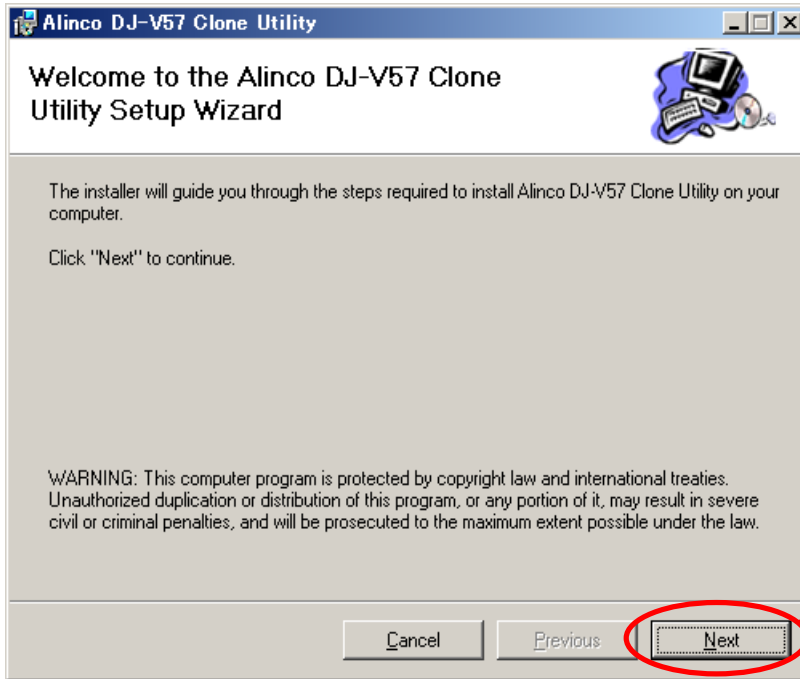
1 Installation

To install DJ-V57 Clone Utility on your computer, follow the steps below:

Step 1: Run DJ-V57 Clone Utility Install Package.

Step 2: Click on Next to continue.

Step 3: Select "I Agree" Option then click on Next to continue.
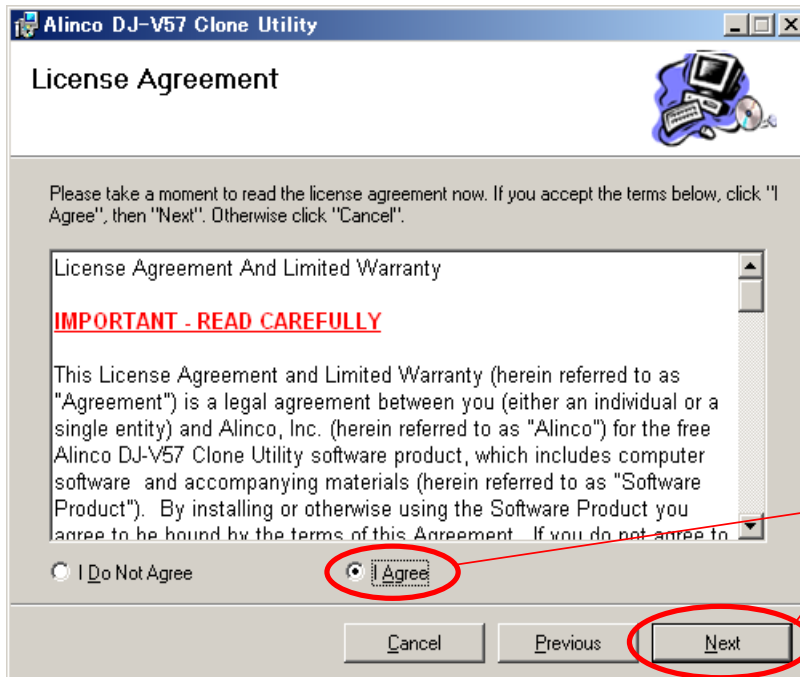
Step 4: Enter your name and organization, then click on Next to continue.

Step 5: Select installation folder, then click on Next to continue.

Step 6: Click on Next on the next window to start the installation.

Step 7: When the "Installation Complete" window appears, click on Close to finish the installation.

2 Getting Started

2.1   Starting the Application

DJ-V57 Clone Utility can be started by one of two ways below:

-   Double - click on the following icon on your desktop.

-   Run the software from Start ⇒ Alinco ⇒ DJ-V57 Clone Utility.
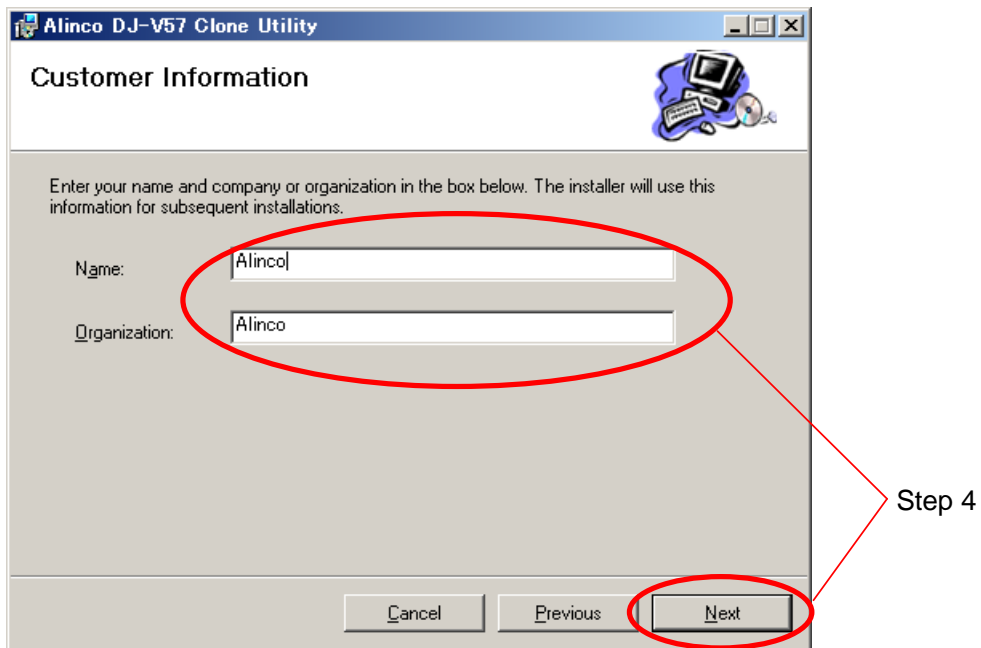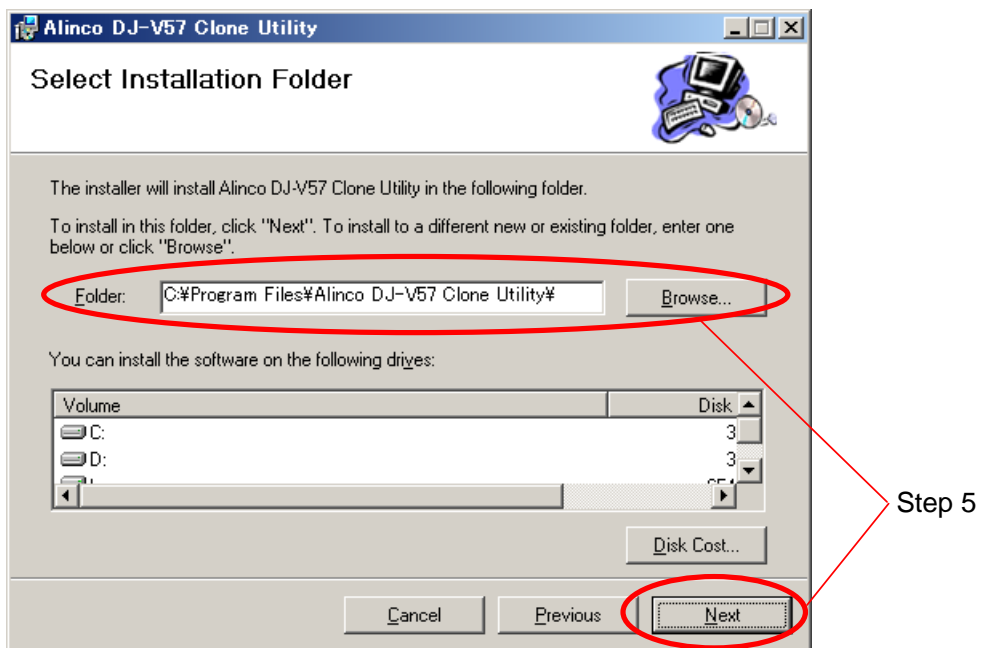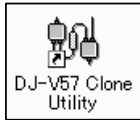
After starting the application, the following window appears (The version maybe different).
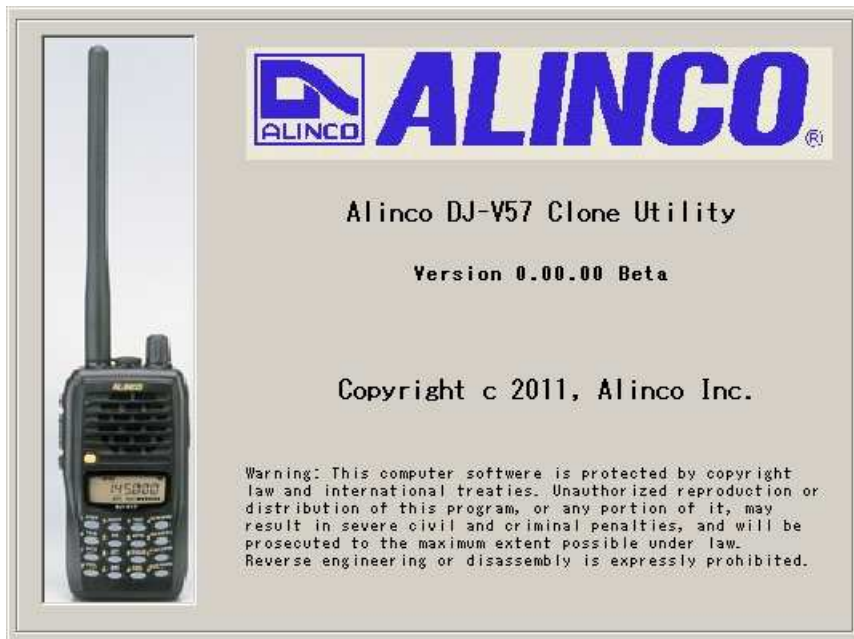
After a couple of seconds, the following window appears.

	Frequency	Step	Tone	TxTone	RxTone	TxDCS	RxDCS	Shift	ShiftFreq.	RPT	PWR	MID	ATT	BSV	Clock	BCLO	BW
VFO	145.0000	5KHz	None	88.5Hz	88.5Hz	023	023	None	0.6000	Off	Lo	05	Off	BS-1	Off	Off	Normal
CALL	145.0000	5KHz	None	88.5Hz	88.5Hz	023	023	None	0.6000	Off	Lo	05	Off	BS-1	Off	Off	Normal
RPT			Tone	88.5Hz	88.5Hz	023	023	-Shift	0.6000								
PH																	
PL																	
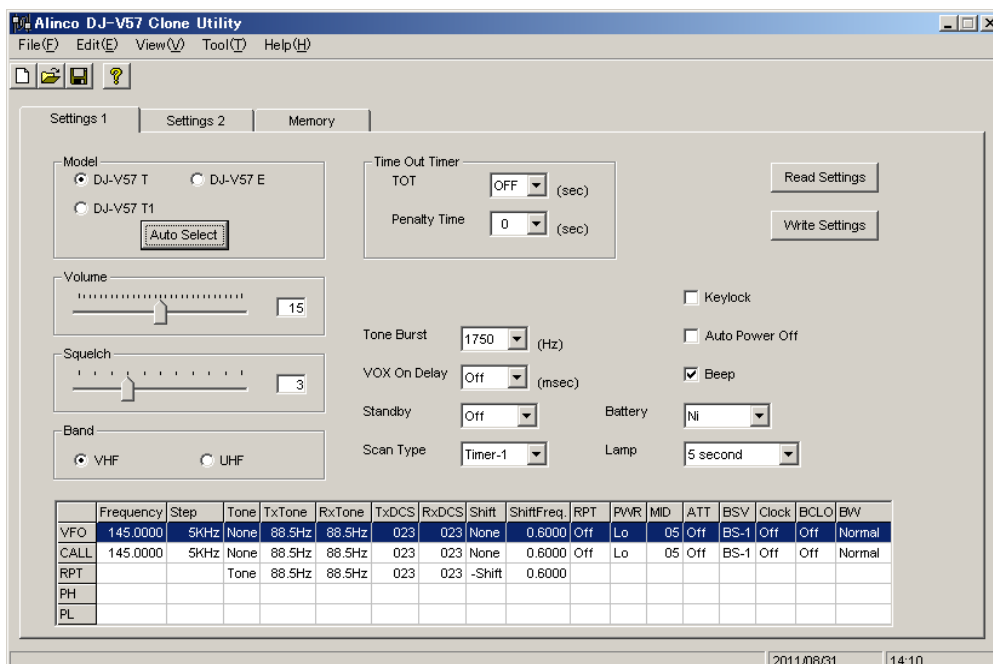
2.2   Connecting DJ-V57 unit

2.2.1 Setting COM port

Make sure that the COM port is set before connecting DJ-V57 unit.

Click on menu "Tool" ⇒ "COM Port Setup" to set the COM port.

Select the COM port number which is used to connect DJ-V57 unit on the below window,

then click on OK to finish the setting.

2.2.2 Connecting DJ-V57 unit

Follow the steps below, make sure that DJ-V57 unit is turned off before connecting.
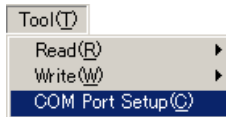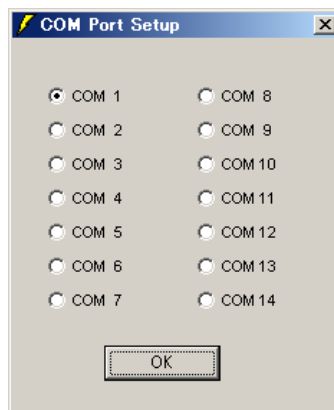
Step 1: Connect the EDS-14 conversion cable to the Microphone/Speaker jack on DJ-V57 unit.

    * Be sure to securely screw the plug all the way down to the bottom of the jack.

Step 2: Connect the ERW-7 stereo plug to the Microphone jack (φ2.5) of EDS-14 using a

    provided conversion plug as shown in **Appendix-1 EDS-14 and ERW-7 connection**.

Step 3: Turn on DJ-V57 unit.

Step 4: Press the PTT key three times while holding down the MONI key of DJ-V57 unit.

Step 5: Release both keys when "CLONE" is displayed on the LCD of DJ-V57 unit.

DJ-V57 unit is ready to send/ receive the Settings/ Memory data from DJ-V57 Clone Utility.

2.2.3 Selecting Model

Be sure that the model of DJ-V57 unit is selected on DJ-V57 Clone Utility before modifying

or writing the Settings/ Memory.

Click on the radio button or "Auto Select"

to select the model of DJ-V57 unit.
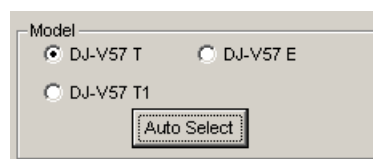
2.3   Initializing Settings and Memory

Settings and Memory can be initialized by one of the following three methods.

Method 1: Click on menu "File" ⇒ "New" or click on the icon ▢   (New file) on Toolbar to

create a new file.

Settings and Memory is initialized to the factory default settings.

Method 2: Read Settings and Memory from DJ-V57 unit.

Click on menu "Tool" ⇒ "Read" ⇒ "Settings" or Click on "Read Settings" button on the tab

"Settings 1" or "Settings 2" window to read Settings from DJ-V57 unit.

Click on menu "Tool" ⇒ "Read" ⇒ "Memory" or Click on "Read Memory" button on the tab

"Memory" window to read Memory from DJ-V57 unit.

Click on menu "Tool" ⇒ "Read" ⇒ "All" to read both Settings and Memory from DJ-V57 unit.

While DJ-V57 unit is sending data to DJ-V57 Clone Utility, "SD ***" is displayed on the

LCD of DJ-V57 unit. | 5Ɖ ✴✴✴ | | P.�A55 |

After finishing the data transfer successfully, "PASS" is displayed on the LCD of DJ-V57

unit and Settings and Memory are displayed on DJ-V57 Clone Utility window.

* While "PASS" is displayed on the LCD, DJ-V57 unit is ready to send/ receive the Settings/

Memory data from DJ-V57 Clone Utility.

*After the cloning is done, turn off the unit by pressing the ⏻ key and remove the cable.

* Stop moving the "SD***" on the display means that the cloning is failed. Please refer to

section **3 Troubleshooting** to solve the problem.

⚠️ **Caution**
**Don't disconnect the cable during data transmission. If you disconnect the
cable at this time, data transmission is aborted.**

Method 3: Open/ Import Settings and Memory from a file.

Click on menu "File" ⇒ "Open" or Click on the icon 📂 (Open file) on the Toolbar to open

Settings and Memory from a "*.V57" file. ("*.V57" file is explained later).

Click on menu "File" ⇒ "Import" to import Memory from a "*.CSV" file.
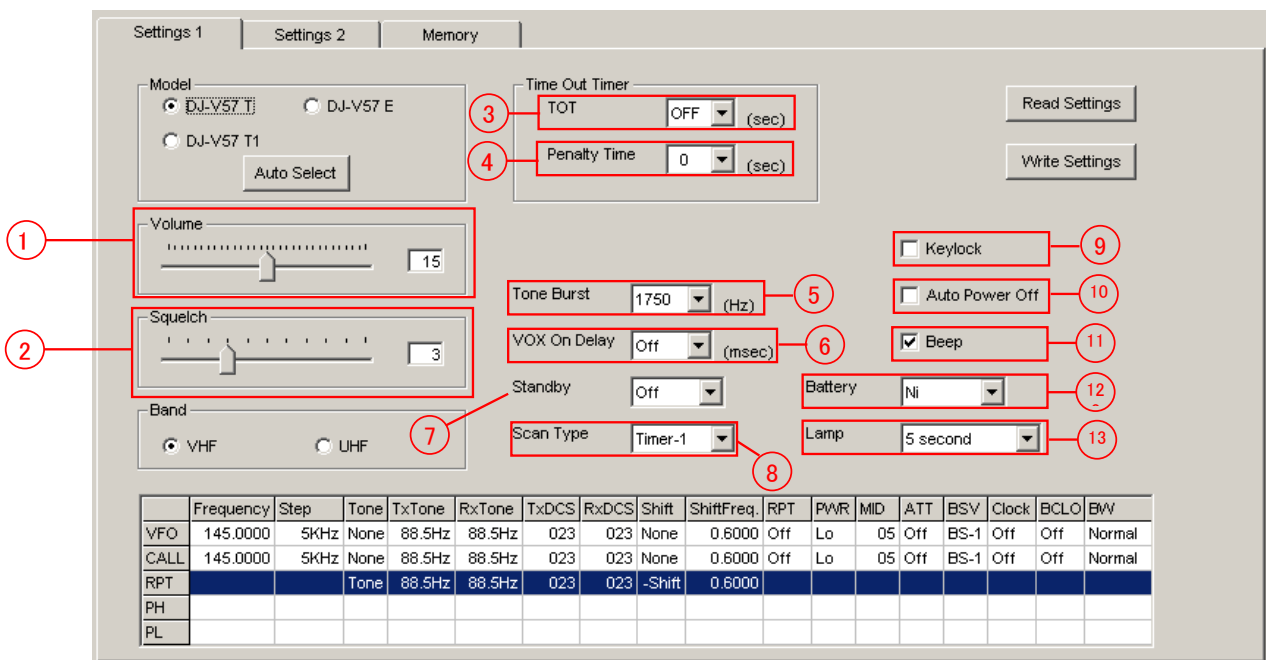
("*.CSV" file is explained later).

2.4   Modifying Settings and Memory
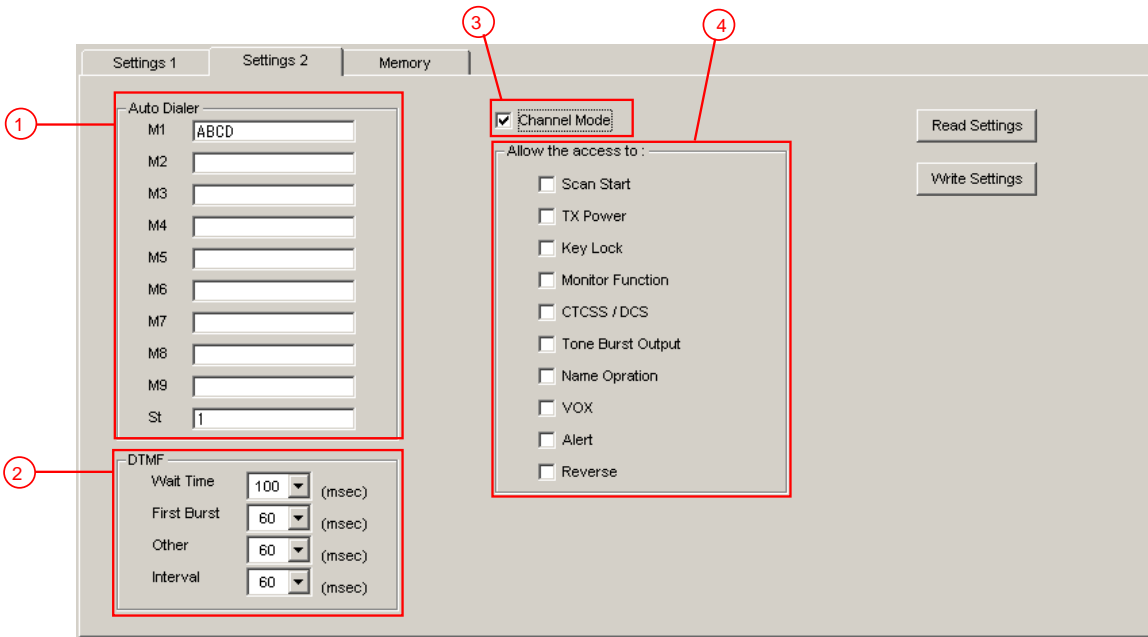
2.4.1 Modifying Settings

The following operational parameter can be modified on the tab "Settings 1" window which

is shown on the next page.

① Volume	⑤ Tone Burst Frequency	⑨ Key lock	⑬ Lamp time
② Squelch level	⑥ Vox delay time	⑩ Auto Power Off	
③ Time Out Timer	⑦ Standby	⑪ Beep On/ Off	
④ Penalty Time	⑧ Scan Type	⑫ Battery type	

The following operational parameters can be modified on the tab "Settings 2" window

which is shown on the next page.

① Auto dialer memory number 1 ~ 9 and St memory.

② Setting parameters for DTMF.

③ Channel mode operation setting.

④ When Channel mode is set, check the options to be enabled in Channel mode.

2.4.2 Modifying Memory

2.4.2.1   Modifying VFO Memory

Double - click on any row of the table shown on tab "Settings 1" window to modify VFO

Memory (VFO, CALL, Repeater, PH and PL channel).

	Frequency	Step	Tone	TxTone	RxTone	TxDCS	RxDCS	Shift	ShiftFreq.	RPT	PWR	MID	ATT	BSV	Clock	BCLO	BW
VFO	145.0000	5KHz	None	88.5Hz	88.5Hz	023	023	None	0.6000	Off	Lo	05	Off	BS-1	Off	Off	Normal
CALL	145.0000	5KHz	None	88.5Hz	88.5Hz	023	023	None	0.6000	Off	Lo	05	Off	BS-1	Off	Off	Normal
RPT			Tone	88.5Hz	88.5Hz	023	023	-Shift	0.6000								
PH																	
PL																	

* Click on the radio button "VHF" or "UHF" to switch between VHF and UHF VFO Memory.
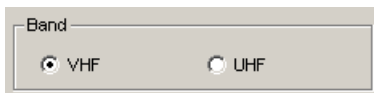
2.4.2.2   Modifying Common Memory

Double - click on any row of the table shown on tab "Memory" window to modify a common

memory (Memory channel number 0 ~ 199, D0 ~ D9).

	Frequency	Step	Tone	TxTone	RxTone	TxDCS	RxDCS	Shift	ShiftFreq.	RPT	PWR	MID	ATT	BSV	Clock	BCLO	BW	Name	
0																			
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Note: Refer to **Appendix-2 Modify Memory Channel Parameter window description** for details.

2.5   Writing Settings and Memory

2.5.1 Creating a backup

Before writing Settings and Memory to DJ-V57 unit, it is recommended to create a backup of

the present Settings and Memory data.

Follow the steps below to create a backup of the present Settings and Memory data:

Step 1:   Read Settings and Memory data from DJ-V57 unit to DJ-V57 Clone Utility by referring

to Method 2 in section **2.3 Initializing Settings and Memory**.

Step 2:   Save Settings and Memory data by referring to section **2.6 Save Settings and Memory**.
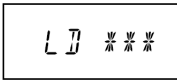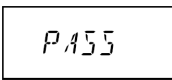
2.5.2 Writing Settings

Click on menu "Tool" ⇒ "Write" ⇒ "Settings" or click on "Write Settings" button on tab "Settings 1"

or "Settings 2" window to write Settings to DJ-V57 unit.

2.5.3 Writing Memory

Click on menu "Tool" ⇒ "Write" ⇒ "Memory" or Click on "Write Memory" button on tab "Memory"

window to write Memory to DJ-V57 unit.

Notes:

* Click on menu "Tool" ⇒ "Write" ⇒ "All" to write both Settings and Memory to DJ-V57 unit.

* While DJ-V57 unit is receiving data from DJ-V57 Clone Utility, "LD ***" is displayed on the

LCD of DJ-V57 unit. | LD *** | | PASS |

* After finishing the data transfer successfully, "PASS" is displayed on the LCD of DJ-V57 unit.

* While "PASS" is displayed on the LCD, DJ-V57 unit is ready to send/ receive the Settings/

Memory data from DJ-V57 Clone Utility.

* After the cloning is done, turn off the unit by pressing the ⏻ key and remove the cable.

* Stop moving the LD*** on the display means that the cloning is failed. Please refer to

section **3 Troubleshooting** to solve the problem.

⚠ **Caution**
**Don't disconnect the cable during data transmission. If you disconnect the
cable at this time, data transmission is aborted.**

2.6   Saving Settings and Memory

2.6.1 Saving Settings and Memory to a "*.V57" file

The file with "*.V57" is created by DJ-V57 Clone Utility software to save Settings and Memory

of DJ-V57 unit.

Click on menu "File" ⇒ "Save" or click on the icon![icon] on the Toolbar to save the current Settings

and Memory to a "*.V57" file.

2.6.2 Saving Memory to a "*.CSV" file

All memory data including VFO Memory and Common Memory can be saved into a "*.CSV" file.

Click on menu "File" ⇒ "Export" to save the current VFO and Common Memory to a "*.CSV" file.

3 Troubleshooting

Check this section if there's an error message appears while DJ-V57 Clone Utility is running and

DJ-V57 unit is connecting to the computer.

Error 1:   Communication error.

⇒ Check the COM port setting and the connection between DJ-V57 unit and the computer.

Turn off DJ-V57 unit and repair the connection. (Refer to section **2.2 Connecting DJ-V57 unit**).

Error 2:   Model is not correct.

⇒ Select the model of DJ-V57 unit (Refer to section **2.2.3 Selecting Model**).

Error 3:   "ERROR" is displayed on the LCD of DJ-V57 unit.

⇒ Turn off DJ-V57 unit and repair the connection. (Refer to section **2.2 Connecting DJ-V57 unit**).

Error 4:   "NO MR" is displayed on the LCD of DJ-V57 unit.

⇒ This error appears when the channel mode is set while all the common memory channels are

empty. (No common memory is programmed).

While "NO MR" is display on the LCD, DJ-V57 unit can send/ receive Settings and Memory

from DJ-V57 Clone Utility.

Therefore, to measure this error, connect DJ-V57 unit with DJ-V57 Clone Utility, then write

Memory (Refer to section **2.5.2 Writing Memory**) to DJ-V57 unit.
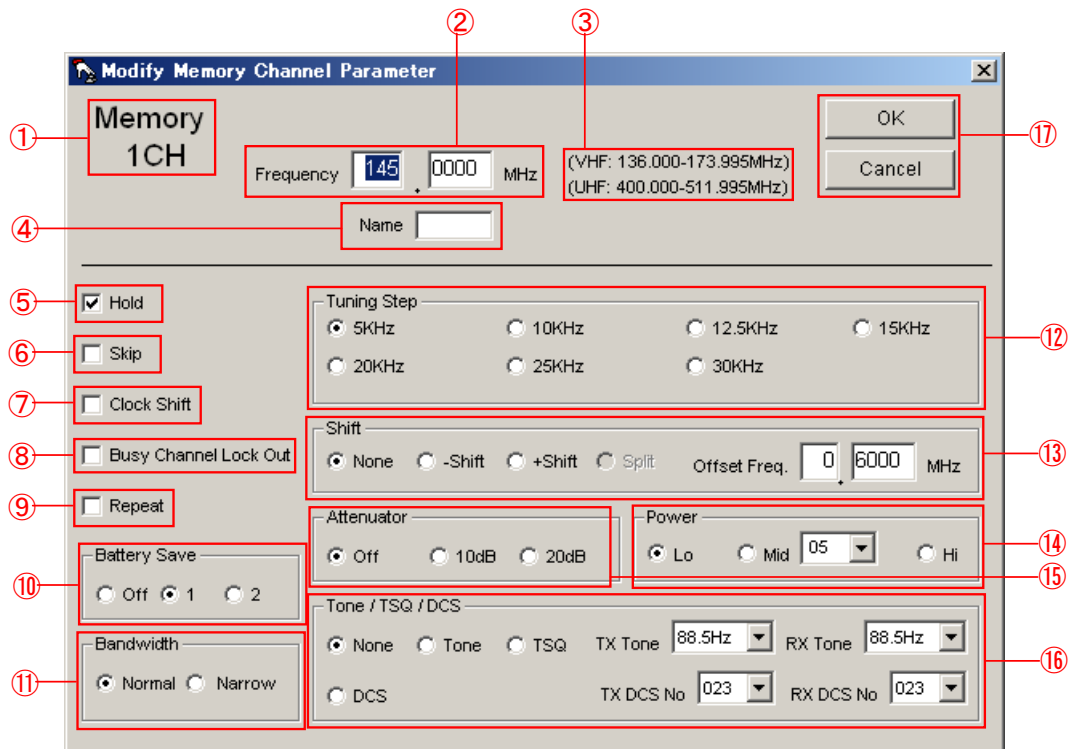
Error 5:   Stop moving "SD ***" or "LD ***" is displayed on the LCD of DJ-V57 unit.

⇒ Turn off DJ-V57 unit and repair the connection. (Refer to section **2.2 Connecting DJ-V57 unit**).

Appendix-1 EDS-14 and ERW-7 connection.

Appendix-2 Modify Memory Channel Parameter window description

① Memory channel number

    Display number of the memory channel which is modified.

② Frequency input

    Input frequency of memory channel.

    * Input value must be within frequency range.

    * If input value is out of frequency range, frequency is initialized to default value.

③ Frequency range

    Display frequency range.

    * Frequency range is different due to the model of DJ-V57 unit.

④ Name input

    Input name of memory channel if you wish memory channel is displayed with alphanumeric characters

    instead of conventional frequency.

⑤ Hold

    Select this option if you wish to use the present parameters to modify other blank memory channels.

⑥ Skip

    Select this option if you wish to skip memory channel during the memory-scan.

⑦ Clock Shift

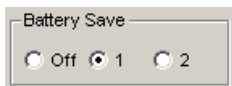Select this option if you wish to turn on clock shift.

⑧ Busy Channel Lock Out

Select this option if you wish to turn on busy channel lock out.
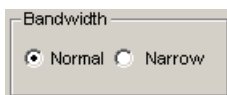
⑨ Repeat

Select this option if you wish to set memory channel to repeater mode.
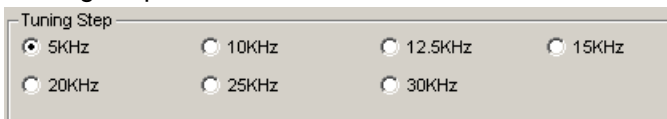
⑩ Battery Save

Set battery save operation of memory channel.

⑪ Bandwidth

Select the deviation width of FM.

⑫ Tuning Step

Select tuning step of memory channel.

* Unless "Hold" option was selected in the previous modification, tuning step selection is disabled

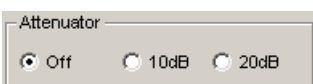on common memory channel modification.

⑬ Shift

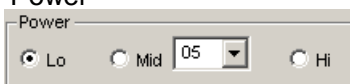Set shift operation and input shift frequency of memory channel.

* Split function can't be used in the Memory mode and Call mode.
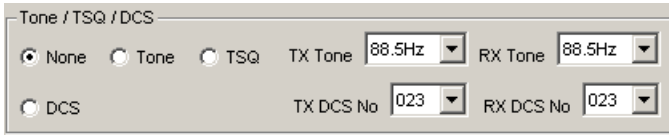
⑭ Attenuator

Set attenuator operation of memory channel.

⑮ Power

Set transmission output level of memory channel.

⑯ Tone/ TSQ/ DCS

Set Tone/ TSQ/ DCS operation and select Tx and Rx tone/ DCS number.

* By using DJ-V57 Clone Utility, separate DCS number can be set for encode/ decode.

⑰ OK/ Cancel

Click on "OK" to confirm and finish the modification.

Click on "Cancel" to quit the modification.