

User Manual

for AR120

Telephone Recorder

Version1.1.2

INDEX

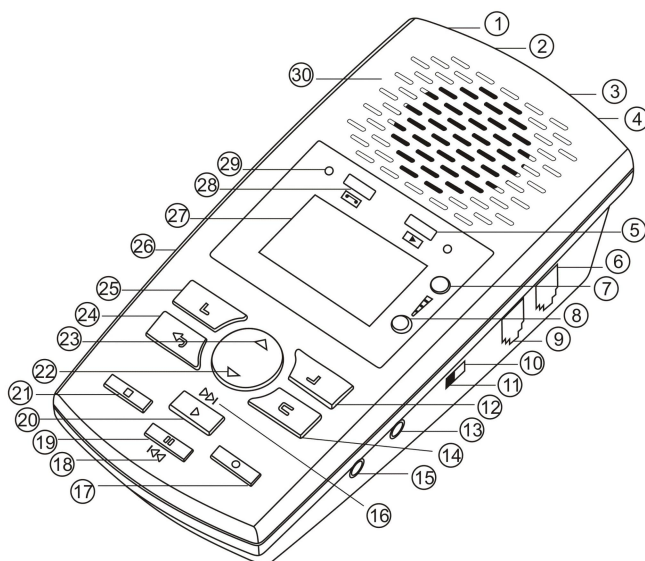
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Thank you for purchasing **LeCall** AR120 stand alone single line telephone recorder/voice logger!

1 Introduction

- ◆ AR120 is a Stand alone phone telephone recorder with replaceable SD card, it can record for more than 970 hours with the attached 16GB card. AR120 can record all incoming calls and outgoing calls. It can also work as a voice logger for meetings, lectures, interviews, etc., and/or as a telephone answering machine.
- ◆ It is compatible with landline phones, digital phones, fixed wireless phones/terminals, PABX.
- ◆ It supports Auto recording mode, Manual recording mode and Voice trigger recording mode.
- ◆ With built-in microphone, speaker and LCD screen, users can search, review, play, mark and manage the recording files on the device.
- ◆ AR120 can be connected to computer via a USB cable, users can export, play and manage recording files on computer.
- ◆ Users can record a private greeting audio file for answering machine function and an announcement audio file to broadcast to both sides when start recording.

2 Appearance



- | | |
|-----------------------|-----------------------|
| 1) USB Port | 12) SET |
| 2) DV 5V | 13) Microphone |
| 3) LINE port | 14) DELETE |
| 4) PHONE port | 15) Earphone |
| 5) Play Message | 16) Fast Forward |
| 6) Handset Line | 17) Recording |
| 7) Volume + | 18) Fast Reverse |
| 8) Volume – | 19) Pause |
| 9) Handset | 20) Play |
| 10) SOURCE PHONE | 21) Stop |
| 11) SOURCE MICROPHONE | 22) Page Down |
| 23) Page Up | 27) LCD Display |
| 24) Back | 28) Answering Machine |
| 25) Records | 29) Speaker |
| 26) SD Card | |

3 Contents

AR120 unit ×1
DC5V power Adaptor ×1
1m USB Cable ×1
1m RJ11 phone cable ×1
0.5m RJ9 phone cable ×1
16GB SD card ×1

4 PC Requirement


Windows7/Vista/XP/2000 or above
Pentium 400 MHz CPU or above
256 MB RAM or above
1GB HDD space or above
USB port

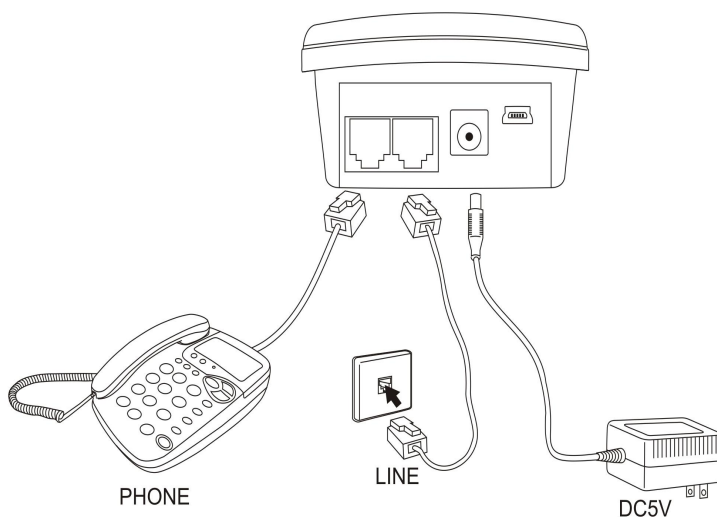
5 Backup Batteries

3×AAA batteries(NOT included)
Standby time: 5~7 hours
Recording time: 2~3 hours


6 Installation

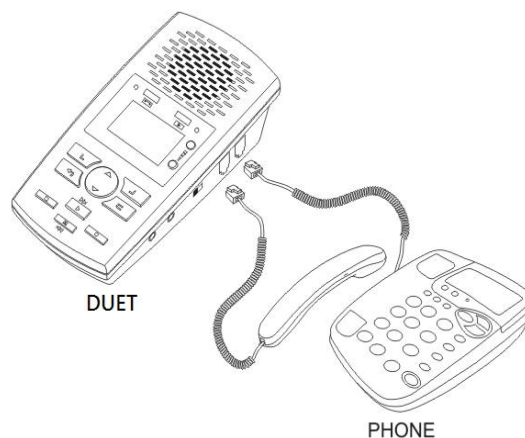
6.1 Analog line connection :

- Switch the SOURCE to PHONE
 - Telecom line to LINE port
 - Phone to PHONE port with RJ11 cable,
- **  will be shown on the LCD. See P.9 for set up.



6.2 Digital phone Connection (Handset) :

- Switch SOURCE to PHONE
 - Connect handset line to LINE with RJ9 cable
 - Connect handset to PHONE with RJ9 cable
- **  will be shown on the LCD. Voice trigger setup is necessary. See Page 9 for set up.



6.3 Microphone connection (Environmental Record) :


a. Switch SOURCE to MIC

**  will be shown on LCD. See Page 8 for set up.

7 Main Menu



7.1 Standby mode

 : Remaining Battery capacity

 : Recording display (Flash while recording)

 : Phone recording mode  : Microphone recording mode

Auto : Auto recording mode Manual : Manual recording mode

Trigger : Voice Trigger mode  : Loop recording mode

10H : Recording time of remaining capacity Time : System Time

7.2 Talk Mode

Type : Incoming, Outgoing

Elapse : Talking time

Phone number : Incoming/Outgoing phone number

8 Setup

8.1 ANSWERING MACHINE setting

PIAY GREETING

Play a greeting message to callers.

RECORD GREETING

Record a greeting. While record a greeting on the device, the SOUCE should be switched to MIC. You can record a wav format greeting audio file on computer and copy it to the root menu of the SD card. The file name MUST be "Answering.wav".

REMOTE PASSWORD

Set password for remote access. The default password is 111.

ANS. RING COUNT

You can change the number of rings before the unit picks up. You can select INTELLIGENT or AFTER 2 to 7 RRINGS.

※Toll saver- The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 4th ring when there are no new messages.

REMOTE RING COUNT

If the answering system is off, you can enable it by ringing it on remotely. Setting range is 5-20 times. The default value is 15.

LISTENING

When this function is enabled, you may listen to message synchronously. The default setting is YES

MAX RECORD TIME

You can change the maximum message recording time allotted to callers. The range is 2-5 minutes. You can also select ONLY ANS. DONT REC. which set the unit to greet callers but not record messages.

8.2 RECORDING setting

RECORDING

► MIC REC. MODE
 AUTO/MANUAL REC.
 VOX TRIG LEVEL
 VOX SILENCE
 MAX REC. DURATION
 MIN REC. DURATION
 LOOP REC.
 LOW MEMORY REMINDER
 PLAY ANNOUNCEMENT
 OFF HOOK VOLTAGE
 CALL OUT DELAY TIME

OK

BACK

MIC REC. MODE

Switch the SOURCE to MIC, AR120 can record audio from built in microphone or external microphone. The default value is MANUAL.

a. MANUAL

Press  to start, press  to terminate.

b. VOX (Voice Trigger)

When voice level is higher than settings, it starts recording automatically. If the voice level is lower than settings, recording ends automatically. NOTE: If it keeps recording and not be able to end, please adjust VOX TRIG LEVEL and VOX SILENCE time setting.

AUTO/MANUAL REC.

You can set recording mode according to your requirements and conditions.

a. MANUAL mode

Press  to start, press  to terminate.

b. AUTO mode

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

c. TRIG voice trigger mode

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

VOX TRIG LEVEL

Adjust voice level in voice trigger conditions. Setting range is 1-10. The default value is 3.1 is the most sensitive.

VOX SILENCE

Adjust silent time to terminate recording in voice trigger conditions. Setting Range is 5-99s. The default value is 5s.

Max REC. DURATION

Set maximum recording time for single call. Setting range is 10 min ~ NO LIMIT

Min REC. DURATION

Set minimum recording time for single call. Setting range is 5s ~ NO LIMIT

LOOP REC.**a. DELETE OLDEST(enable)**

When the SD card capacity is insufficient, it will delete the oldest audio files automatically and keep recording.

b. STOP REC.(disable)

When the SD card capacity is insufficient, it will not record any more.

LOW MEMORY REMINDER

The remaining recordable time symbol on the LCD will blink when storage capacity is lower than setting. Setting range is 5-99 hours. If you have enabled LOOP REC., there will be no alert.

PLAY ANNOUNCEMENT

Enable / Disable to broadcast announcement file to both sides.

You can record a wav format announcement audio file on computer and copy it to the root menu of the SD card. The file name MUST be "Announcement.wav".

OFF HOOK VOLTAGE

The system will start to record automatically when the line voltage is lower than setting. Setting range is 15~30(V). 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 system will record calls after setting delay time. Setting range is 0~20s, the default value is 3s.

8.3 SYSTEM setup

SYSTEM	
▶ TIME	
DATE	
TIME FORMAT	
DATE FORMAT	
TIME SYNC. WITH CID	
LANGUAGE	
LCD CONTRAST	
SD RESERVED SPACE	
FORMAT SD CARD	
DEFAULT SETTING	
VERSION	
OK	BACK

Time

System time setup

Date

System date setup

TIME FORMAT

System time display format setup

DATE FORMAT

System date display format setup

TIME SYNC. WITH CID

Enable or Disable to synchronize the time with FSK Caller ID. If you have enable the synchronization function and your telephone line Caller ID format is FSK, it will synchronize the time. This is for analog phones only.

LANGUAGE

You can choose Simplified Chinese or English as system language.

LCD CONTRAST

Adjust the contrast of LCD display, the higher, the brighter. Range 1-6. The default value is 4.

SD CARD RESERVE SPACE

SD card can be set to retain the capacity for system smooth running.

FORMAT SD CARD

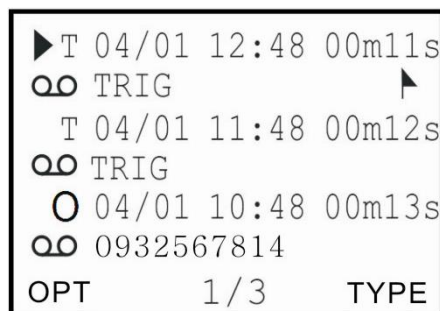
Format SD Card will remove all audio files.

DEFAULT SETTING

Reset the device to factory default setting.

9 Record

9.1 Records Display Description



Record Type

I=Incoming call O=Outgoing call N=MIC T=Voice Trigger A=Answering machine

Date /Time

Display date and time of audio files

Recording Length

Display the length of audio files.



Symbol indicates audio files, otherwise CDR only.

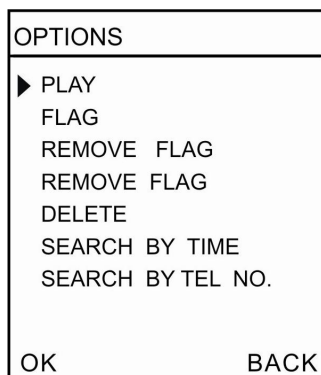
Incoming /Outgoing Call Number Display

Display incoming or outgoing numbers.



Symbol indicates the important audio files.

9.2 Operation



PLAY: Play selected audio files.

FLAG: Mark important audio files.

REMOVE FLAG: Remove mark on audio files.

DELETE: Delete selected audio files or CDR.

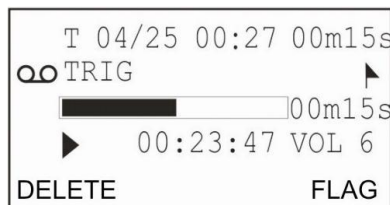
a. Delete audio files and keep the CDR.

b. Delete both audio files and CDR.

SEARCH BY TIME: Search audio files by time

SEARCH BY TEL NO.: Search audio files by incoming / outgoing numbers

9.3 Play Audio files



Recording type, date, time, elapse, number and process will be shown on the LCD. You can delete or flag the audio file directly.

9.4 TYPE (Recording File Searching Option)

DATE	TYPE
▶	ALL
	INCOMING
	ANSWERED
	UNANSWERED
	OUTGOING
	NOTE
	FLAG
	TRIG
	ANSWERING
OK	BACK

All

Search all records in SD card

INCOMING

Search all incoming calls, including missed calls.

ANSWERED

Search all received calls

UNANSWERED

Search all missed calls

OUTGOING

Search all outgoing calls

NOTE

Search all audio files from MIC

FLAG

Search marked audio files

TRIG

Search voice triggered audio files



ANSWERING

Search answering machine messages audio files

You can search specified audio files by operating search functions.

10 Answering Machine

10.1 Enable / Disable answering system on the device


Press  to enable the answering system, press  again to disable the answering system.

NOTE: The answering machine function can be used only when the device is connected to a analog phone line.

10.2 Enable / Disable answering system remotely

It will enable the answering system automatically if the ring time exceeds the setting. Press "0" on your phone to disable it.

10.3 Listen to messages on the device

Press  to listen 1st new message. If there's no new message, it will play the latest message. Press BACK to review all messages.

10.4 Listen to messages remotely

You can call your phone number from outside and access the device to listen messages. Input the access code on your phone, then you can hear the answering machine message. The default remote access code is 111. Press “2” to listen the former message, press “3” to listen the next message.

10.5 Search messages

- a. Press OPT to search audio files by options.
- b. Press RECORD → OPT → ANSWERING MACHINE to search messages

11 Service Guarantee

One(1) Year Limited Warranty.

11.1 HARDWARE : This hardware against defects in materials and workmanship under normal use for a period of ONE (1) YEAE from the date of purchase.

11.2 SOFTWARE: Warrants attached software can be installed in computer system and ensure it is compatible or works with the hardware. Third party application is not covered under this Limited Warranty.

If your device is capable of storing software programs, data and other information, you should protect its contents against possible operational failures. Before you deliver your device for warranty service, it is your responsibility to keep a separate backup copy of the contents, remove all personal information and data that you want to protect and disable any security passwords. THE CONTENTS OF YOUR DEVICE WILL BE DELETED AND THE STORAGE MEDIA REFORMATTED IN THE COURSE OF WARRANTY SERVICE.