

INDEX

1. About Log Manager Lite Software.....	1
2. Tools.....	1
3. Parameters Setting.....	2
3.1 SYSTEM Setting.....	3
3.2 RECORDING Setting.....	3
3.3 Typical Recording Setting.....	4
3.4 ANSWERING MACHINE Setting.....	6
4. Records Type Description.....	7
5. Recording Files Management.....	7

1. About Log Manager Lite Software

Log Manager Lite software was developed to set up AR100/ AR120 digital telephone recorder and manage the recording files on Window PC. Users can set the parameters on the software and write them to AR100/ AR120 device conveniently. With the software, user can easily search, playback, delete, mark/ remove mark, back up the recording files and export the recording files or data sheet on Windows PC.

Connect AR100/ AR120 to the USB port of your PC with the attached USB data cable.

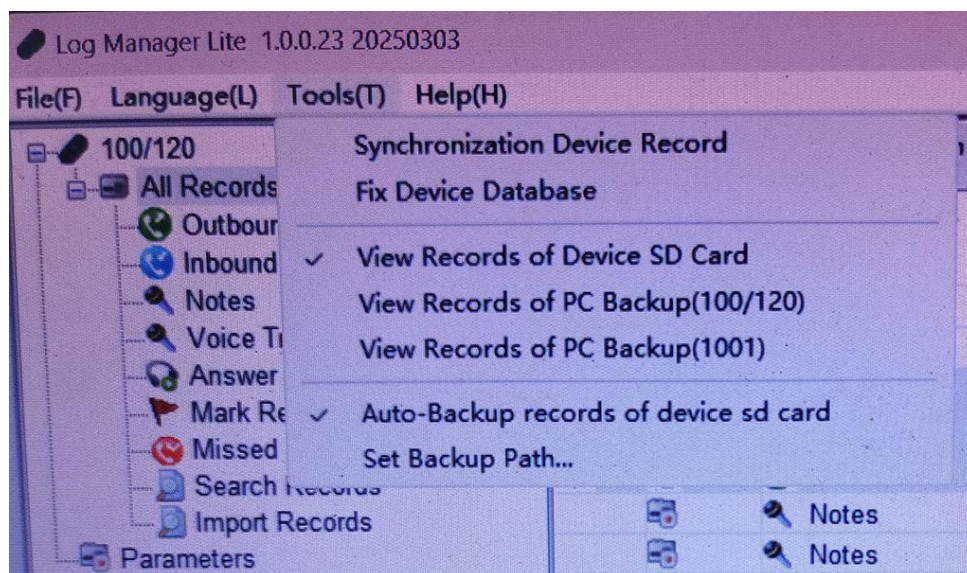
Download the Log Manager Lite software(linkage: [http://www.lecall.net/Log Manager Lite for AR120 & AR100 Digital Telephone Recorder\(Version 1.0.0.23\).zip](http://www.lecall.net/Log Manager Lite for AR120 & AR100 Digital Telephone Recorder(Version 1.0.0.23).zip))

Double-click the software, install it step by step following the prompts.

Double click the shortcut icon of Log Manager Lite  on your desktop to run the software.

NOTE: While being connected with computer, users can NOT operate on the device.

2. Tools



Synchronization Device Record

Click “Synchronization Device Record”, it will read recording files from the device. If users have select “Auto-Backup records of device sd card”, click “Synchronization Device Record”, a dialog box will pop up prompting users to back up the recording files.

Fix Device Database

Click it to fix driver for the database of the device.

View Records of Device SD Card

Click it to view recording files in the SD card of the device. Recording files in the SD card of the device are displayed as default.

View Records of PC Backup(100/120)

Click it to view audio files in the backup file folder of PC. It is for AR100 and AR120 use.

View Records of PC Backup(1001)

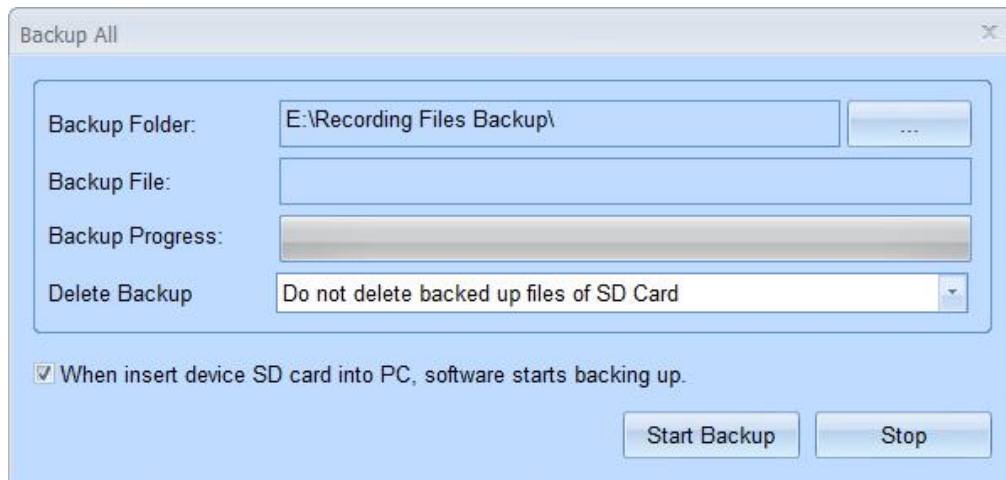
It is for another model 1001. Please ignore it.

Auto-Backup records of device SD card

Click it to active the auto-backup function. When the device is connected to PC or when users click “Synchronization Device Record” in “Tools” menu, a dialog box will pop up

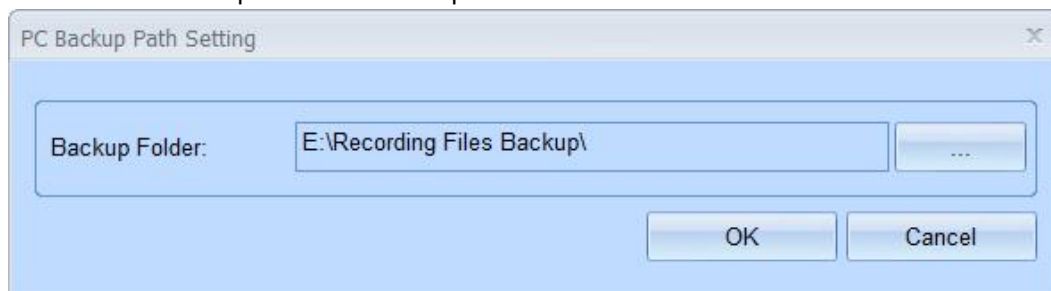
prompting users to back up the recording files.

Click it again to disable the function.



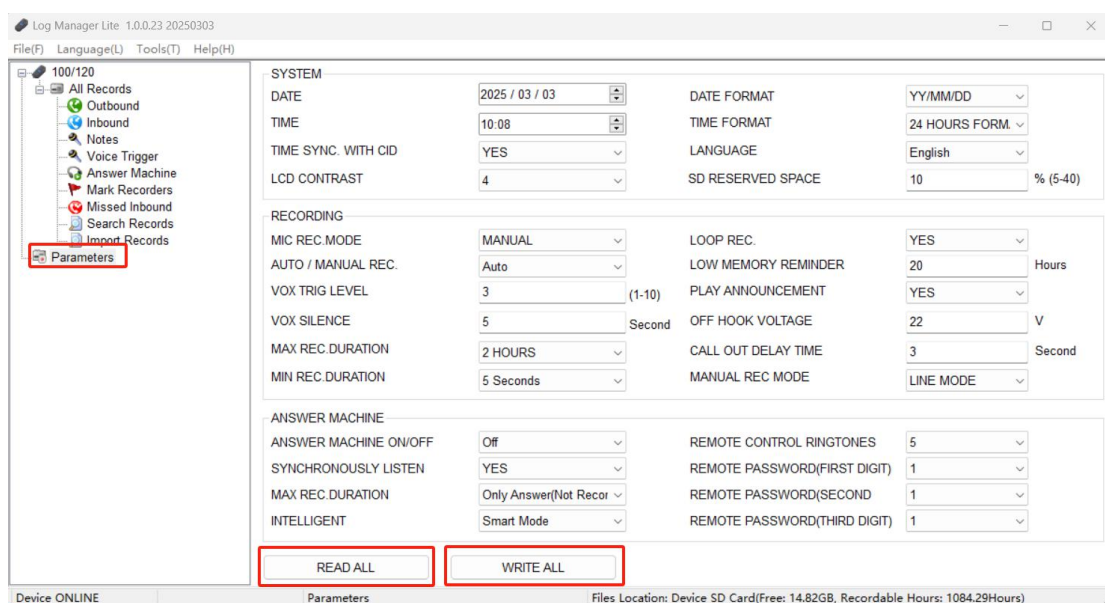
Set Backup Path

Click it to set the path for the backup file folder.



3. Parameters Setting

Click "Parameters" in the left Main Menu, users can see the parameters and set them easily. After setting the parameters according to requirements, click "WRITE ALL" icon, it will write the settings to AR100/AR120 system. Users can also click "READ ALL" to read the existing settings and check.



3.1 SYSTEM Setting

DATE To set system date

Click the 4 digits of year, it will turn to blue background, input the right number. Then click the 2 digits of month and day, input the number separately when background turns to blue.

TIME To set system time

Click the 2 digits of hour, it will turn to blue background, input the right number. Then click the 2 digits of minute, input the number when background turns to blue.

TIME SYNC. WITH CID To enable or disable to synchronize the time and date information with FSK CID.

If you have enabled the synchronization function and the Caller ID format of your telephone line is FSK, it will auto synchronize the time and date information with the CID.

NOTE: It can only work when the device is connected to an analog landline or VoIP landline with FSK CID.

LCD CONTRAST To adjust the contrast of LCD display.

The setting range 1-6. The higher, the brighter. The default value is 4.

DATE FORMAT To set system date display format.

TIME FORMAT To set system time display format.

LANGUAGE To set the language to be ENGLISH.

SD RESERVED SPACE To set to retain some percentage of SD card capacity for system smooth running. Default: 10%

3.2 RECORDING Setting

MIC REC. MODE It is for surrounding voice recording.

Users can select MANUAL or VOX(voice trigger). The default value is MANUAL.

a. MANUAL

Press  button to start recording, press  button to terminate recording.

b. VOX(Voice Trigger)

When the voice level is higher than the settings, it starts recording automatically. If the voice level is lower than settings, recording ends automatically.

AUTO/MANUAL REC. It is for phone call recording.

Users can set phone call recording mode according to the requirements and conditions.

a. MANUAL

Press  to start, press  to terminate.

b. Auto(Voltage Trigger) It is for analog landline/ VoIP landline call recording.

When the call is on talk(line voltage is lower than settings), it starts recording automatically.

c. TRIG(voice trigger) It is for digital phone/ IP phone call recording.

When the voice level is higher than settings, it starts recording automatically.

VOX TRIG LEVEL To adjust voice trigger level. This setting is working for both MIC REC. MODE>>VOX mode and AUTO/MANUAL REC.>>TRIG mode.

The setting range is 1-10. 1 is the most sensitive. The default value is 3. When the voice level is higher than settings, it starts recording.

VOX SILENCE To adjust silent time to terminate recording in voice trigger conditions.

This setting is working for both MIC REC. MODE>>VOX mode and AUTO/MANUAL REC.>>TRIG mode. The setting range is 5-99s. and the default value is 5s. If it has not

detected voice within 5s, it will judge that the talk/call has been finished and end the recording.

MAX REC. DURATION To set maximum recording time for single call.

The setting range is 10 min ~ NO LIMIT and the default value is 2 HOURS.

MIN REC. DURATION To set minimum recording time for single call.

The setting range is 5s ~ NO LIMIT and the default value is 5 SECONDS.

LOOP REC. To enable or disable LOOP recording.

The default value is YES(enable).

a. YES(enable) When the SD card capacity is insufficient, it will delete the oldest recording files automatically and keep recording.

b. NO(disable) When the SD card capacity is insufficient, it will not record any more.

LOW MEMORY REMINDER It is a further setting when LOOP recording function has been disabled.

The remaining recordable time symbol on the LCD will blink when the storage capacity is lower than setting. The setting range is 5-99 hours. If users have enabled LOOP recording, no need to set LOW MEMORY REMINDER, and there will be no alert.

PLAY ANNOUNCEMENT To enable/ disable to broadcast announcement file to both sides.

NOTE: Recording announcement function can work ONLY when the device is connected to an analog landline or VoIP landline.

OFF HOOK VOLTAGE To adjust the OFF HOOK voltage.

It is a further setting for AUTO/MANUAL REC.>>Auto mode.The system will start to record automatically when the line voltage is lower than setting. The setting range is 15~30(V) and the default value is 22V. If it can not start to record automatically in Auto mode, you may try to adjust the voltage.

CALL OUT DELAY TIME The device will start to record outgoing calls after the setting delay time. The setting range is 0~20s, and the default value is 3s.

MANUAL REC. MODE It is a further setting for phone call recording manually.

After setting MANUAL mode in AUTO/MANUAL REC., users can select LINE MODE or HANDSET MODE according to the connection type.

a. HANDSET MODE When the device is connected to phone base and phone handset(digital phone/ IP phone connection), select "HANDSET MODE".



b. LINE MODE When the device is connected to phone line and telephone set(analog landline/ VoIP landline phone connection), select "LINE MODE".

3.3 Typical Recording Setting

3.3.1 Record Surrounding Voice Manually

a. Select MANUAL in MIC REC. MODE.

RECORDING			
MIC REC.MODE	MANUAL	LOOP REC.	YES
AUTO / MANUAL REC.	Auto	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	LINE MODE



b. Press  to start recording, press  to terminate recording.

3.3.2 Record Surrounding Voice by Voice Trigger

- Select VOX in MIC REC. MODE.
- Adjust VOX TRIG LEVEL if necessary. **NOTE:** The default TRIG LEVEL “3” works well in most cases. If it can not start to record frequently (need very loud voice to start to record), please try to adjust the LEVEL to be lower; if it starts to record too frequently or can not terminate the recording frequently, try to adjust the LEVEL to be higher.
- Adjust VOX SILENCE time if necessary. **NOTE:** The default VOX SILENCE time “5s” works well in most cases. If it terminates recording frequently, please try to adjust the time to be longer; if it terminates the recording too long time after the call finished, try to adjust the time to be shorter.

RECORDING			
MIC REC.MODE	VOX	LOOP REC.	YES
AUTO / MANUAL REC.	Auto	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	LINE MODE

3.3.3 Record Analog Phone Calls Manually

- Select MANUAL in AUTO / .MANUAL REC.
- Select LINE MODE in MANUAL REC MODE.
- Press  to start recording, press  to terminate recording.



RECORDING			
MIC REC.MODE	MANUAL	LOOP REC.	YES
AUTO / MANUAL REC.	MANUAL	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	LINE MODE

3.3.4 Record Analog Phone Calls Automatically(Voltage Trigger)

- Select Auto in AUTO / MANUAL REC..
- Adjust OFF HOOK VOLTAGE if necessary. **NOTE:** The default OFF HOOK VOLTAGE “22V” works well in most cases. If it can not start to record frequently, please try to adjust the voltage to be lower.

RECORDING			
MIC REC.MODE	MANUAL	LOOP REC.	YES
AUTO / MANUAL REC.	Auto	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	LINE MODE

3.3.5 Record Digital / IP Phone Calls Manually

- Select MANUAL in AUTO/MANUAL REC..
- Select HANDSET MODE in MANUAL REC MODE.
- Press  to start recording, press  to terminate recording.

RECORDING			
MIC REC.MODE	MANUAL	LOOP REC.	YES
AUTO / MANUAL REC.	MANUAL	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	HANDSET MODE

3.3.6 Record Digital / IP Phone Calls by Voice Trigger

- Select TRIG in AUTO/MANUAL REC..
- Adjust the VOX TRIG LEVEL if necessary. **NOTE:** The default TRIG LEVEL “3” works well in most cases. If it can not start to record frequently(need very loud talk to start to record), please try to adjust the LEVEL to be lower; if it starts to record too frequently or can not terminate the recording frequently, try to adjust the LEVEL to be higher.
- Adjust VOX SILENCE time if necessary. **NOTE:** The default VOX SILENCE time “5s” works well in most cases. If it terminates recording frequently, please try to adjust the time to be longer; if it terminates the recording too long time after the call finished, try to adjust the time to be shorter.

RECORDING			
MIC REC.MODE	MANUAL	LOOP REC.	YES
AUTO / MANUAL REC.	TRIG	LOW MEMORY REMINDER	20 Hours
VOX TRIG LEVEL	3 (1-10)	PLAY ANNOUNCEMENT	YES
VOX SILENCE	5 Second	OFF HOOK VOLTAGE	22 V
MAX REC.DURATION	2 HOURS	CALL OUT DELAY TIME	3 Second
MIN REC.DURATION	5 Seconds	MANUAL REC MODE	HANDSET MODE

3.4 ANSWERING MACHINE Setting

ANSWERING MACHINE ON/OFF To enable/ disable answering machine system.

SYNCHRONOUSLY LISTEN When this function is enabled, AR120 will broadcast the message synchronously when a caller is leaving message. And if users listen to the message remotely, AR120 will broadcast the message synchronously.

MAX REC. DURATION To set the maximum message recording time allotted to callers.

ANSWER MACHINE RINGTONES To set the number of rings before the device auto picks up.

Users can select “Smart Mode” or after 2 to 7 RINGS. SMART MODE means that the answering system answers at the end of the 2nd ring when there are new messages, or at the end of the 4th ring when there are no new messages.

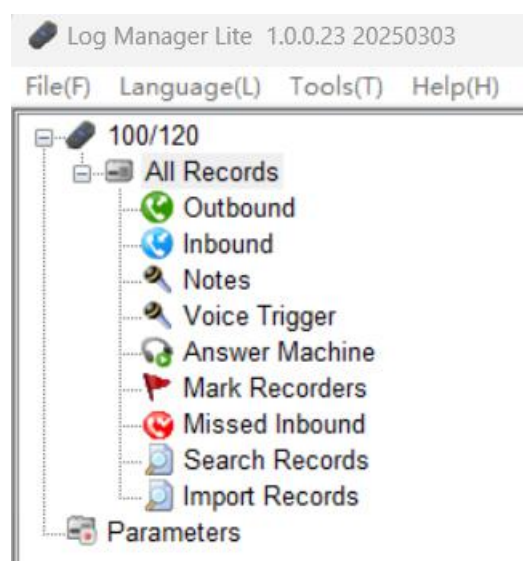
REMOTE CONTROL RINGTONES If the answering system is off, it can be enabled automatically by incoming calls. After the telephone ringing for the setting ring times, the answering system will auto play greeting to the caller. The setting range is 5-20 times. The default value is 15. Users might set it to 5 or 6 times. So if nobody answer the call, it will auto play greeting to the caller to leave a message.

REMOTE PASSWORD(FIRST DIGIT) To set password for remote access to the system. The default password is 111.

REMOTE PASSWORD(SECOND DIGIT)

REMOTE PASSWORD(THIRD DIGIT)

4. Records Type Description



All Records

Click it , users can view all types of recording files.

Outbound

Click it to view the recording files of outgoing calls. It is for outgoing calls of analog landline/ VoIP landline ONLY.

Inbound

Click it to view the recording files of incoming calls. It is for incoming calls of analog landline/ VoIP landline ONLY.

Notes

Click it to view surrounding voice recording files that recorded by microphone.

Voice Trigger

Click it to view voice trigger recording files. It is for digital phone/ IP phone call recording.

NOTE: There are no phone numbers with this type of call recording.

Answer Machine

Click it to view answering machine messages.

Mark Recorders

Click it to view the recording files marked(FLAG) on the device or on the software.

Missed Inbound

Click it to view the missed incoming calls information.

Search Records

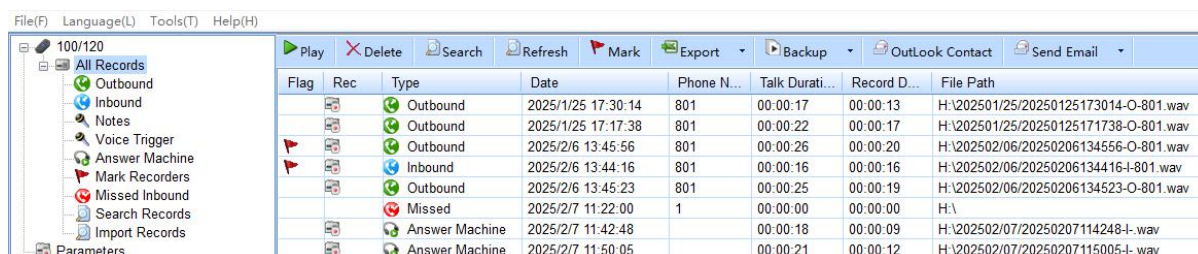
Click it to search recording files. Select search terms and click “search”, it will display the searched recording files.

Import Records

Click it to import audio files.

5. Recording Files Management

Users can playback/ delete/ mark/ remove mark the recording files, search recording files by terms, export normal audio files or data sheet of the records, email the recording files to Outlook contacts conveniently.



Flag	Rec	Type	Date	Phone N.	Talk Durati...	Record D...	File Path
		Outbound	2025/1/25 17:30:14	801	00:00:17	00:00:13	H:\202501/25/20250125173014-O-801.wav
		Outbound	2025/1/25 17:17:38	801	00:00:22	00:00:17	H:\202501/25/20250125171738-O-801.wav
		Outbound	2025/2/6 13:45:56	801	00:00:26	00:00:20	H:\202502/06/20250206134556-O-801.wav
		Inbound	2025/2/6 13:44:16	801	00:00:16	00:00:16	H:\202502/06/20250206134416-I-801.wav
		Outbound	2025/2/6 13:45:23	801	00:00:25	00:00:19	H:\202502/06/20250206134523-O-801.wav
		Missed	2025/2/7 11:22:00	1	00:00:00	00:00:00	H:\
		Answer Machine	2025/2/7 11:42:48		00:00:18	00:00:09	H:\202502/07/20250207114248-I-.wav
		Answer Machine	2025/2/7 11:50:05		00:00:21	00:00:12	H:\202502/07/20250207115005-I-.wav

Play

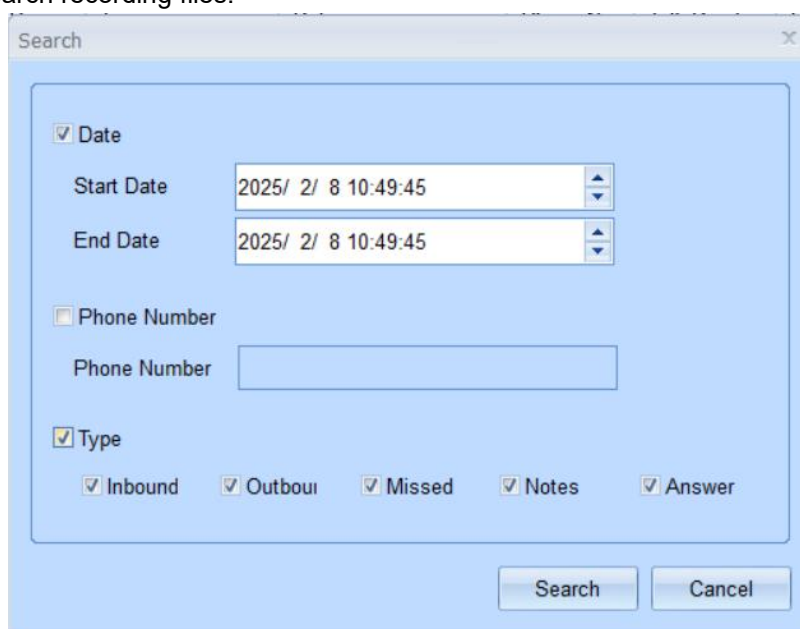
Select a recording file, click “play” or double-click the file to playback.

Delete

Click to select a single file or select more files by click+ shift or ctrl, then click “delete”, the selected files will be deleted.

Search

Click it to search recording files.



Search

☒ Date

Start Date: 2025/ 2/ 8 10:49:45

End Date: 2025/ 2/ 8 10:49:45

☐ Phone Number

Phone Number:




☒ Type

☒ Inbound ☒ Outbound ☒ Missed ☒ Notes ☒ Answer


Search Cancel

Select search terms and click “Search”, it will display the searched recording files.

Mark and remove mark

Click to select a single file or select more files by click+ shift or ctrl, then click “ Mark”, the  icon will displayed in the “Flag” column of the file. click “ Mark” again to remove the mark. Users can also click the “Flag” column of the selected file to mark or remove mark.

Export

Users can click  to export data sheet of the records or normal audio files.

Export Excel

A	B	C	D	E	F	G	H	
1	Flag	Rec	Type	Date	Phone Number	Talk Duration	Record Duration	Comment
2			Inbound	2025/2/7 14:48:33		00:00:21	00:00:21	
3			Inbound	2025/2/7 14:45:16		00:00:06	00:00:06	
4			Answer Machine	2025/2/7 11:50:05		00:00:21	00:00:12	
5			Answer Machine	2025/2/7 11:42:48		00:00:18	00:00:09	
6			Missed	2025/2/7 11:22:00	1	00:00:00	00:00:00	
7			Voice Trigger	2025/2/6 14:28:48		00:00:20	00:00:20	
8			Voice Trigger	2025/2/6 14:18:11		00:00:25	00:00:25	
9			Notes	2025/2/6 14:02:15		00:01:09	00:01:09	
10			Notes	2025/2/6 14:01:11		00:00:39	00:00:40	
11			Notes	2025/2/6 14:00:16		00:00:07	00:00:07	
12	Flag		Outbound	2025/2/6 13:45:56	801	00:00:26	00:00:20	
13			Outbound	2025/2/6 13:45:23	801	00:00:25	00:00:19	
14	Flag		Inbound	2025/2/6 13:44:16	801	00:00:16	00:00:16	
15			Inbound	2025/2/6 13:42:48		00:00:19	00:00:19	
16	Flag		Notes	2025/1/25 11:53:41		00:00:08	00:00:08	
17			Outbound	2025/1/25 17:30:14	801	00:00:17	00:00:13	
18			Inbound	2025/1/25 17:22:47		00:00:15	00:00:15	
19			Inbound	2025/1/25 17:18:41		00:00:11	00:00:11	
20			Outbound	2025/1/25 17:17:38	801	00:00:22	00:00:17	

Export Normal Voice File

Select the recording files and click “Export”>> “Export Normal Voice File”, then specify the “Save Path” and click “Export”, the selected recording files will be exported to the specified file folder(Not including the call logs).

Export Normal Voice File

Set Path

Save PathE:\Recording files backup\export files\

...

Files

File	Result
F:\202502\06\20250206134248-I-.wav	
F:\202502\06\20250206134523-O-801.wav	
F:\202502\06\20250206140016-NOTE.wav	
F:\202502\06\20250206141811-TRIG.wav	
F:\202502\07\20250207114248-I-.wav	

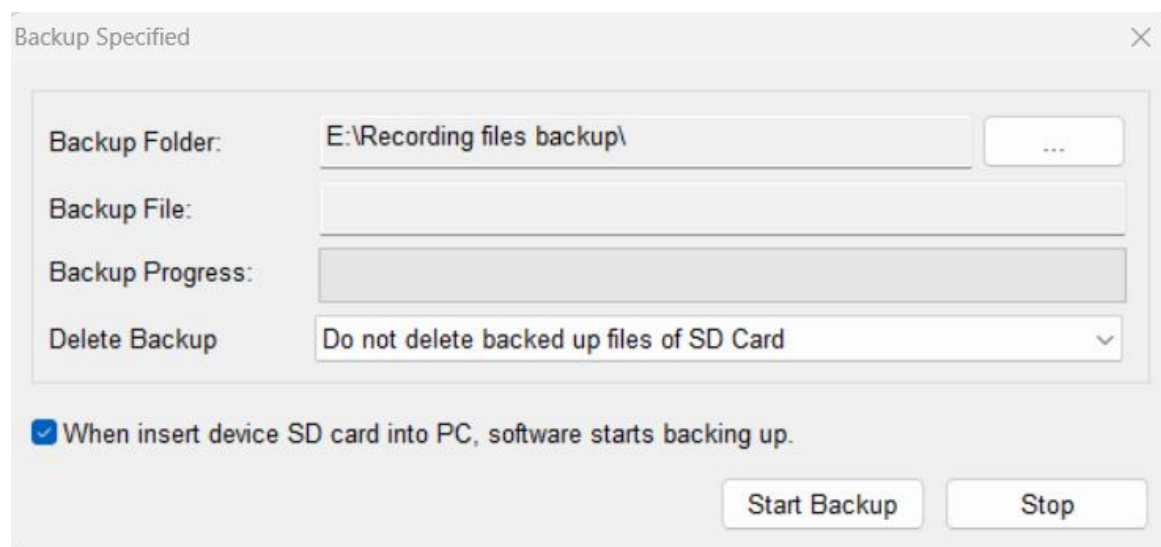
ExportCancel

The recording file name format is YYMMDDHHMMSS+Recording Type+Phone No.(if there is).

Recording Type description: “I” means recording for inbound analog phone call or answering machine message; “O” means recording for outbound analog phone call; “NOTE” means surrounding voice recording and manual phone call recording; “TRIG” means recording for IP phone/ digital phone call by voice trigger.

Backup

To back all recording files or specified recording files.



Backup Specified

Backup Folder: E:\Recording files backup\

Backup File:

Backup Progress:

Delete Backup: Do not delete backed up files of SD Card

☒ When insert device SD card into PC, software starts backing up.

Start Backup Stop

The backed-up recording files will be stored in the folders of year+month>>day accordingly. Call Logs will be also backed up.