

Appendix C - User's Manual

POWER OF ATTORNEY

DATE : Oct. 8, 2002

Federal Communications Commission
Authorization and Evaluation Division
7435 Oskland Mills Road

Columbia, MD 21046

To Whom It May Concern :

We the undersigned, hereby authorize TIMCO ENGINEERING,INC. on our behalf, to apply to the FEDERAL COMMUNICATIONS COMMISSION on our equipment. Any and all acts carried out by THRU LAB & ENGINEERING. on our behalf shall have the same effect as acts of our own. This authorization expires on Oct. 8, 2003.

This is to advise that we are in full compliance with the Anti-Drug Abuse Act. We, the applicant, are not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 USC853a, and no party to the application is subject to a denial of federal benefits pursuant to that section.

Telewin Inc.

B. S. (B)MC
PRESIDENT/TELEWIN INC.

(AUTHORIZED SIGNATURE)

FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

참조 : Digital Device의 User's Manual에 포함시킬 것.

USER'S GUIDE

Digital Voice Recorder

USB PC Interface

(TDR-2016U / TDR-2032U / TDR-2064U / TDR-2128U)

TecNet

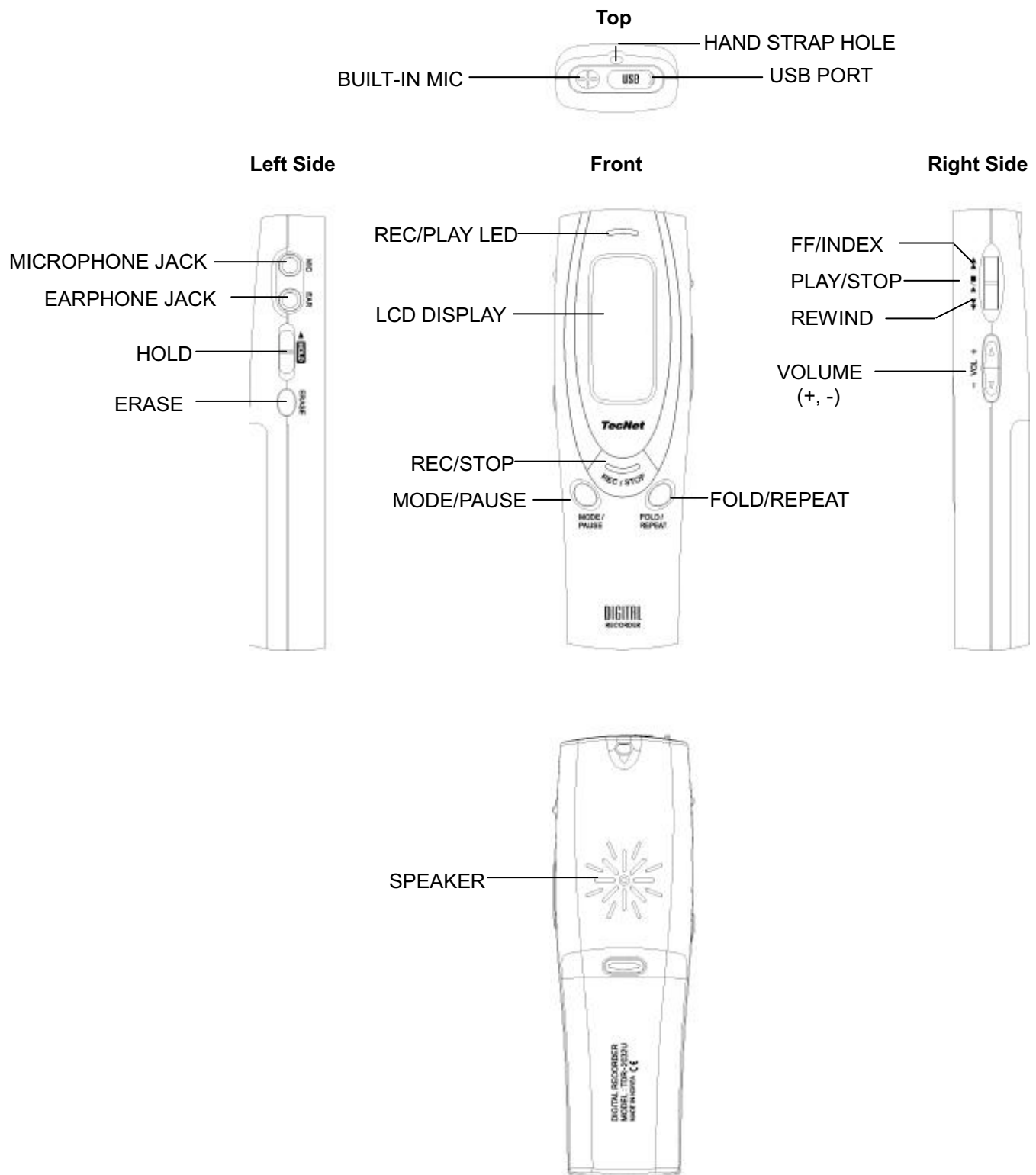
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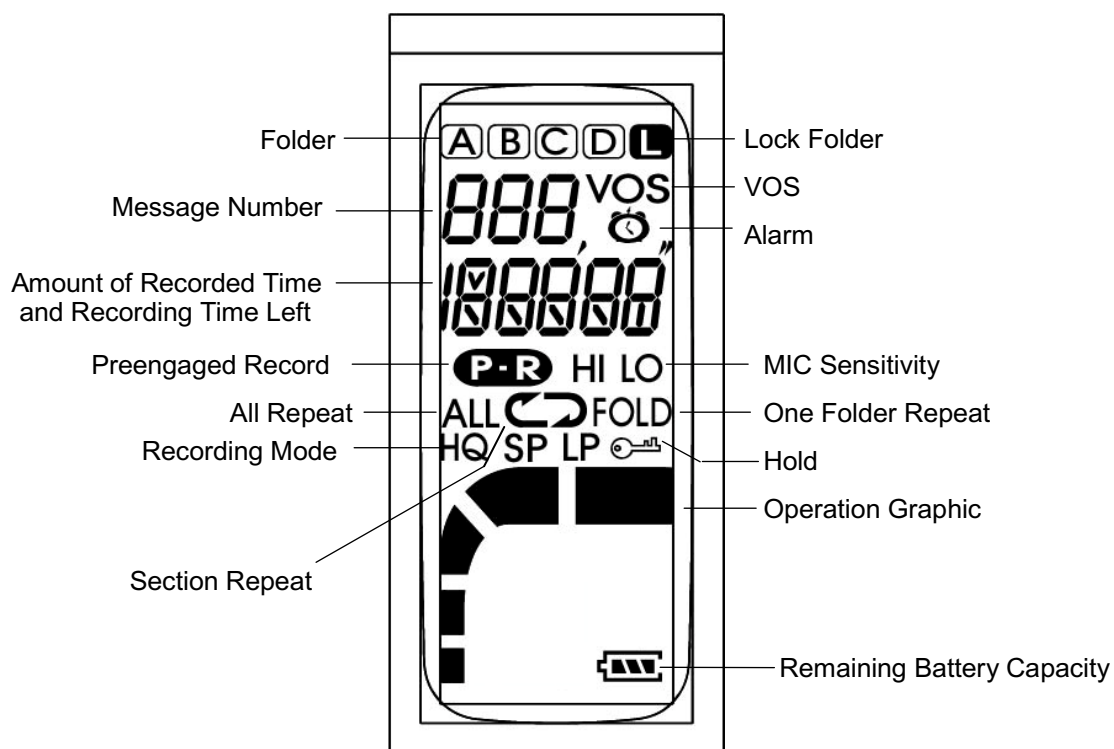
Features

- Preengaged Recording
Enables to record at any time when you want.
- Alarm Sound Function
You can hear the alarm sound at any time when you want.
- Message movement
You can move into one group the messages which are stored in each groups.
- Recording up to 4 groups
Enables to record 99 messages into each group.
- One additional lock group
Enables to record 99 additional messages into lock group.
- Recording mode
Available to adjust the sound and recording time.
- Automatic Power Off
The unit will be automatically turned off when not in use.
- Indication of the remaining recording time
You can check the available remaining recording time.
- Adjustable repeating time
Enables to repeatedly listen to the part you want by adjusting the time.
- Monitoring of recording
Available to listen to the message by using the stereo earphone during the recording .
- External jack for Input/Output
Enables to record between the unit and other equipments.
- Indication of the recording/playback level
Enables to check the level when recording/playback.
- VOS recording
Available only when any voice and sound exist.
- Scan Function
Enables to playback just the fore part of each message.
- Pause Function
Enables to pause during recording/playback.
- USB PC Interface
Lets you use the recorder with a PC with fast USB port for voice & data file.
- Hearing-Aid Function
Lets the weak in hearing use the recorder as a hearing-aid.

Locations of Function and Control Buttons



LCD Description



Battery Installation

Be sure to replace batteries at stop mode.

1. Open the battery cover.

Press and slide the battery cover off.

2. Install two(2) AAA size batteries and slide the cover back into place.

* Battery should be LR03 or equivalent(AAA Size or UM-4)

3. Press PLAY/STOP(▶/■) button or REC/STOP button to check the battery condition.

* Recorded messages will not be erased when replacing batteries.

Battery Lifetime

Recording Mode	About 10 Hours
Speaker playback	About 8 Hours(VOL: 5)
Earphone playback	About 9 Hours(VOL: 5)

1. Power On & Off

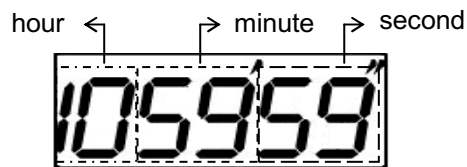
- Set the HOLD switch to "Off" mode and press the REC/STOP button for about one second.
Then, LCD is displayed, which means power on.
- Automatic power off : the unit will be automatically turned off within one minute when not in use without pressing any button.

2. Recording

- Release the HOLD switch and press the REC/STOP button for recording.
- The unit starts recording when the red LED lights ON.

(The unit displays the recording number, level and time on the LCD.)

** Recording Time Indication on the LCD



- To stop recording, press the REC/STOP button again.

1) Pause function

- Press the MODE/PAUSE button during recording.
- The "PAUSE" letter blinks in LCD display, which means pause function is operated.
- To release the pause function, press the MODE/PAUSE button one more time.

2) To record on the following number during recording

- During recording, move the ►► button upwards and then, you can continue to record on the following number.

3) Indication of the remaining recording time

- If you press the FOLD/REPEAT button during recording, the LCD indicates the remaining time.

4) Monitoring of recording

- You can listen to the recorded messages by connecting earphone to EAR jack during recording.
(During monitoring, the volume level can not be controlled.)

5) Using an external pin microphone (Optional)

- Record after connecting an external microphone to MIC jack located on the left side of unit.

3. Playback

- Release the HOLD button and select your desired message number by moving upwards(▶▶) or downwards(◀◀) the button located on the top/side of unit.
- If you press the ▶/■ button to vertical direction, the LED lights in Green color to playback the recorded message.
- During playback, you can stop the unit by pressing the ▶/■ button to vertical direction one more time.

1) Fast-forwarding(▶▶) and rewinding(◀◀) during playback

- You can adjust the playback time by moving the ▶▶ or ◀◀ button upwards or downwards long enough during playback.
- If you wheel the ▶▶ or ◀◀ button shortly, you can hear the following recorded message or previous recorded message.

2) Pause function

- Press the MODE/PAUSE button during playback.
- The "PAUSE" letter blinks on LCD display, which means pause function is operated.
- To release the pause function, press the MODE/PAUSE button one more time.

3) Scanning

- At stop mode, press the ▶/■ button for more than 2 seconds.
- Then, "SCAN" will be displayed and the unit will playback each message for about 5 seconds in sequence from the first message to the last message.
- After playback of all messages in one folder, the unit stops to playback and if you press the ▶/■ button, the unit stops operation.

4) Repeating the section playback

- During playback, press the FOLD/REPEAT button which means the repeat function is being started. Then, if press the FOLD/REPEAT button again after a certain time, the repeat function is completed Which means the repeating time is set-up and the unit will continue to repeat in the selected section.

4. Erasing

1) Erasing one message

- Select the recorded number you want to erase.
- Press the ERASE button.
- The number of recorded message will blink and the recorded message is heard for 3 seconds.
- Press the ERASE button again.
- To cancel the erasing, press any button except for the ERASE button.

2) Erasing all recorded messages in one folder

- Select the folder which you want to erase at stop mode.
- Press the ERASE button for about 4 seconds.
(At that time, and the related folder icon will blink.)
- Press the ERASE button again for about a second and then, all recorded messages are erased.
- To cancel the erasing, press any button except for the ERASE button.

5. Adjusting Volume

- You can adjust Volume level by pressing VOLUME + / - button.
(But the volume will not be adjusted during recording.)

6. Folder Movement

- If you press the FOLD/REPEAT button in sequence at stop mode, the folder moves to A-B-C-D-L.
(Each folder has 99 messages, which means you can record messages up to max.99 numbers in each folder.)
- In "L" folder, you can save your desired recorded message and the message saved in the "L" folder is not erased.
- If you want to erase the message in "L" folder, the message in the "L" folder should be moved to A or B or C or D folder, and after that, you can erase.
- If you want to move the recorded message in a folder to the other folder, press the MODE/PAUSE button 9 times and then, LCD displays "MOVE" letter.
- At that time, select your desired folder (out of A,B,C,D,L folders) by the ►►/◄◄ button and press the ►/■ button.
- Then, the message which you want to move is moved to the last number of the selected folder.

7. Hold Function

- If the HOLD switch is set upwards, any button is not operated.
- If the HOLD switch is set upwards, the key icon is displayed on LCD, which means Hold function is set.
- To release the hold function, move the HOLD switch downwards.

8. Setting the Record mode

- Press the MODE/PAUSE button one time at stop mode and then, the record mode (HQ/SP/LP) is displayed on LCD.
- Move the ►►/◄◄ button upwards or downwards and select your desired record mode (SP or HQ or LP).
- After selecting the record mode, press the ►/■ button and then, LCD displays the selected record mode.

9. Setting the VOS mode

- Press the MODE/PAUSE button 2 times and then, LCD displays "VOS" letter.
- At that time, select "on" mode by the ►►/◄◄ button and press the ►/■ button.
- When there is no voice or no sound during recording after the "VOS" setting, the LCD displays "SENSE" letter and the unit stop recording. With voice or sound heard, the "SENSE" letter disappear and start recording again.

10. Setting Mic sensitivity

- Press the MODE/PAUSE button 3 times and then, LCD displays "REP" letter.
- At that time, select "HI" or "LO" mode by the ►►/◄◄ button and press the ►/■ button.
- After finishing the selection, the LCD displays the selected "HI" or "LO".

11. Repeating the Playback

- Press the MODE/PAUSE button 4 times and then, LCD displays "MIC" letter.
- At that time, select one of the "FO", "AL" or "NO" by the ►►/◄◄ button and press the ►/■ button.
 - . In order to repeat the recorded messages in one folder, please select "FO".
(LCD displays "FOLD" icon.)
 - . If you select "AL", all the messages from A to L folder can be repeated.
(LCD displays "ALL" icon.)
 - . If you don't want any repeat, please select "NO".

12. Setting Beep On/Off Function

- Press the MODE/PAUSE button 5 times and then, LCD displays "BEEP" letter.
- At that time, select "ON" or "OFF" mode by the ►►/◄◄ button and press the ►/■ button.
- If you set the mode to be "ON", you can hear the beep sound whenever you press the buttons.

13. Setting Hearing-aid Function

- Press the MODE/PAUSE button 6 times and then, LCD displays "HEAR" letter.
- At that time, select "ON" or "OFF" mode by the ►►/◄◄ button and press the ►/■ button.
- If you set the mode to be "ON", LCD displays "HEAR" letter and the weak in hearing can hear sound by earphone. (The sound is not recorded.)
- To release this function, press any button.

14. Setting Preengaged Recording

- Press the MODE/PAUSE button 7 times and then, LCD displays "P-REC" letter.
- At that time, select "ON" or "OFF" mode by the ►►/◄◄ button and press the ►/■ button.
- After your setting the mode to be "ON", select your desired time by the ►►/◄◄ button and press the ►/■ button. (You can set up your desired preengaging time up to max. 400 minutes.)
- After your setting the time, the unit is automatically turned on the time which you set up and the recording is started.

15. Setting Alarm Function

- Press the MODE/PAUSE button 8 times and then, LCD displays "ALARM" letter.
- At that time, select "ON" or "OFF" mode by the ►►/◄◄ button and press the ►/■ button.
- After your setting the mode to be "ON", select your desired time by the ►►/◄◄ button and press the ►/■ button. (You can set up your desired alarm time up to max. 400 minutes.)
- After your setting the time, the unit is automatically turned on the time which you set up and you can hear the alarm sound.
- In order to stop the alarm sound, please press the ►/■ button.

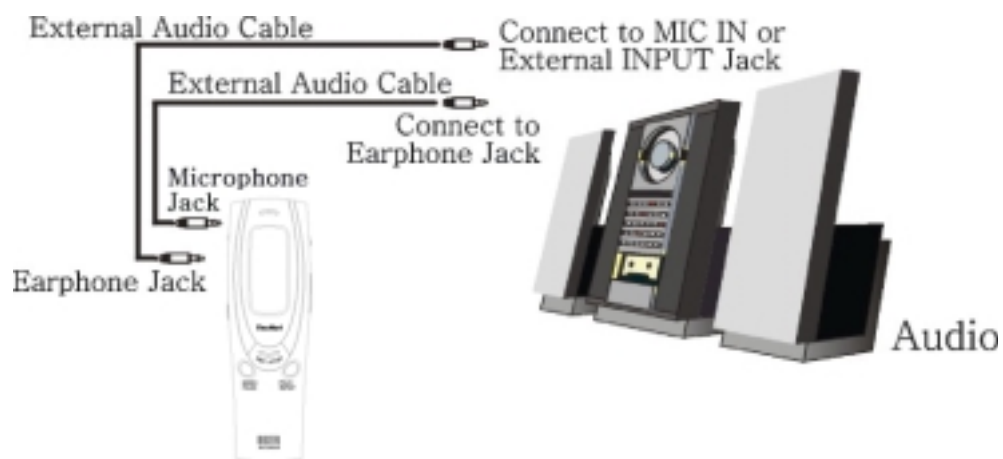
16. Connecting External Equipments (Optional)

Recording from the external equipments into the voice recorder

You can record by connecting an external cable between the MIC jack of the voice recorder and the earphone jack of an external equipment.

Recording from the voice recorder into the external equipments

- Connect an external cable between the EAR JACK of the voice recorder and the MIC IN, or the external input jack of an external equipment.
- Press the PLAY button of the voice recorder and the REC button of an external equipments.
- You can adjust volume by using VOLUME button of the voice recorder.



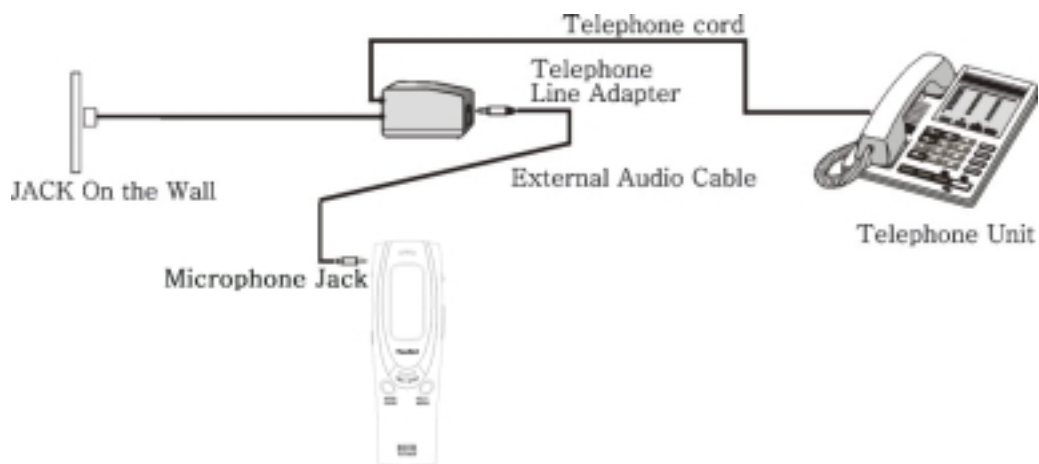
17. Phone Recording (Optional)

Recording the messages during phone conversation

- Connect an external cable between the MIC JACK of voice recorder and the AUDIO OUT JACK of Telephone Adapter.
- Connect the Telephone line cord between Telephone Adapter and Telephone unit.
- Connect the phone line to another jack of the Adapter.
- Press the REC/STOP button of voice recorder and then, the phone conversation will be recorded.

* Protection of Communication Privacy

To record phone conversation without counterpart's consent may be against the related laws.



Voice Manager Program Installation

System Requirement

Computer : Pentium or IBM compatible system with USB support

Memory : 64MB or higher

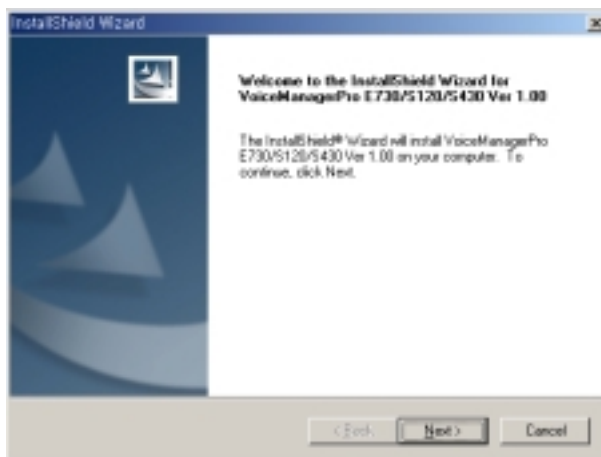
OS : Windows 98/ME/2000/XP

Hard Disk : At least 100 MB free disk space

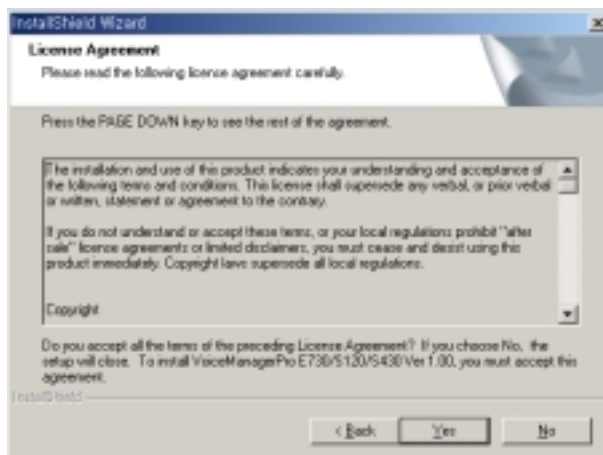
Playback : Soundcard, Speaker

Recording : Sound Card, Microphone

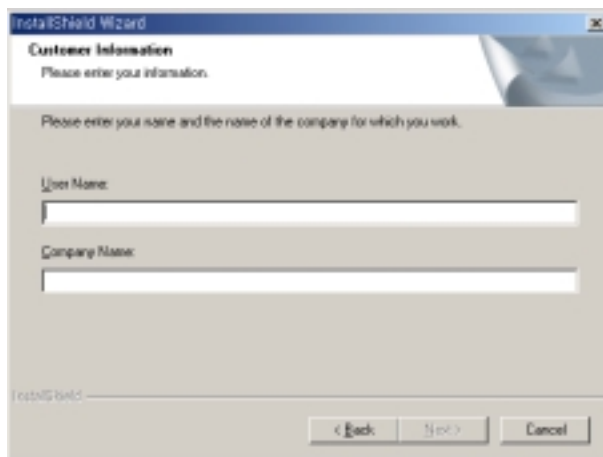
- Insert the Voice Manager program CD into CD-ROM drive.
- Double click "VMPro.exe". (The installation window will be displayed.)
- Program SETUP will be started as follows.



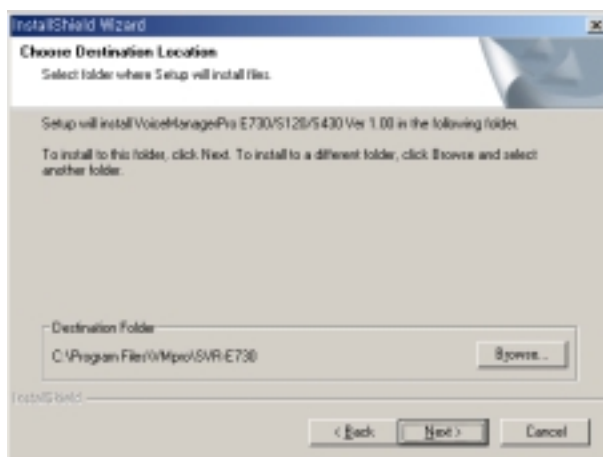
- Click "Next".



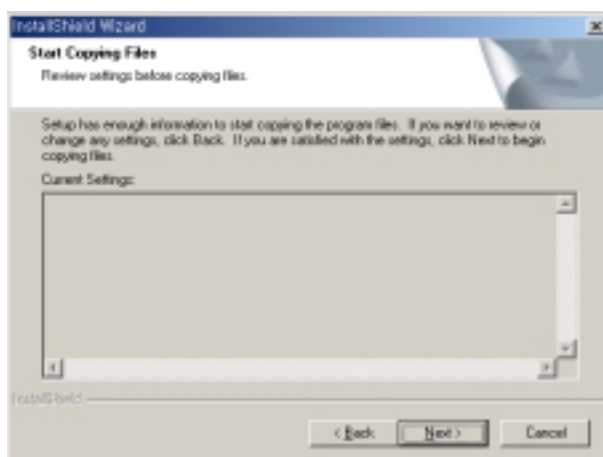
- Click "Yes".



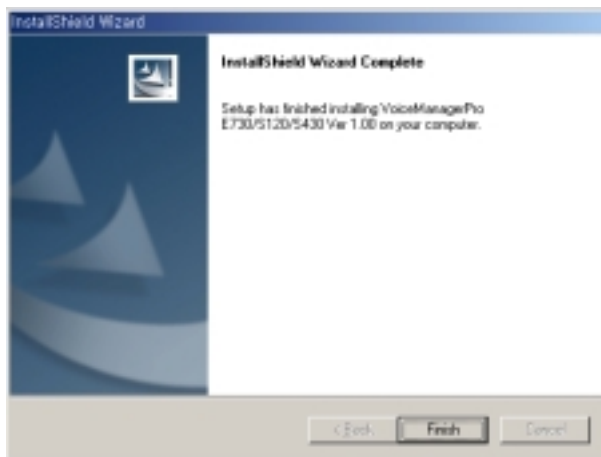
- Fill the blanks and click “Next”.



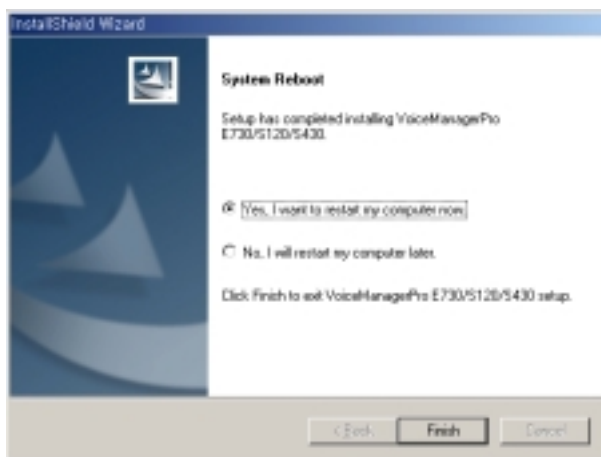
- Choose your Destination Location and click “Next”.



- Click “Next” on Start Copying Files Window.



- Click "Finish" on InstallShield Wizard Complete Window.



- Click "Yes, I want to restart my computer now" on reboot windows
- Click "Finish"
- After restarting PC, connect the recorder with a PC with the install CD in.
Driver Setup will be proceeded automatically. (just for the first connection.)
- Driver installation is completed.

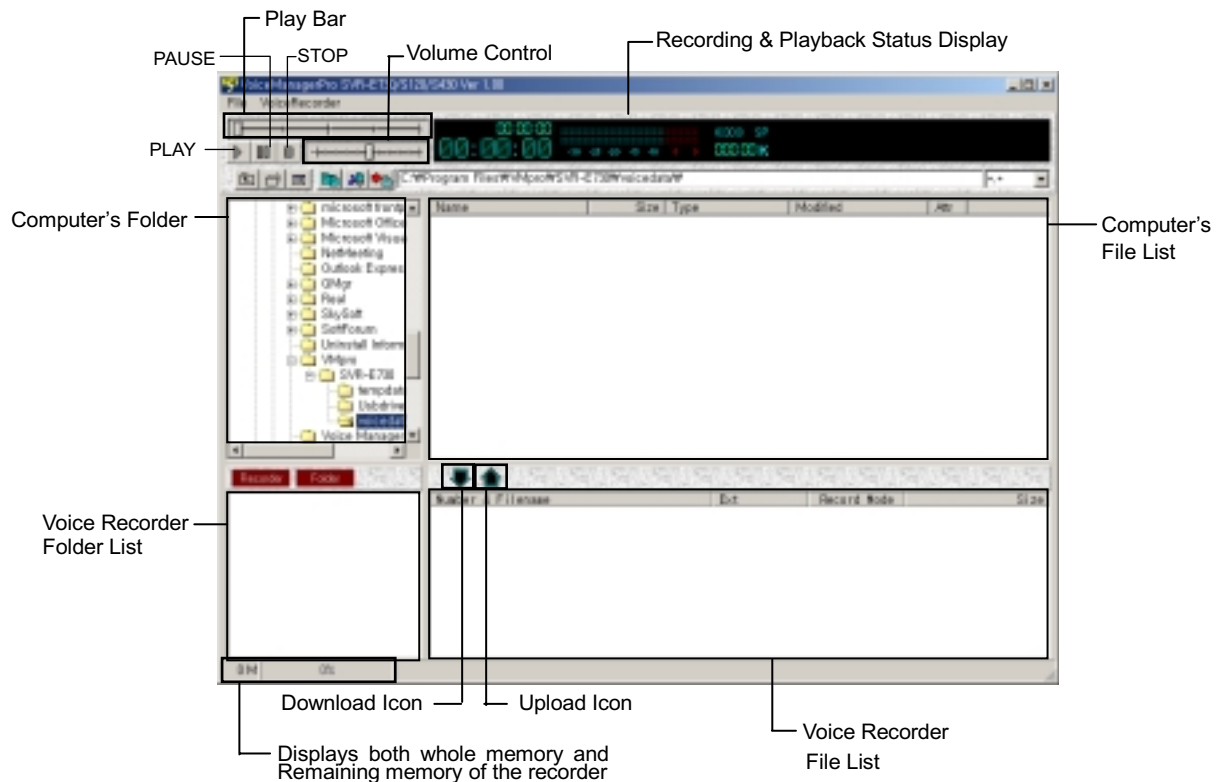
Opening Voice Manager Program

*** After completing driver installation, make a copy VMPro_5.exe in the CD to the Directory of "C:\Program Files\Vmpro\SVR-E730".

*** Please don't execute VMPro.exe because it's old version.

*** In order to open the Voice Manager Program, please double click VMPro_5.exe the SVR-E730 folder.

1. Composition



2. Connect Voice recorder and PC with USB cable.

3. To Upload files

- Select a folder of the Voice Recorder Folder List.
- Select a file of the Voice Recorder File List.
- Click the Upload Icon.
- The selected file is copied to your computer.

4. To Download files

- Select a folder of the Exploring Window.
- Select a file (voice or data file) of your computer file list.
(If you play the data file of the voice recorder, LCD displays "FILE")
- Click the Download Icon.
- The selected file is copied to the Voice Recorder.

5. To play the uploaded files

- Click Play Icon, the concerned file will be played.
- You can adjust Volume by dragging Volume Control to left or right side.
- If you click and drag Play bar, the concerned file will be played from the part where icon is located.

Troubleshooting

Check following items first if you find any functional matter.

In case of no LCD display	Did you check the battery capacity? ⇒ Replace batteries. Are both polarities of the battery loading in right way? ⇒ Load batteries in each correct + / - position.
In case of no recording	Isn't it at Hold position? ⇒ Set Hold switch off. Isn't the message number or message FULL? ⇒ Erase unnecessary message. Did you check the battery capacity? ⇒ Replace batteries.
In case of no Playback	Isn't it at Hold position? ⇒ Set Hold switch off. Isn't there any recorded message? ⇒ Check the recorded message. Did you check the battery capacity? ⇒ Replace batteries.
In case of no sound from speaker	Isn't your VOLUME at 0(Zero) position? ⇒ Adjust the VOLUME level. Isn't your Earphone inserted in? ⇒ Take the Earphone Jack OFF.
In case of no sound from Earphone	Isn't your VOLUME at 0(Zero) position? ⇒ Adjust the VOLUME level. Is your Earphone properly inserted in ? ⇒ Insert the Earphone Jack completely.

Cautions

General

- Dropping and other shock or pressure to the cabinet can cause damage.
- Pressure to the LCD may cause permanent damage to the performance of the LCD.
- Always avoid high heat from any source. Leaving the unit in direct sunlight or in a hot car (as in Summer) can damage the unit.
- Keep the unit clear from dust and contamination that cause damage.
- High humidity, dampness or liquid spills should be avoided.

Safety precautions

- Do not attempt to repair, disassemble or modify this unit.
- Do not use in aircraft during take-off or landing.

Cautions for Safety

- This unit contains a high quality speaker. Keep the unit away from credit cards since the speaker's magnetic strips on credit cards and other similar items that have magnetic strips.
- The seller holds no liability for any damage caused by accident or misuse of this product or for any claims by a third party.
- The seller holds no liability for loss of any message for any reason.

Specifications

Model		TDR-2016U	TDR-2032U	TDR-2064U	TDR-2128U
Recording Time	HQ	About 3 hours	About 6 hours	About 12 hours	About 24 hours
	SP	About 5 hours	About 9 hours	About 18 hours	About 36 hours
	LP	About 9 hours	About 18 hours	About 36 hours	About 70 hours
Number of Message		5 Folders × 99 messages (Including one additional lock folder)			
Frequency Range for Recording / Playback		300Mz ~ 3,500Mz			
Out Power		100mW (T.H.D 10%)			
Input		Audio Analog In (-60dB), 3.5φ			
Output		Earphone(Mini Plug/Stereo) IMP Over 16 Ohms, 3.5φ			
Speaker		23mm, 8 Ohms Dynamic Speaker			
Dimension		31.4(W) × 101(H) × 18.2(D)mm			
Memory Medium		Built in Flash Memory			
Power Source		1.5V, AAA ALKALINE × 2			
ACCESSORY		Basic : User Manual, Stereo Earphone, 2 Batteries, USB CABLE, CD for program installation			
		Optional : External Pin Microphone, Audio Cable, Tel Adapter & Tel Line Cord, Hand Strap, Necklace			

FCC NOTICE

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Trade Name : TecNet

Model No. : TDR-2064U

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GUARANTEE

PRODUCT	DIGITAL RECORDER	MODEL	TDR-2016U / TDR-2032U/ TDR-2064U / TDR-2128U		
		SALES DATE	yy	mm	dd
CUSTOMER	ADDRESS	TEL SINCERELY			
	NAME				
SALES AGENCY	ADDRESS	TEL SIGN			
	AGENCY NAME				