Automatic Timer Broadcast System User Guide

Model Name： QCM-6200

VER. GS

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Catalogue

Content Page

Catalogue

Content Page

1.1 System Featu

(1) Built-in memory : CF card. Bells: 99 bells

(2) Built-in 6 melodies. (Please refer to the manual if you want to hear in advance)

(3) RS-232, a communication port to PC, for schedule arrangements and data transmission

(4) Volume adjustment in each schedule is controllable

(5) Up to 80 schedules to be set freely on each weekday

(6) Different schedules for all weekdays

(7) Able to have the same schedule on each day

(8) Provide extra 5 “Special Day”s (Each has 80 schedules at most) for schedule arrangement

(9) Provide 7 relay output pins for programming

(10) Provide one relay output pin to be triggered for starting an outer amplifier

(11) Fully LCD display in Chinese/English

(12) All schedules can be operated via the LCD front panel

(13) Output pins and melody performances can be activated manually or automatically

(14) The schedules and calendar will be hold if power failure

(15) Display current date and time when in stand-by mode

(16) External GPS module (Optional equipment. Please contact the Sales Dept.)

*Equipment: GPS 1 on 1 or 1 on 2,3,4…as request

1.2 Electronic Specification [for VCM-CF series]

(1) Power: DC 12V / 1.5A An ADAPTOR (free), AC100-240-DC 12V

(2) Display: 122x32 pixels, Chinese/English LCD back-lit panel

(3) Function Key: 4-key function key

(4) Power Off Data Storage: 10 years

(5) Minimum Unit of The Time Setting: 1 minute

(6) Output Pin: 8 units (7 units can be used as program controller. 1 unit can be an output for default value)

(7) Standby Status Display: Year (4-digit) - Month - Day. Clock time: Hour：Minute：Second

(8) A.F. Output: 3V p-p / 600 ohm(Ro)

(9) THD Rate: Po=20W， f=1kHz， 0.02 %

Po=20W， f=40Hz to 15KHz， 0.05 %

(10) S/N Rate: 100 – 108 db

(11) Internal Speaker: 1W, 30 db

(12) Frequency Response: 100-20kHz

(13) Dimension: Standard 1U Industrial Metal box

1.3 Front Panel Photo & System Function

Mainmenu A01/04
Time Adj

" +" , "-" key to adjust the flashing column
"Enter" key to move to the next column
"Cancel" key to return to the main screen

Mainmenu A02/04
Set sch.

Set sch. A01/12
MON 01/80

MON sch. A01/80
00:00 – 00:00

MON sch. A01/02
Modify?

MON sch. A02/02
Delete?

It'll take more time if there are a lot more schedules to be deleted at one time

MON sch. A01/80
StartTime 09:00

MON sch. A01/80
StopTime 09:01

MON sch. A01/80
SoundNO 01

MON sch. A01/80
Output CH01

MON sch. A01/80
Volume 09

+/− key are used to adjust the flashing column.
E key is used to move to the next column.
C key is used to jump back to the main screen.

Tracks are from 00 to 99.
If the setting is 00, it means no track plays.

Output channel can be set as the followings:
Stop-CH1~CH7-All

+ , − key to adjust the flashing column. Then click "E" key

Mainmenu A03/04
System..

System.. A01/07
Clone sch.

Clone sch.
MON = => TUE

SD1 date
JAN 01

System.. A02/07
Clear sch.

Clear sch.
MON

SD1 date
Modify?

System.. A03/07
SD setting

SD setting
SD1 date

SD1 date
Delete?

System.. A04/07
Switch sch.

Switch sch.
Sch. TAB-A

+ , − key to adjust the flashing column. Then click "E" key
Click "C" key to cancel and return to the previous page

System.. A05/07
Language

Language
Chinese

GPS Sync.
No

System.. A06/07
GPS time

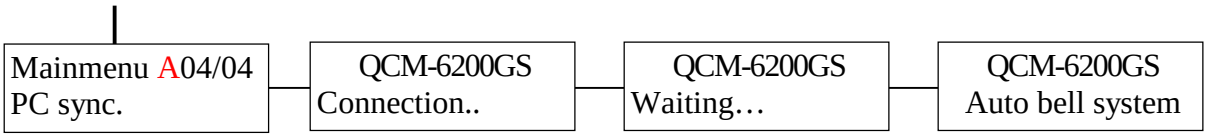
GPS time
06:55:59

GPS Sync.
Yes

System.. A07/07
GPS Sync.

Time Zone
GMT + 08:00

Sync. time
08:00



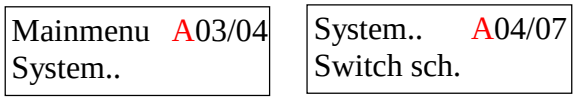
<Note>

1)When the system starts the transmitting program, it'll detect SCHEDIT program to see if it's connecting and downloading. If the system is disconnecting for more than one minute, it'll return to the previous page. System Reset can *Shut off* the system and then turn it on.

2) Transmit, edit and download the schedule data via SCHEDIT.EXE tool software on PC only.

☆New Functions：

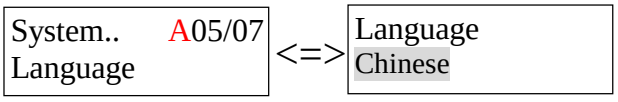
1.) Schedule Shift:



Download "Schedule A" & "Schedule B" from the SCHEDIT program.
Operate via the KEYPAD on the LCD, entering the System Setting menu→Schedule Shift.
Select the preferred schedule to program here.

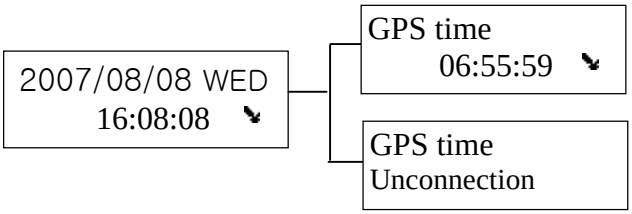
『A』means the settings are valid in the Schedule A only.

2.) Language:



QCM-6200GS LCD language interface:
Chinese/English

3.) GPS Time:

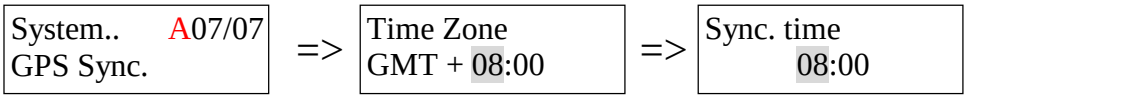


Current GPS time:
QCM-6200GS synchronizes time with GPS.

P.S: If not equipped with GPS, this function remains inactive!

*When GPS connects successfully, there'll be **a satellite icon** underneath the right side of the LCD screen on the QCM-6200GS!

4.) GPS Synchronization:



Select Time Zone first Then set the time in the time zone

For GPS Synchronization settings, the description is as follows:

When GPS time is at 08:00 in GMT +8:00 time zone, QCM-6200GS will synchronize time with GPS!!

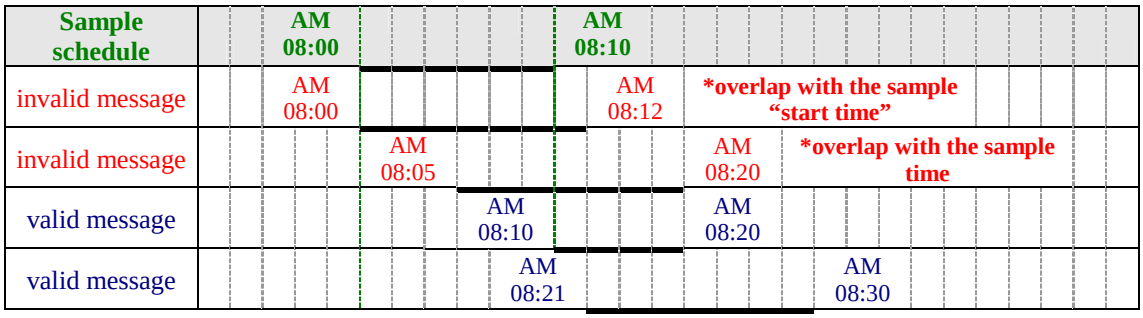
☆Attention：

1.) Please do not shut off the power supply when the system is “Saving”, “Clearing” and “Transmitting”.

2.) When the system is in the setting mode, the function of automatic broadcast (schedule announcement), but the clock and calendar still function.

3.) To sure the timer system can function, please check if it is in operation (in stand-by mode).

4.) Time setting rules for schedules (minimum unit: “minute")



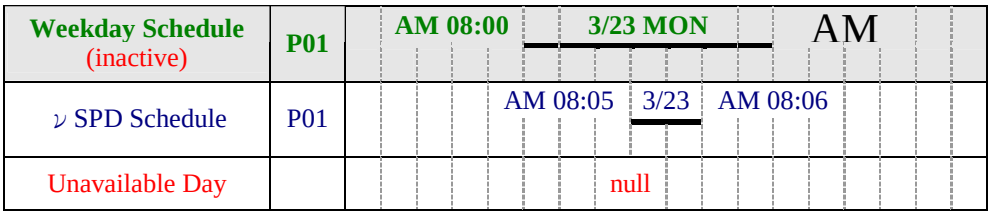
5.) Priority Rule for Schedule: Weekday Schedule>SPD Schedule>Unavailable Day

Weekday: P1~P7 are output channels for announcement. Conduct the schedules on weekdays, MON~SUN.

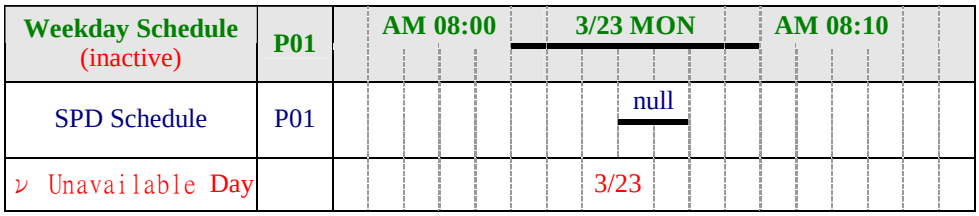
SPD: P1~P7 are output channels for announcement. Conduct the schedules on SPD (SPD1~SPD5). (If there’s a weekday schedule on a SDP, the system will conduct the one on SPD instead.)

Unavailable Day: When Unavailable Day is set in the program, the QCM-6200GS won’t conduct any schedules. (Including the weekday schedules on unavailable day)

EX:



EX:

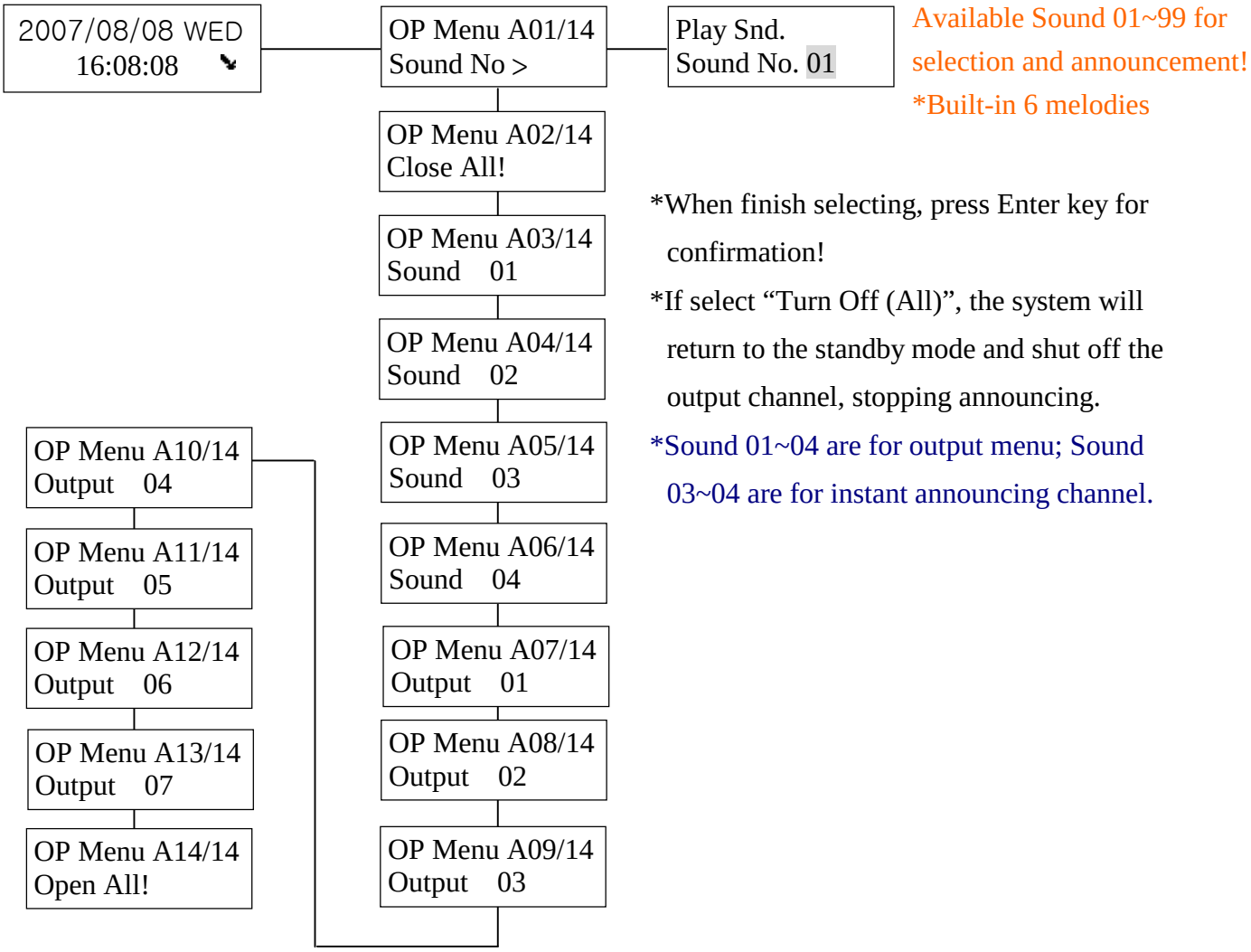


6.) Schedule Arrangement Settings

	Keypad on QCM-6200GS (manual)	PC Software
Weekday Schedule Settings (MON~SUN)	ν	ν
SPD Schedule Settings & SP date Setup (SPD.1~SPD.5)	ν	ν
Unavailable date Setup	χ	ν

1.4 Manual Operation List

In Standby mode, press the MANUAL key to enter Output Menu settings. Turn on the O/P and play the announcement manually!



Available Sound 01~99 for selection and announcement!
*Built-in 6 melodies

*When finish selecting, press Enter key for confirmation!

*If select “Turn Off (All)”, the system will return to the standby mode and shut off the output channel, stopping announcing.

*Sound 01~04 are for output menu; Sound 03~04 are for instant announcing channel.

1.5 Schedule Volume Output Adjustment

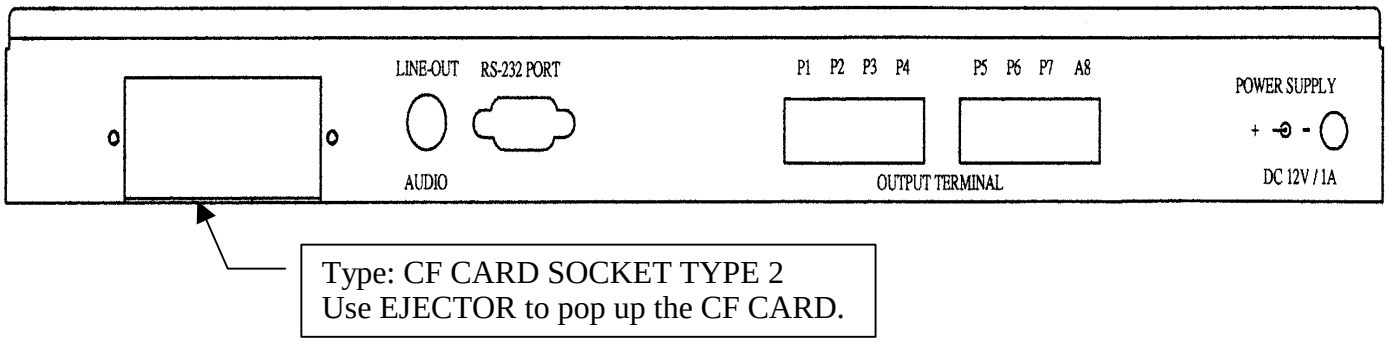
* Up to 14 degrees
* Default value is 9th degree (0 db)

0 = -78 db	9 = 0 db
1 = -8 db	10 = +1 db
2 = -7 db	11 = +2 db
3 = -6 db	12 = +3 db
4 = -5 db	13 = +4 db
5 = -4 db	14 = +5 db
6 = -3 db	
7 = -2 db	
8 = -1 db	

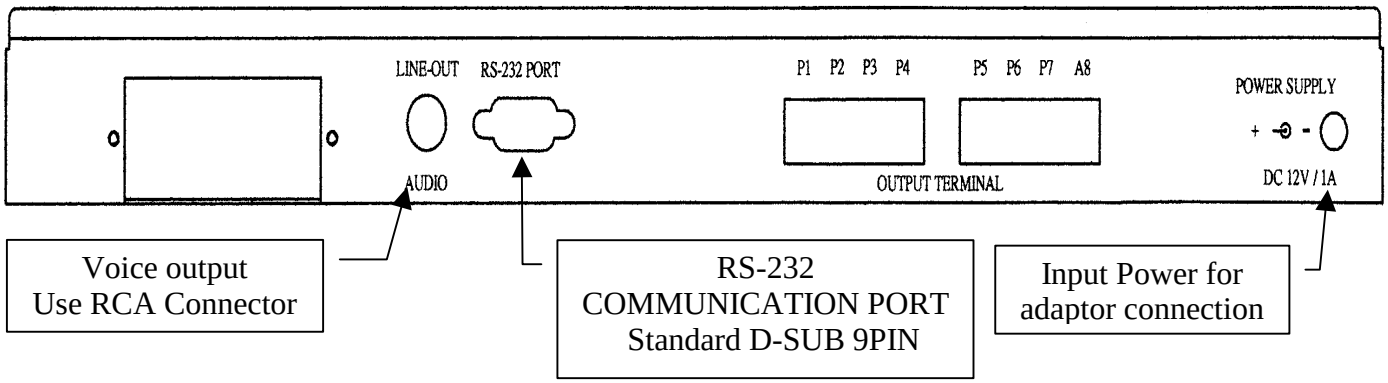
.

1.6 Back Panel Connector Illustration

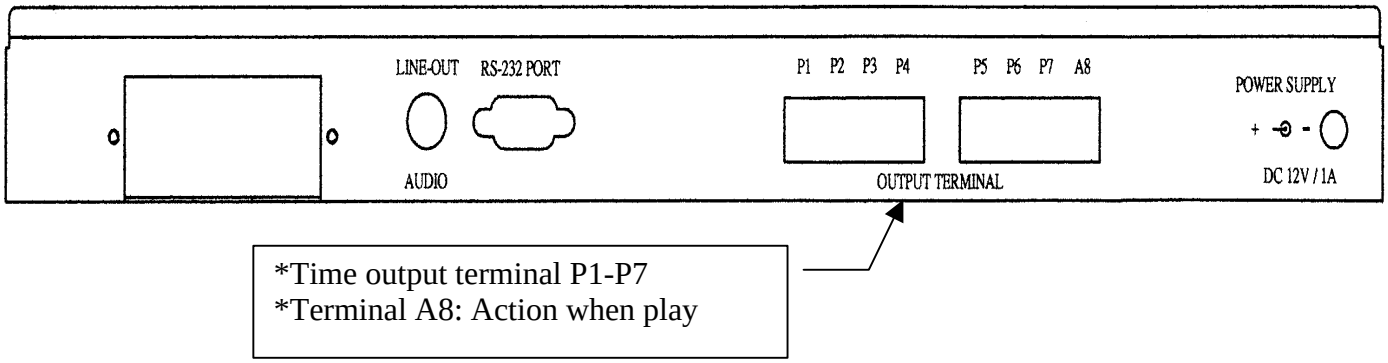
(1) Leave an open square locked by a panel on the left. It can quickly unlock the panel by dismantling the screws when change the CF CARD.



(2) Back Panel LINE-OUT / RS-232 PORT / POWER SUPPLY Illustration



(3) Back Panel RS-232 PORT/CIRCUIT CONTROL OUTPUT CONNECTOR/ POWER SUPPLY illustration



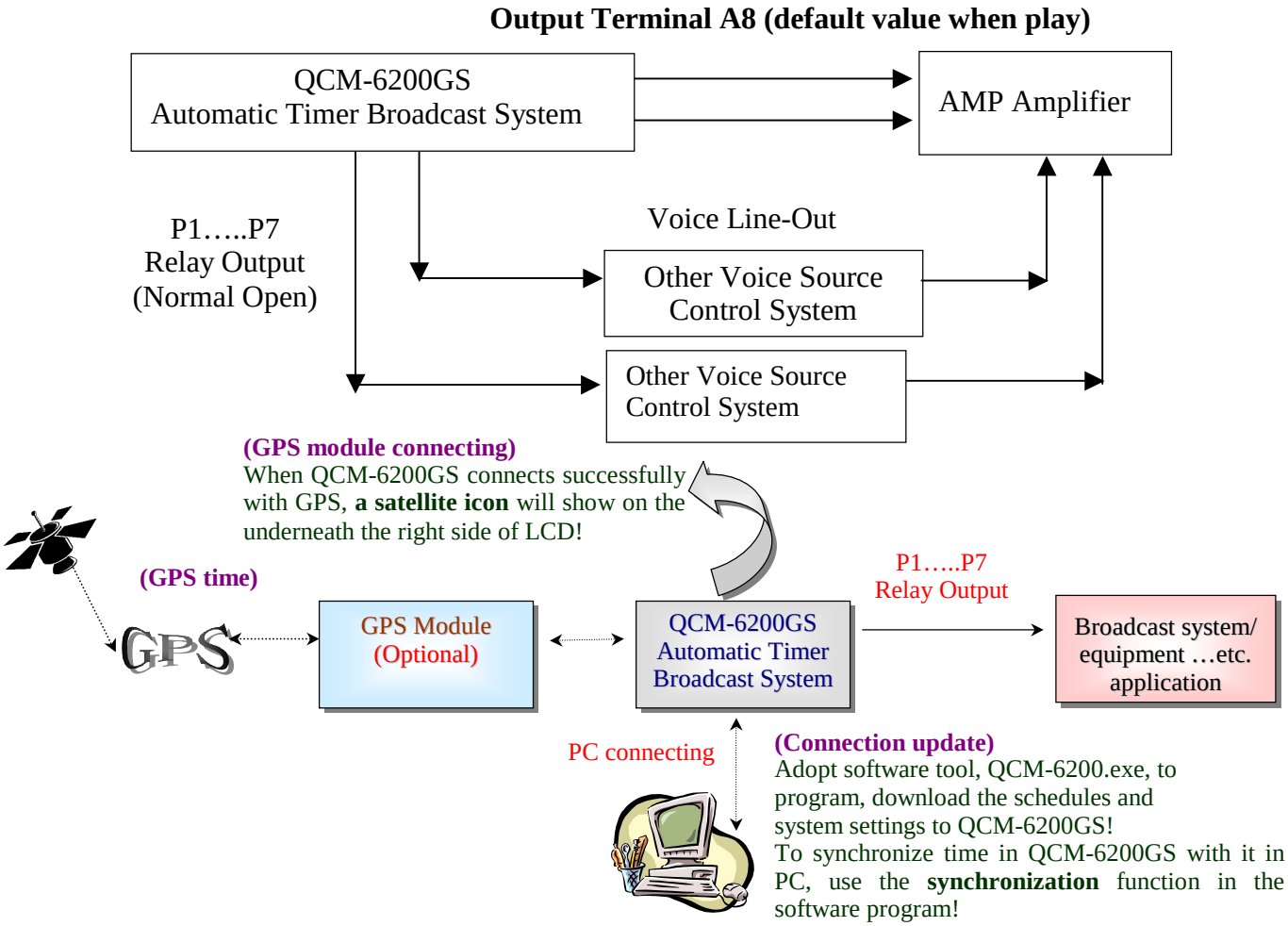
1.7 Accessory

(1) ADAPTOR × 1 (Spec.： 100~240-VAC TO DC 12V 1.5 A)

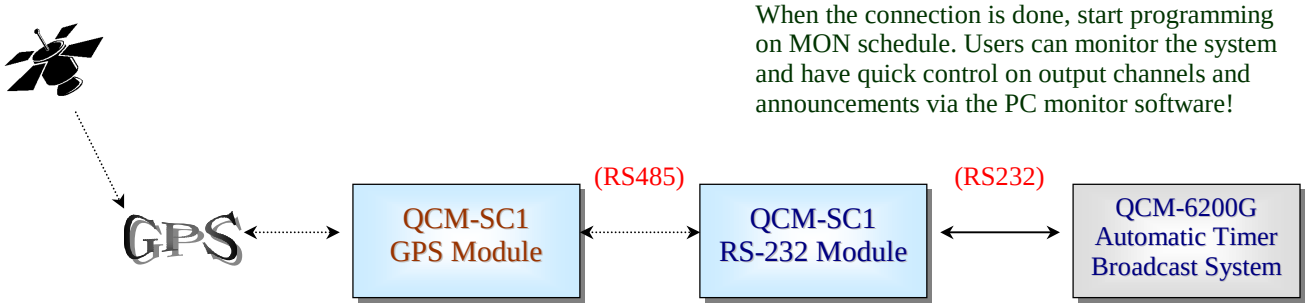
(2) L shape iron for fixing the standard 19” (rack for mounting) × 2 pcs

(3) CD-ROM× 1

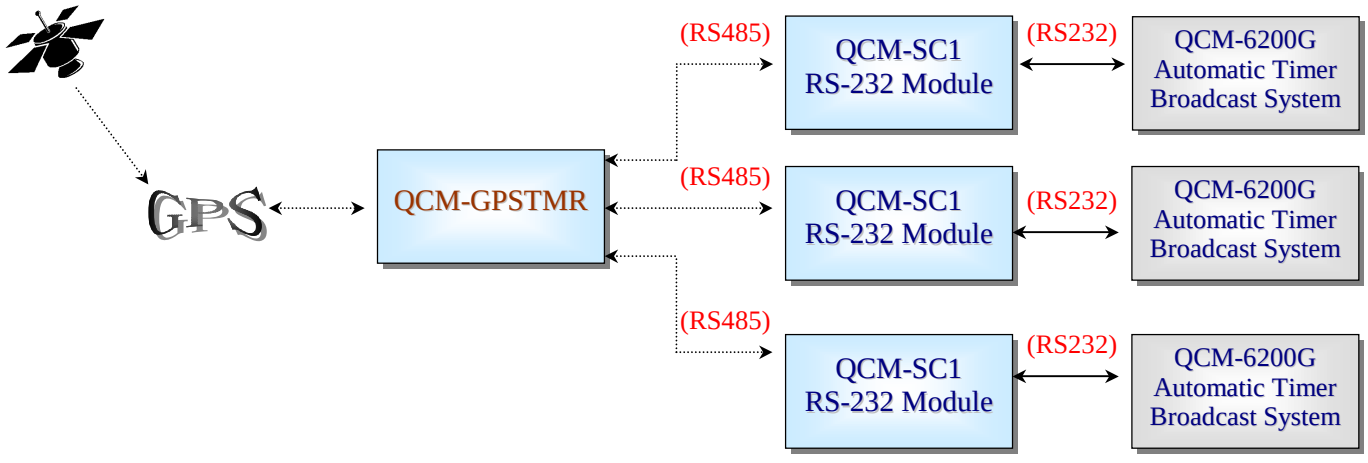
1.8 System Functional Diagram



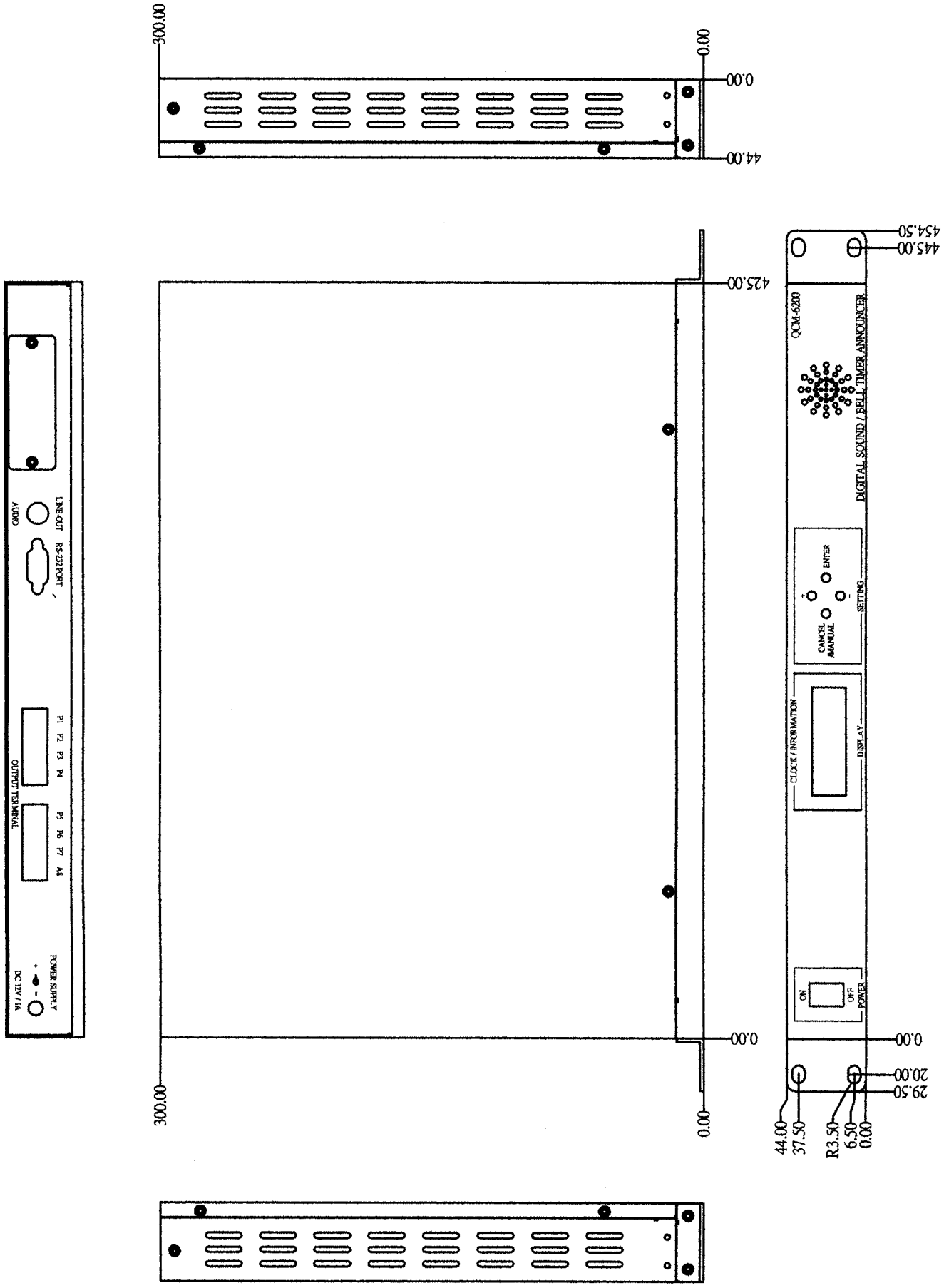
- GPS 1 on 1



- GPS 1 on 2,3,4…



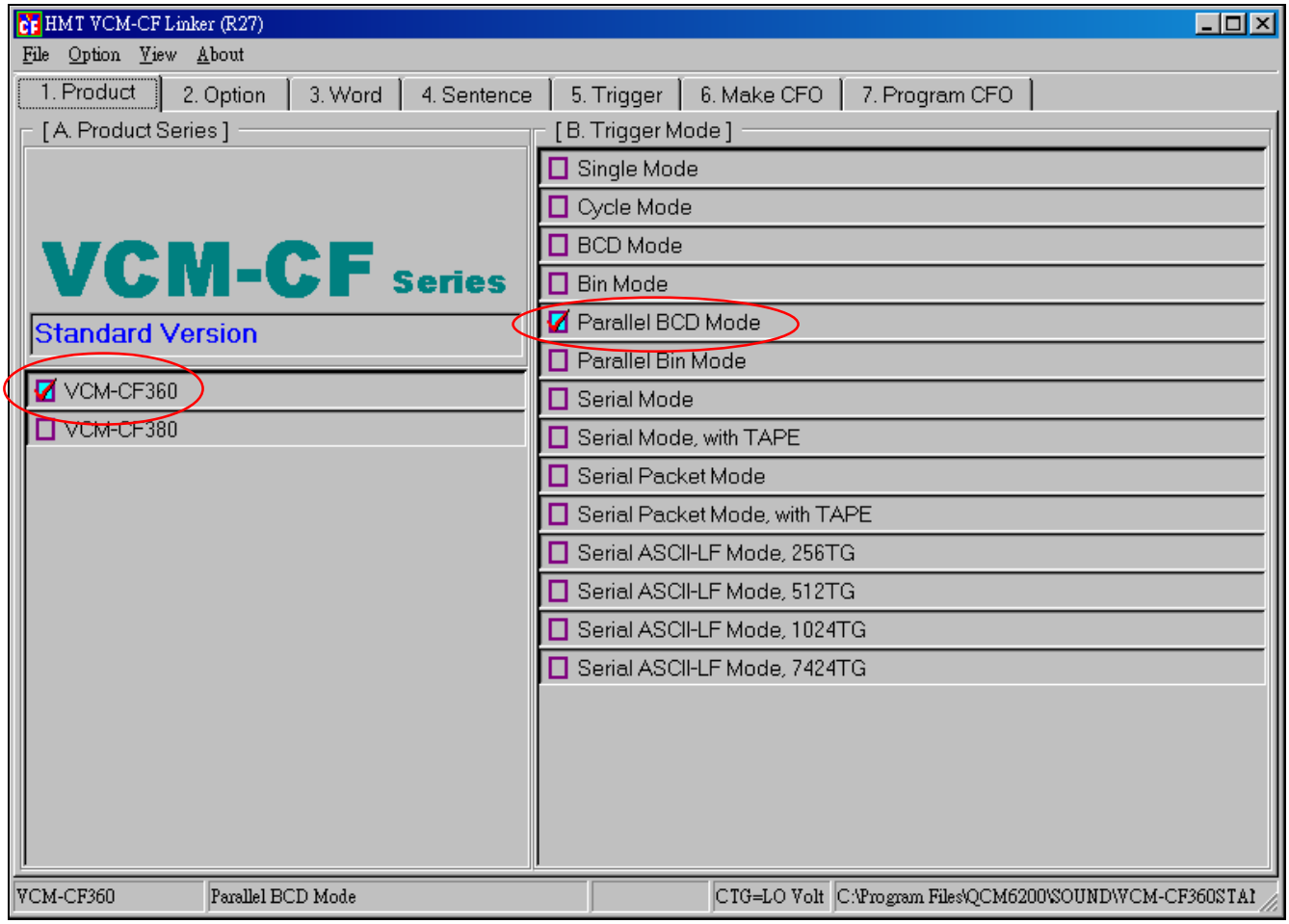
1.9 Metal Box Dimension



2.1 CF LINKER Tool Software Instructions

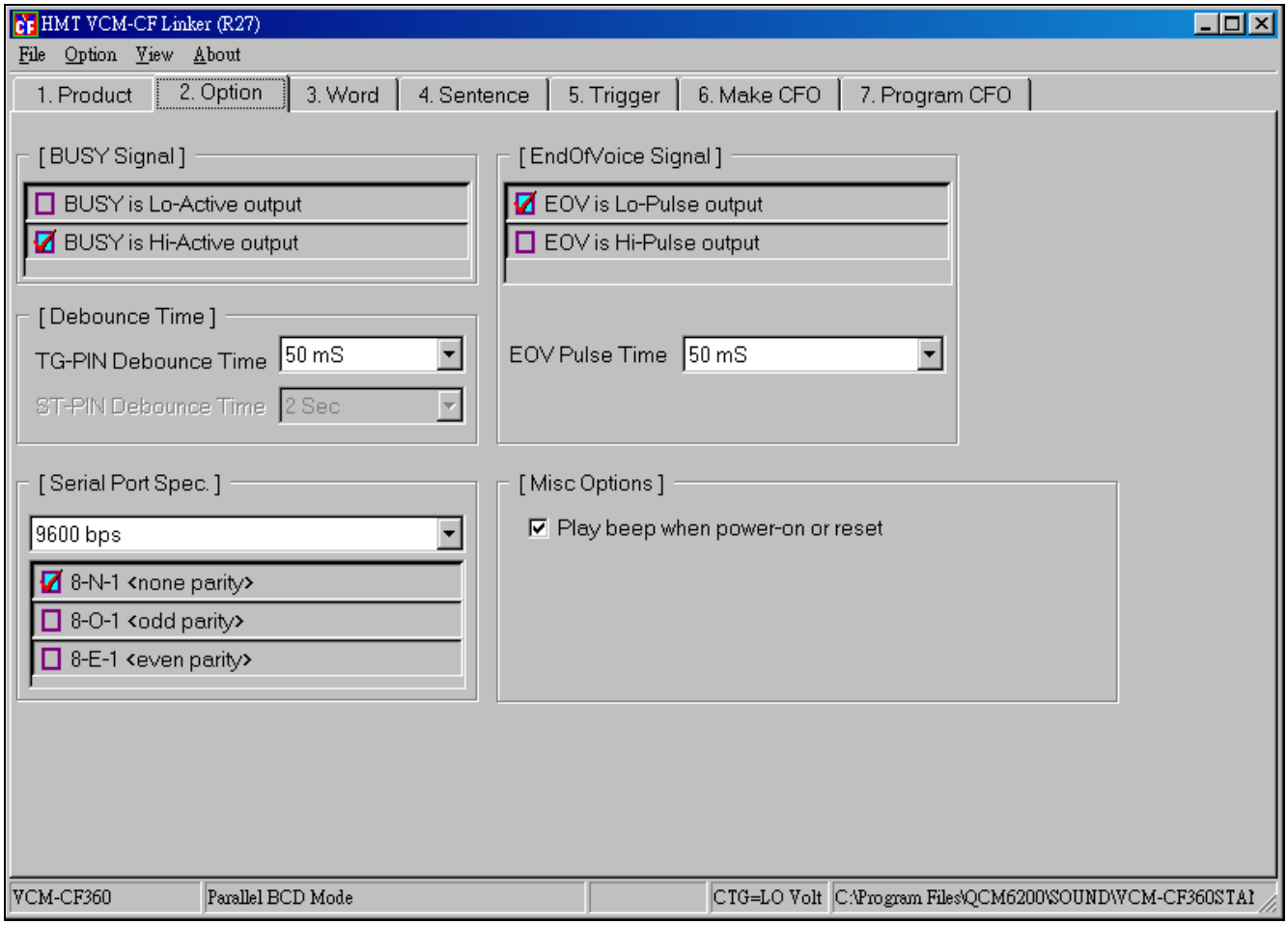
QCM-6200 is built-in 6 melodies and equipped with VCM-CF360 voice module. Via CF LINKER tool software, users can add new voice files by restoring them before making the ROM file and arrange the schedules via the LCD front panel. Clone the catalogue from the CD-ROM to hard disk C. Then load the setting file, ***VCM-CF360 STANDARD.VCP***. Follow the steps below to edit and update the QCM-6200G.

2.1.1 Selections for Product Series and Trigger Mode



*Product Series ： Tick “VCM-CF360”
*Trigger Mode ： Tick “Parallel BCD Mode”

2.1.2 Option Setting

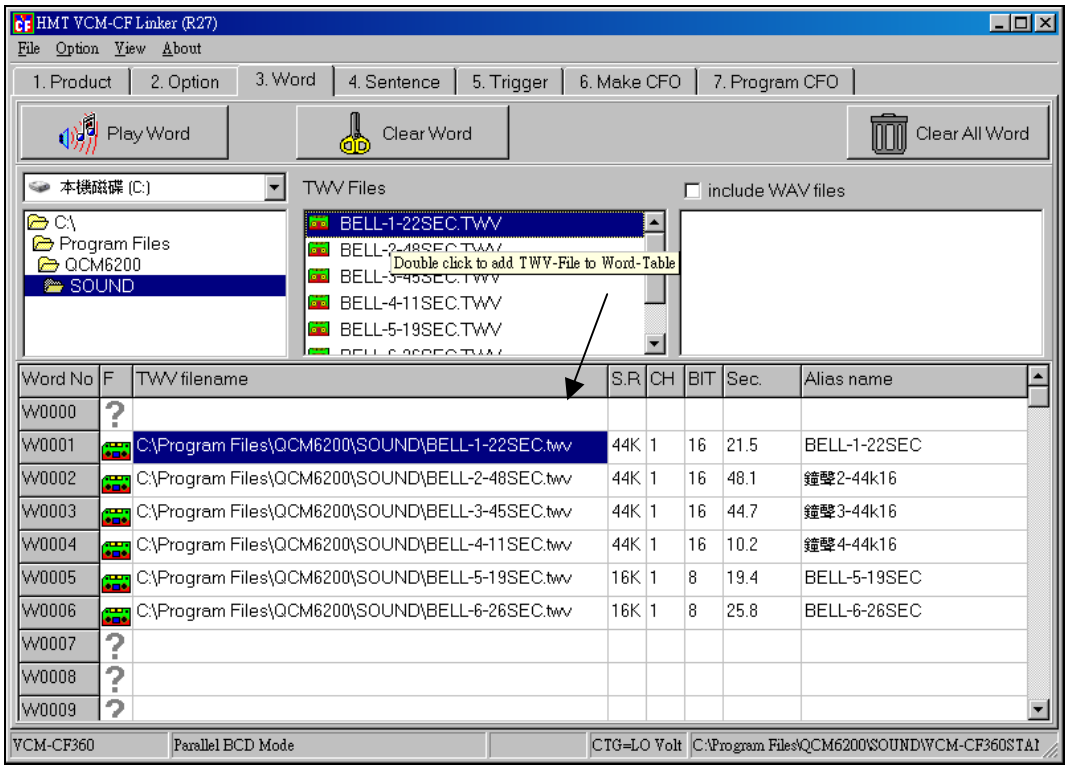


"Operation" can leave unchanged.

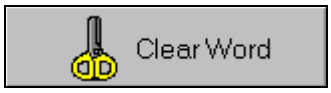
2.1.3 Voice Source File Setting

Double click on the TWV file or WAV file to place the selected file(s) to the Word Form below.

When the selected file is in a WAV format, it'll be transformed into a TWV format automatically.

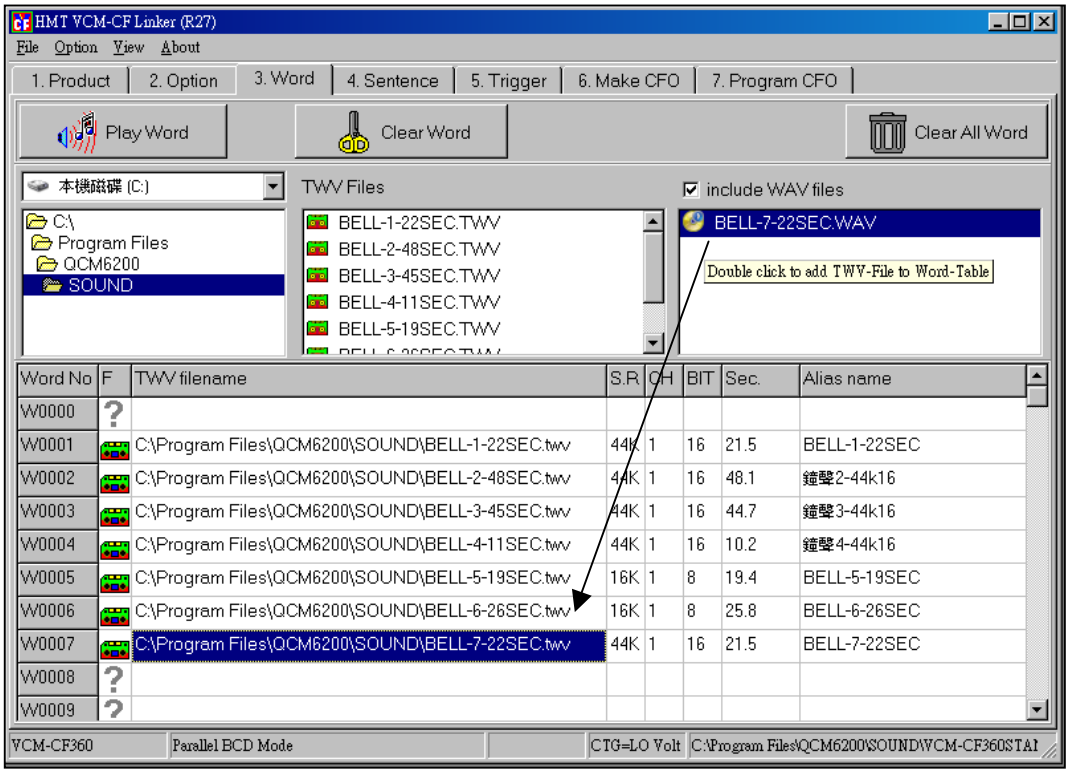


Play the selected voice file (Word file)



Clear the selected voice file (Word file)

Clear all voice files (Word files)

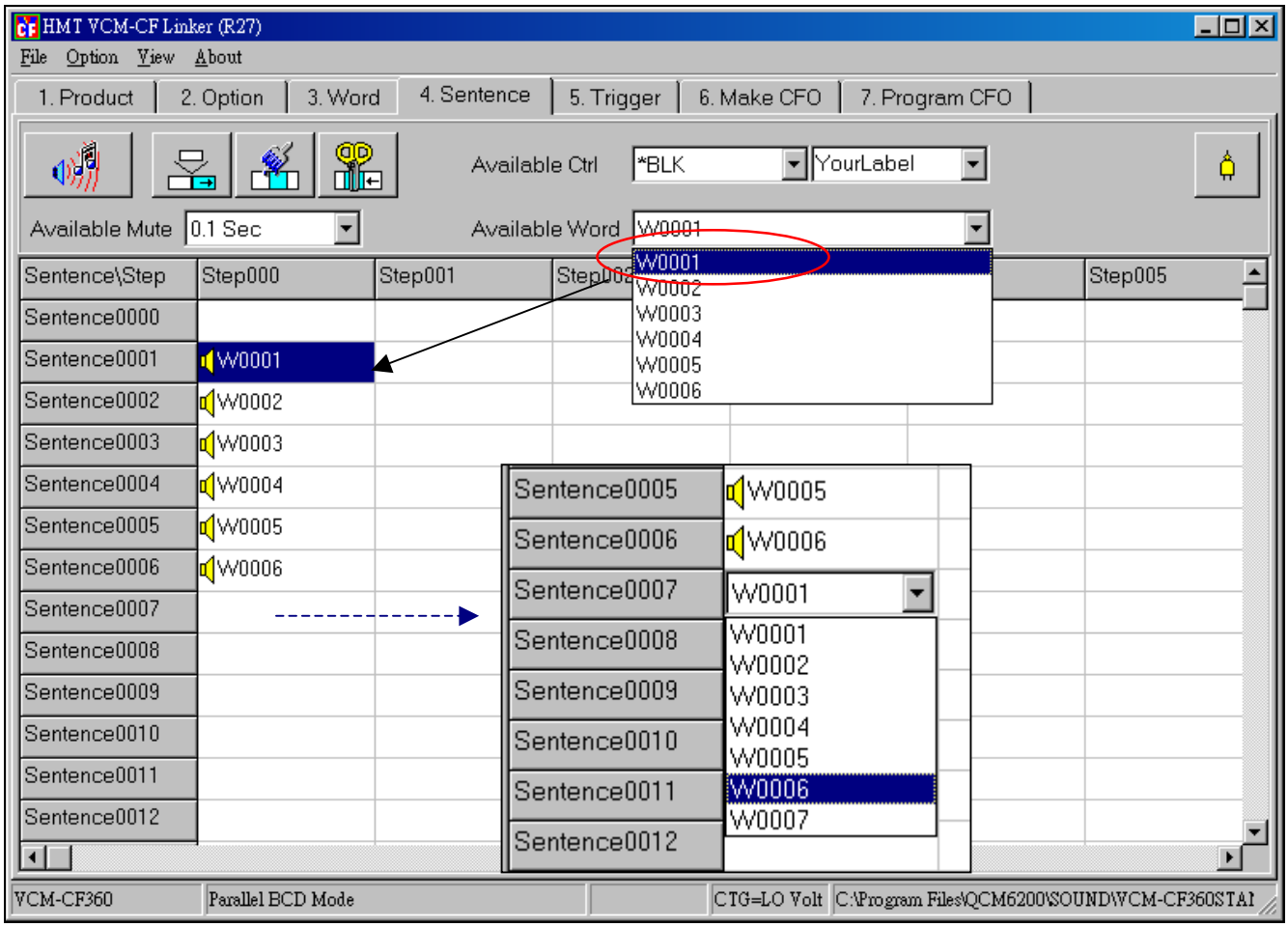


*Six melodies are set initially. For mixing a new file with the initial voice files, please save the initial files in the correct Path or a new set-up root.

*Newly add an example bell-BELL-7: ① Load in a voice file as W0007 (in TWV/WAV formats)

2.1.4 Sentence Arrangement

The content in each Sentence can be composed of Available Word or Mute.



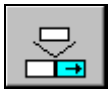
By using **Available Word pull-down menu, you can select a Word file and place it in the Sentence-Step. Or double click in the Sentence-Step, the Available Word option list will appear. The WORD file only takes up the memory for the first use. Keeping placing the same WORD file in sentences won't take up any memory again.

[Attention]

The selected Word file only appears on the Available Word pull-down menu under the operation [3.Word] list.

 Play Sentence

 Clear a STEP

 Insert a STEP

 Delete a STEP

 Arrange a control order (Optional in this system)

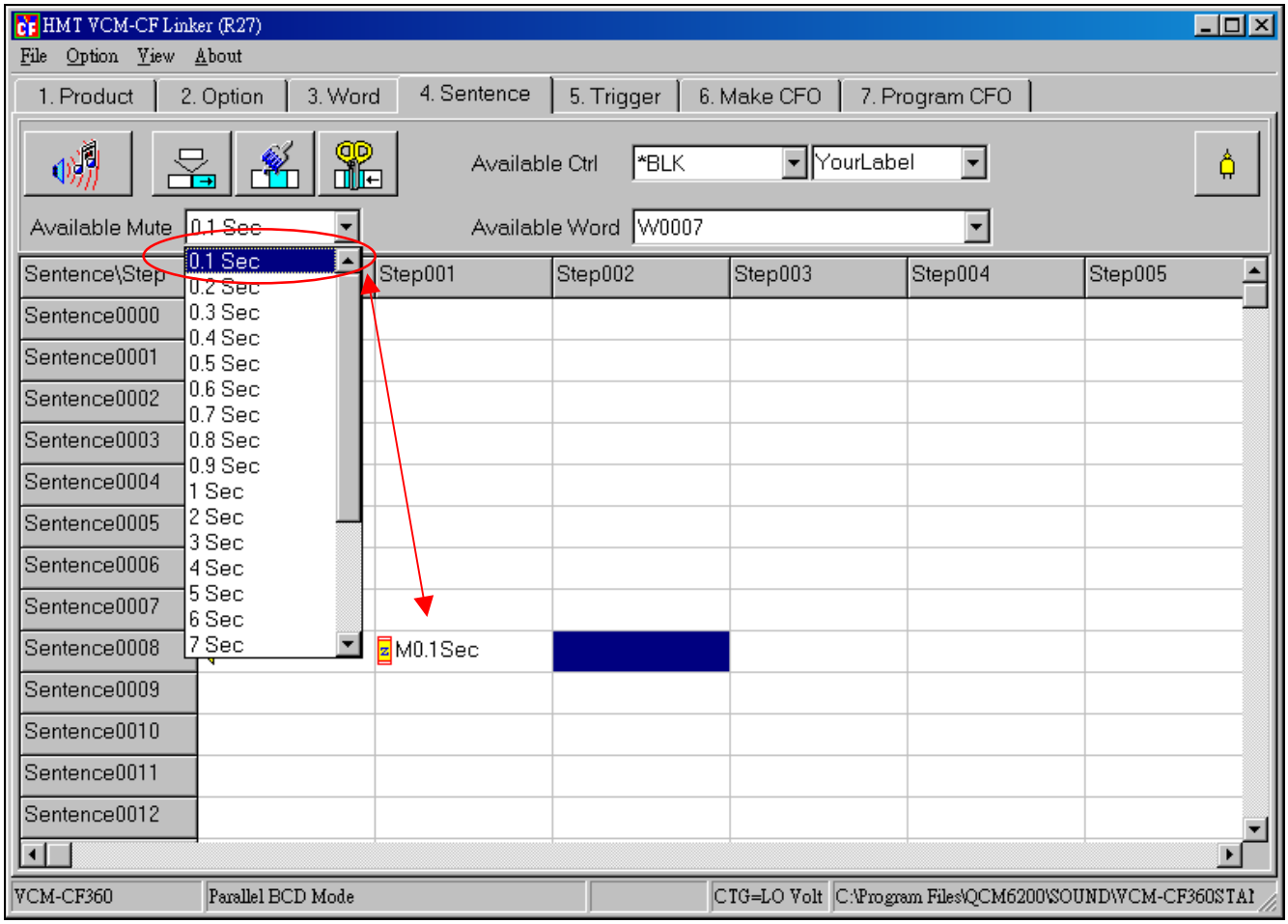
* Newly add an example bell-BELL-7: ② Place W0007 in Sentence0007

Available Mute Menu:

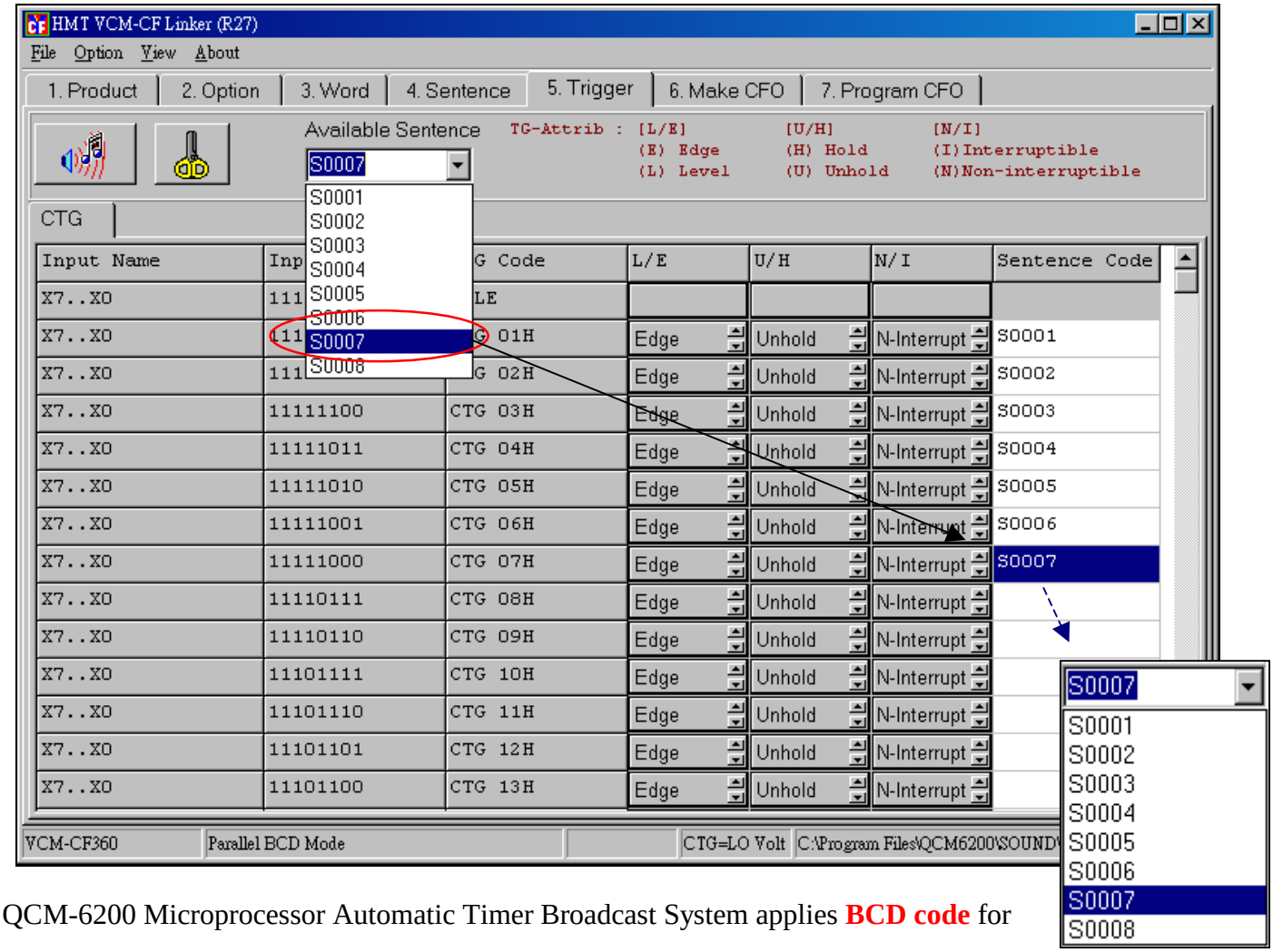
Insert a Mute in the Sentence-Step. The mute won't take up the memory.

There are 25 units to be composed of. (Mute Unit: Minimum is 0.1sec. Maximum is 30sec)

Please see the illustration below:



2.1.5 Trigger – Arrange a Sentence Code



** QCM-6200 Microprocessor Automatic Timer Broadcast System applies **BCD code** for up to 99 tracks. From the setting list, the NO.1 – 99 correspond to the "1 - 99" on the LCD front panel. Six melodies "1 – 6" are built in the CF CARD already. "7 – 99 " are free to be arranged other SENTENCE CODEs.

*** Attribute setting follows the default value under the file-VCM-CF360 STANDARD.VCP (Edge/Unhold/N-Interrupt) *** As the picture shown above.

Other function keys:

 Play the selected Sentence Code

 Delete the selected Sentence Code

* Newly add an example bell-BELL-7: ③ Place S0007 (Sentence0007) in VTG Code CTG07H

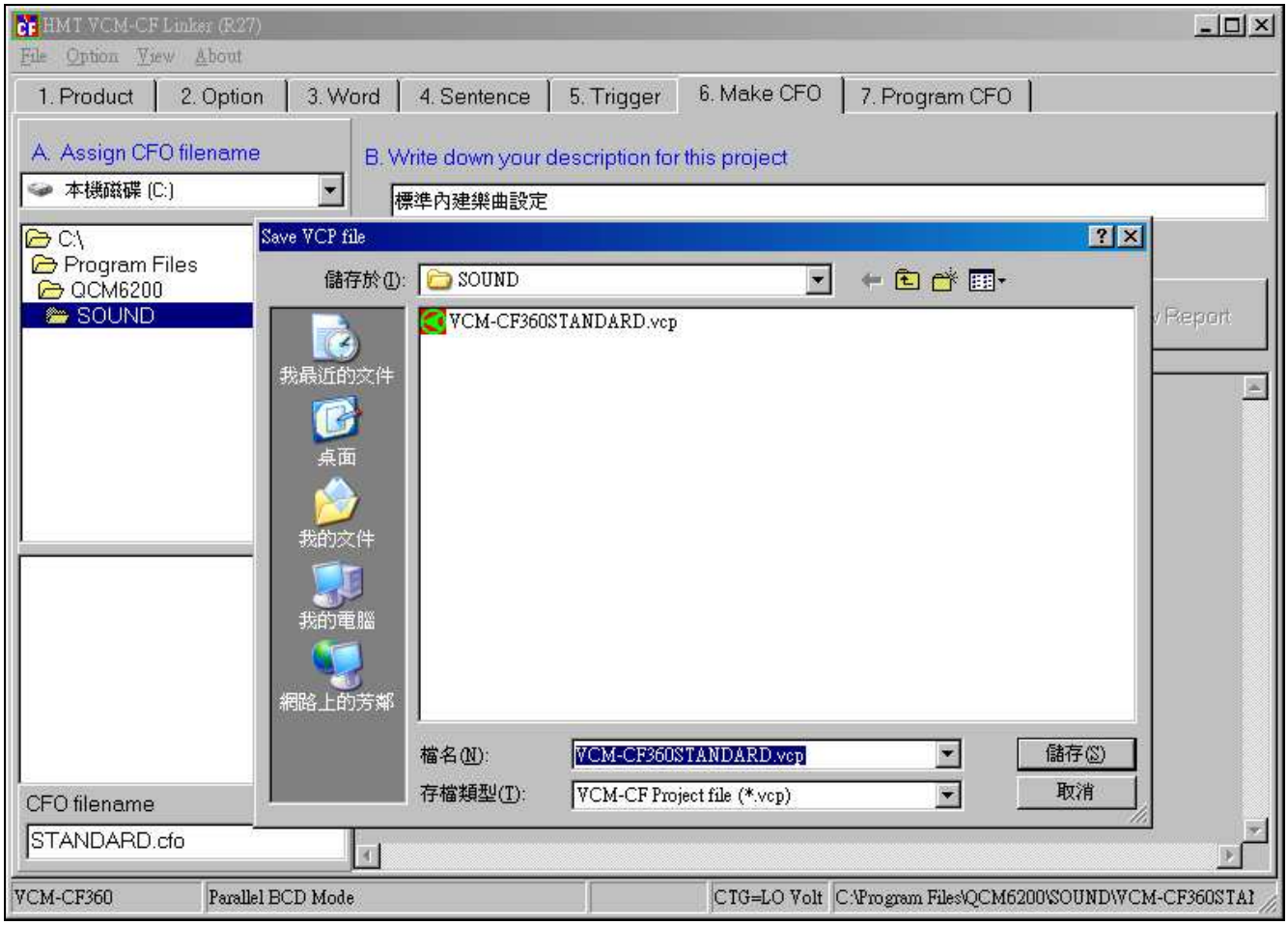
(To play BELL 8-99…, place the sentence accordingly.)

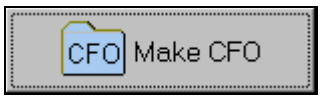
2.1.6 Make CFO File

① Select the path for saving CFO file in “A. Assign CFO filename” ! (Suggest have the same path as the one of VPJ file.)

② When the path is selected, please name the CFO file in “CFO filename”

③ When click on “Make CFO” key, the system will remind users to save the data in advance (Shown below). For further revise, just load in the VPJ file to program.





Operate the function to produce CFO file

The extension name for VCM-CF is “.VCP”.

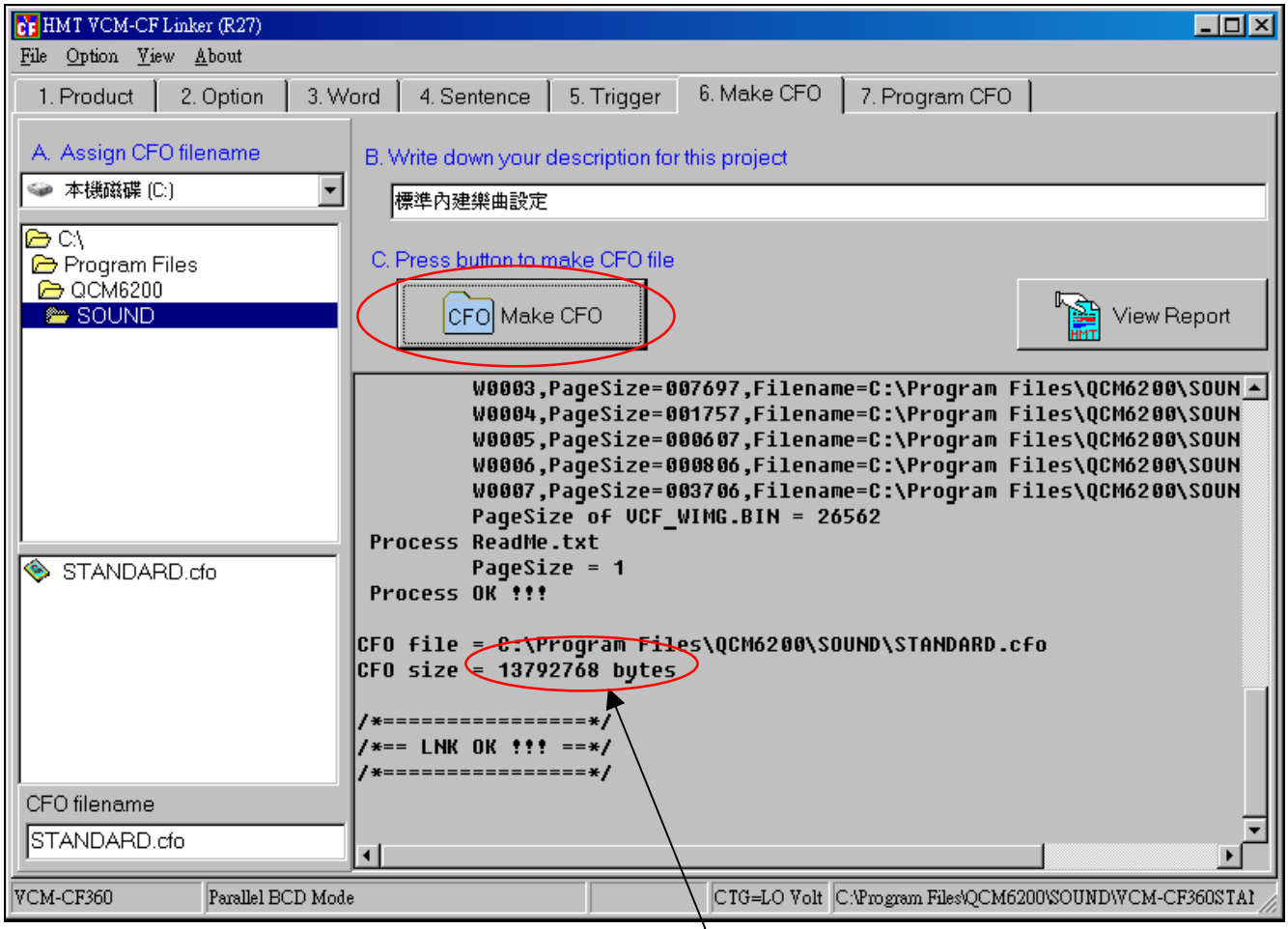
* Newly add an example bell-BELL-7: ④ make all the setting data as a CFO file

The picture below means the CFO file is done. Users will see “CFO size = xxxxxx bytes” in the report.

It means how much storage is needed in a CF card. (1MegaByte=1048576 bytes)

[Warning!!]

The storage data in a CF card must have a larger capacity than it on the report.

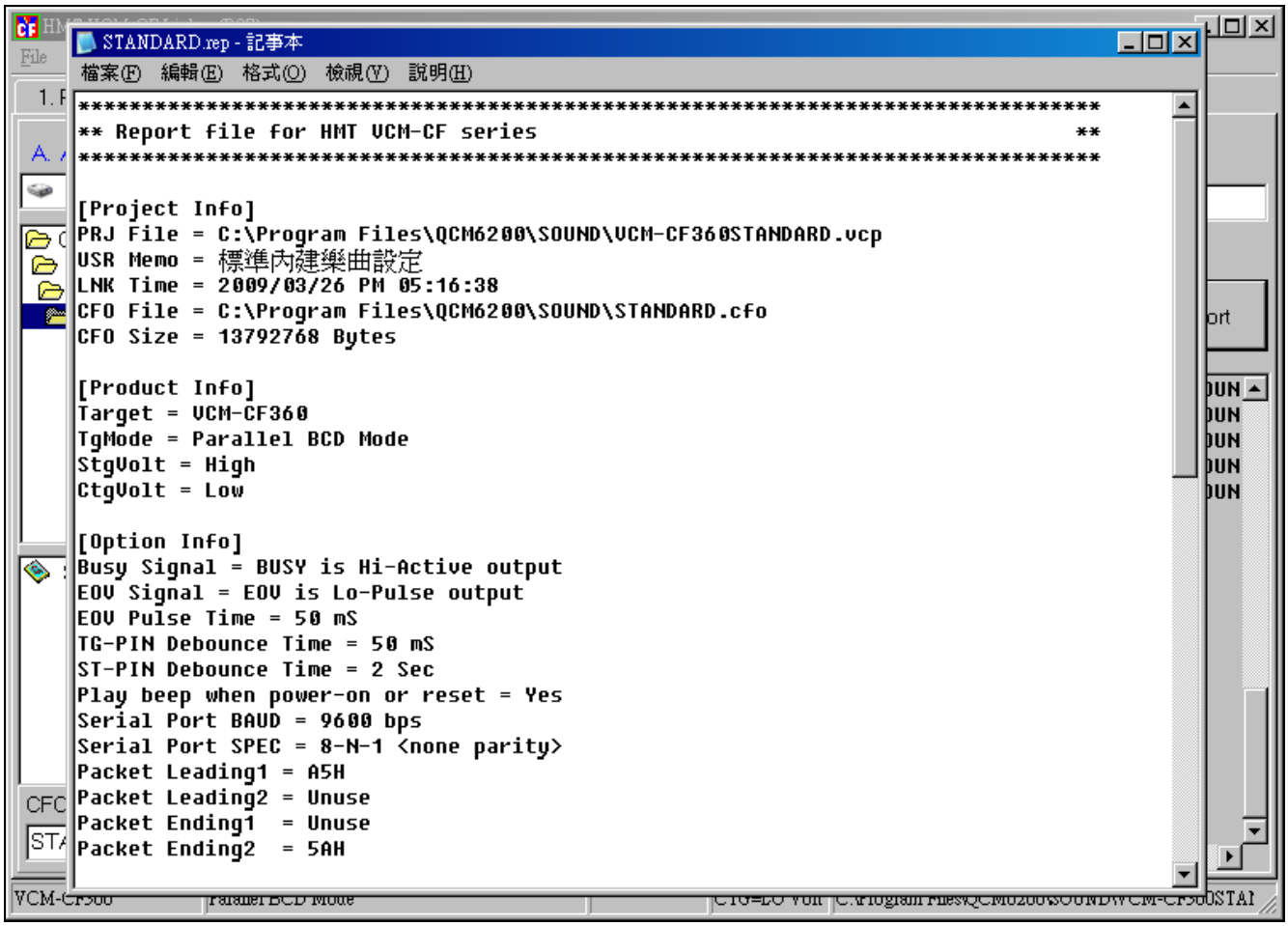


In this case, it needs at least 16MB CF CARD to save the CFO file
[QCM-6200 Standard equipment is 64 MB]

Check the report

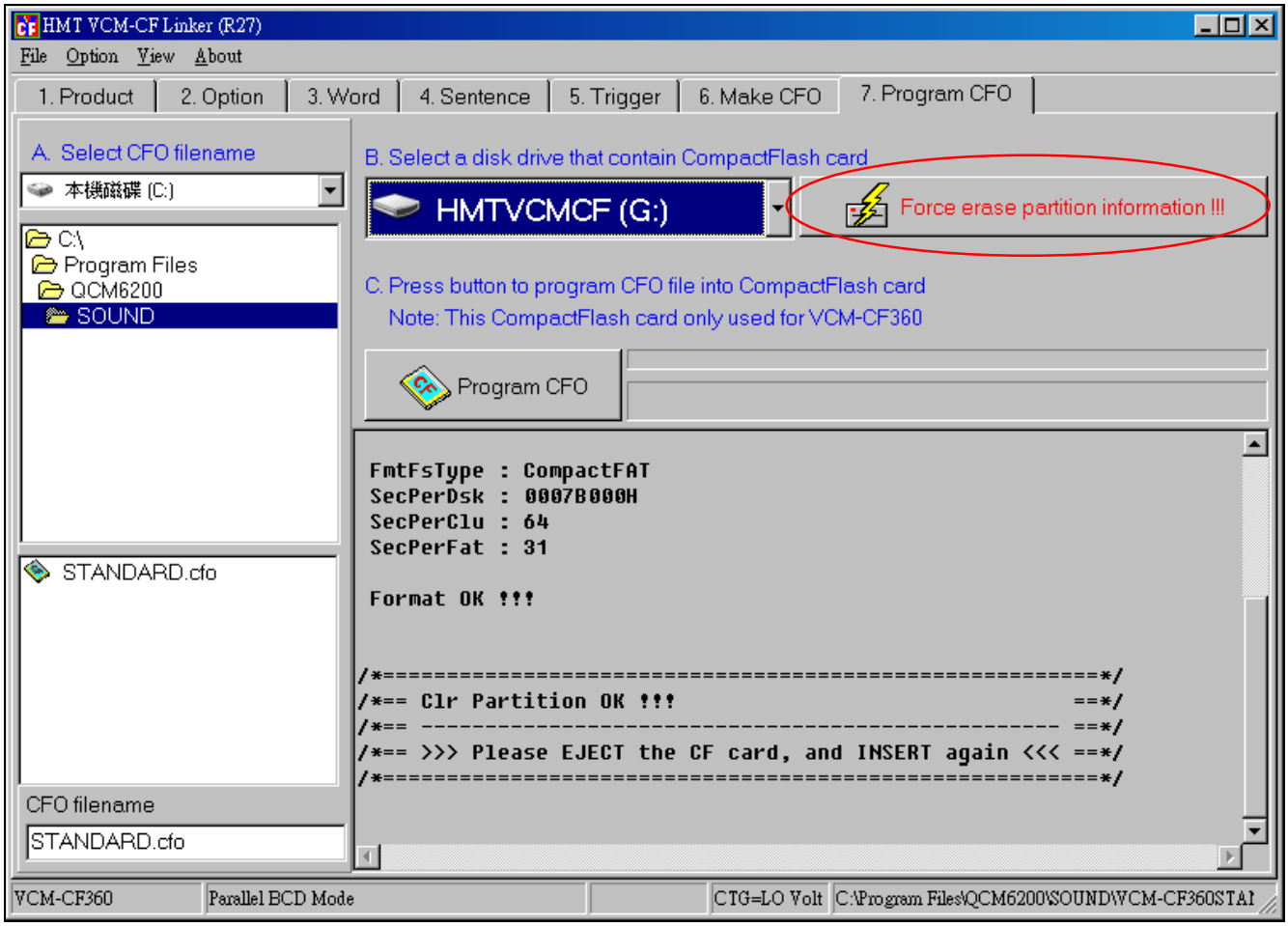
This STANDARD.CFO file can be found from [7. PROGRAM CFO] list and it needs to be downloaded to the file in CF CARD.

Click on ”View Report” and it’ll show the related information about this setting.



2.1.7 Program CFO

Select the number of the CF Reader. Then click on “Program CFO” to start programming. Write the CFO file into CF memory card. When a mistake is found, click on “Force erase partition information”. Then clear the content from the CF card.

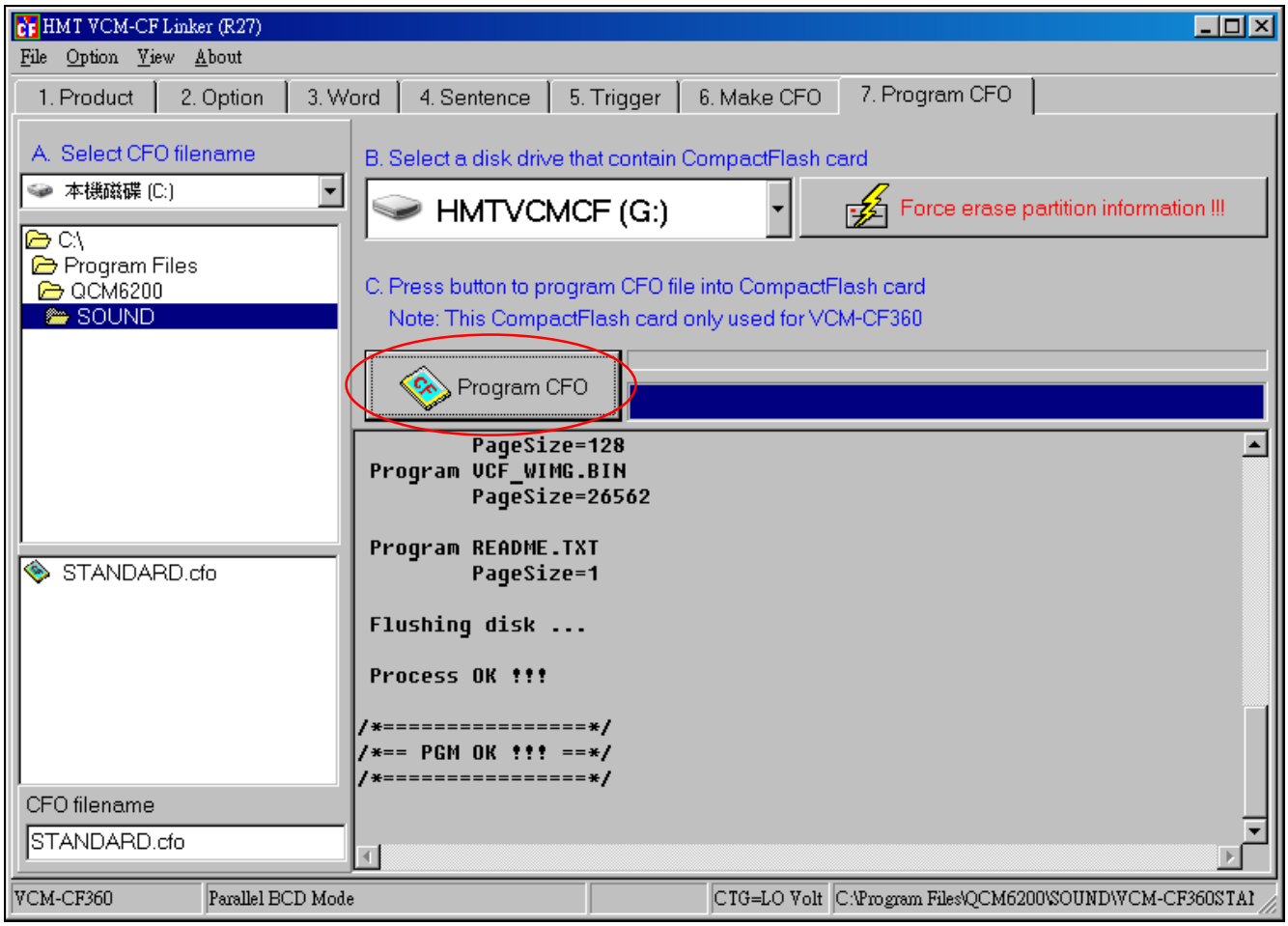


Clear partition information from CF memory card

* Newly add an example bell-BELL-7: ⑤ Place the CF CARD in a card reader, saving the files. (Format the CF CARD before saving)

[Warning!!] It's a must to use this program to download the information from CFO to CF memory card.

Do not just copy the file as what we do to other files on the computer operation!!!



Start to download the information from CFO to CF memory card

When the download is finished, plug the CF CARD back to VCM-CF360 VOICE MODULE. Follow the commands from the LCD front panel to set the schedules.

2.1.8 VCM-CF Series Malfunction Alarm

Long beep	Short beep	Management
5	3	The chipboard is out of function. Please send back to repair.
4	3	Please check if CF Memory Card is off or there's no CF Memory Card inside.
3	3	CF Memory Card content is wrong. Please restore the content.
2	3	CF Memory Card content is wrong. Please restore the content.
1	3	CF Memory Card content is wrong. Please restore the content.
3	4	CF Memory Card content is wrong. Please restore the content.
2	4	CF Memory Card content is wrong. Please restore the content.
1	4	CF Memory Card content is wrong. Please restore the content.

Warning!! The content of CF Memory Card has to be written via the program- 7.Program CFO from VCM-CF Link. Do not clone files and write other files by any other ways!!

2.1.9 VCM-CF Series Storage Voice Length Measurement

1). 8 BITS

CF CARD capacity X 1024KB / sampling rate = ???? seconds

Ex：CF CARD 256MB applies 44.1KHZ, 8BITS

256 X 1024KB / 44.1K = 5944 seconds

***The datum in red means different capacity of CF CARD and different sampling rate. These two factors will affect the length of the storage. ***

2). 16 BITS

CF CARD capacity X 1024KB / sampling rate = ???? seconds (8BITS) / 2 = ???? seconds (16BITS)

Ex：CF CARD 256MB applies 44.1KHZ, 16BITS

256 X 1024KB / 44.1K = 5944 seconds (8BITS) / 2 =2972 seconds (16BITS)

**The length measurement of voice needs to deduct the memory taken by the header of CF- CARD firstly.

2.2 TRUEWAVE Voice Edit Software Instructions

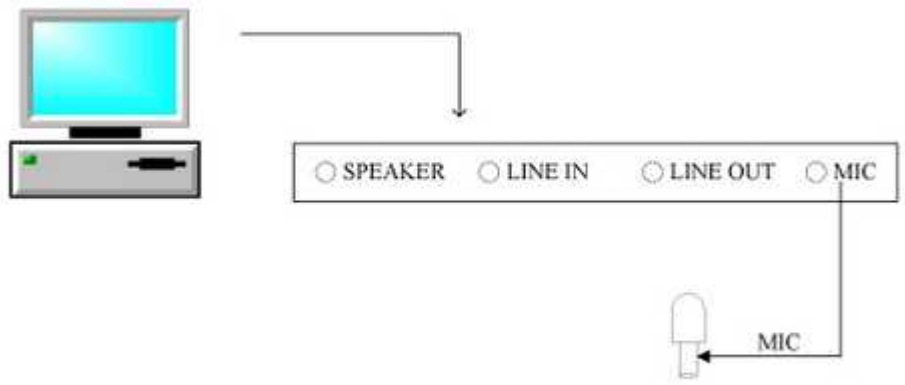
TrueWave Voice Edit Software Instruction:

2.2.1 Voice sources can be obtained from 3 types of methods below:

1. Voice files from CDs
2. Connect to the PC, record the voice source directly via the microphone. See Diagram (A)
3. Transform the files in WAV, VOC, MP3 formats into 8 bits PCM by programming

#Attention：

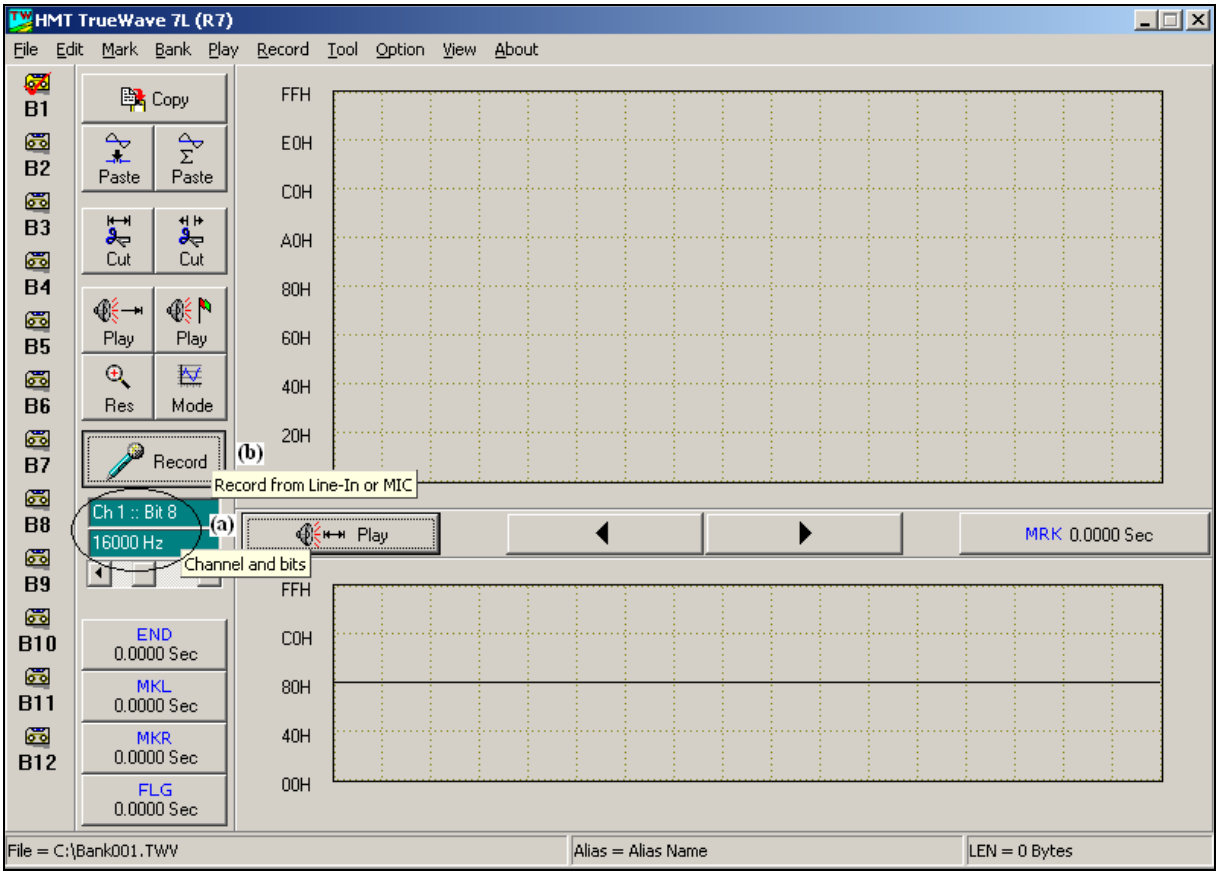
- Before recording, use the mixer software from the Sound Card to adjust the volume. Then LINE IN or MIC. Or turn on the CD
- When use the microphone from PC, please close to the microphone and avoid “noises”. Speak louder enough. Do not adjust the position of the microphone or the noises will happen during the recording.



- To make the recorded files sound better, please use a voice program(software) to eliminate the noises.

*The following is the example of the voice source from TAPE or CD player via PC:

Diagram (1)



Step 1：Check the connection between computer and playback equipment.

Step 2：Edit via TrueWave software to proceed voice recording and editing.

2.2.2 Voice Record

Step 3：Select the sampling rate. Please see (a) in diagram (1).

Step 4：1.Left click on ”Record” button such as (b) in diagram (1).

2.Then “Record” window appears. See diagram (2).

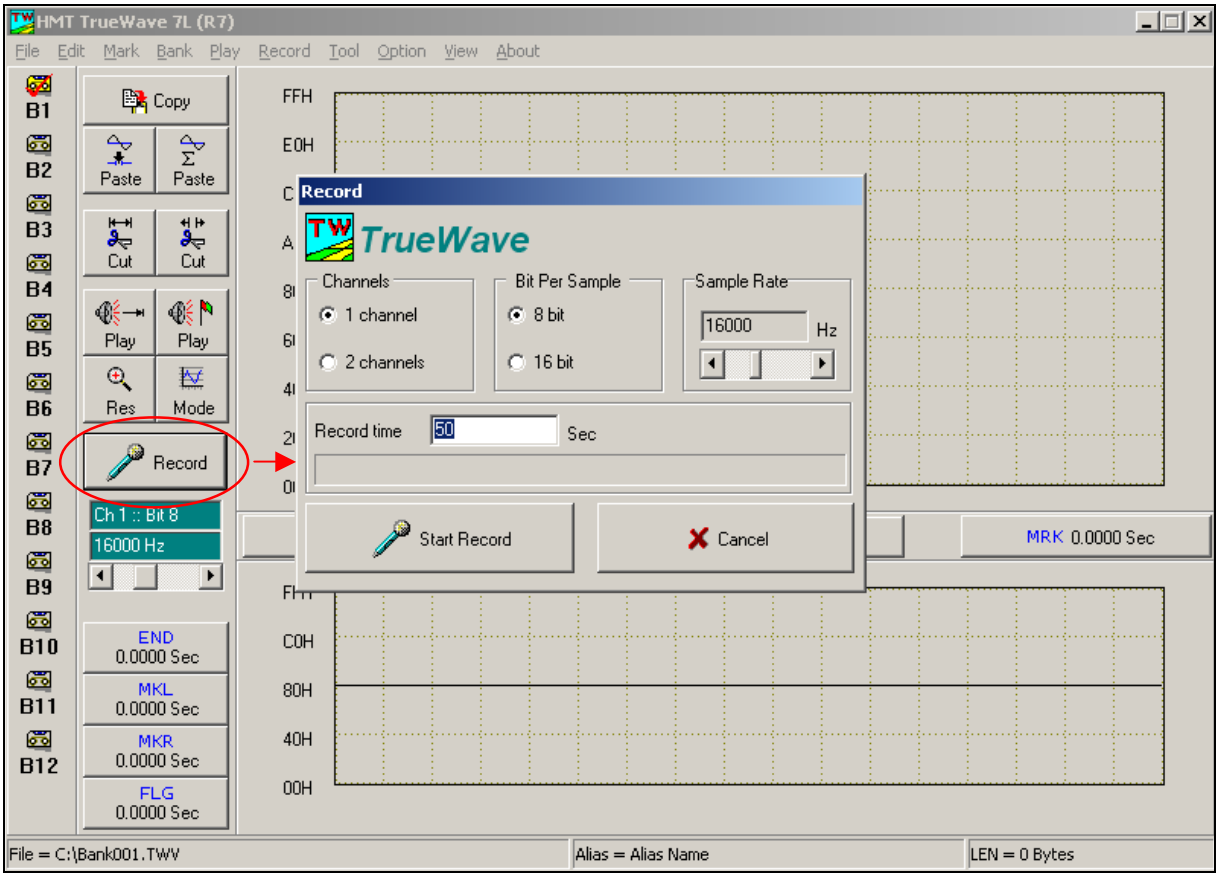
Enter the length of the recording time (XX seconds). This example is 50 seconds long.

Step 5：Record a period of mute first. If any noises are found, please remove them and then go to the next step.

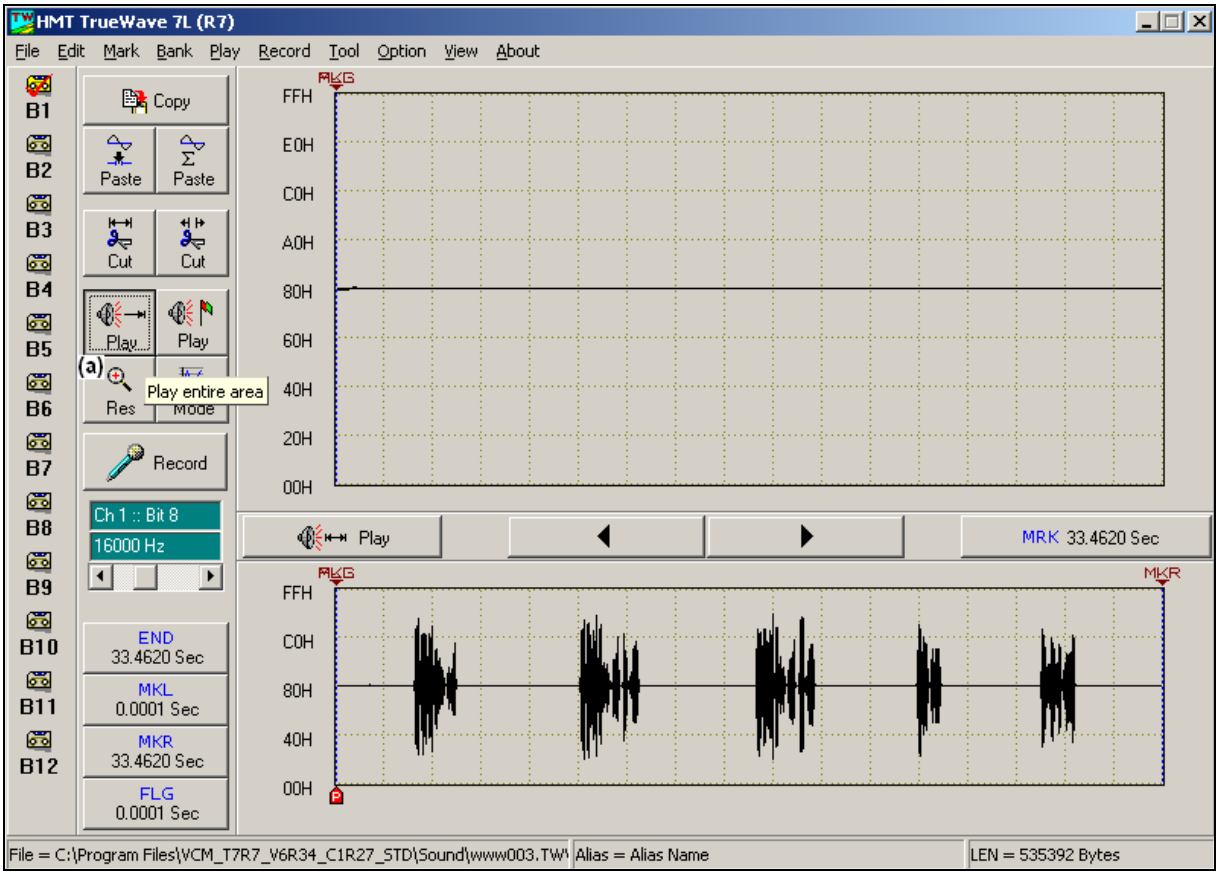
Step 6：Click on “Start Record ” and then click on “PLAY” key. The voice source will be recorded onto the computer. In Diagram (3). “ESC ”key can stop recording. Click on (a) to hear the voice source.

[Note] After the voice source recording, users can edit the files in the “Bank”s (B1~B12).

Diagram(2)

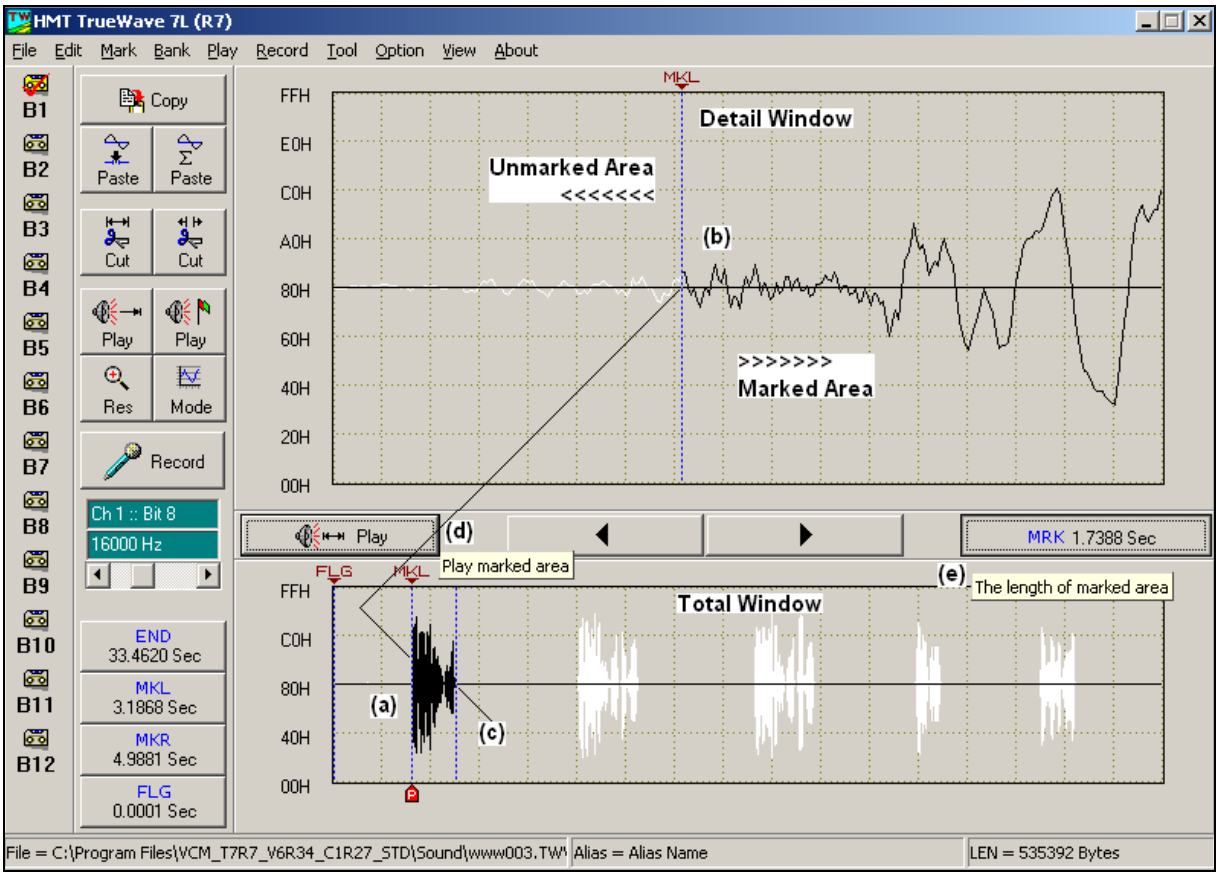


Diagram(3)



2.2.3 Voice Edit

Diagram (4)



Step7：This step is to mark a single segment for a copy and save it to edit in the other Bank.

(Please refer to Step8 for copy)

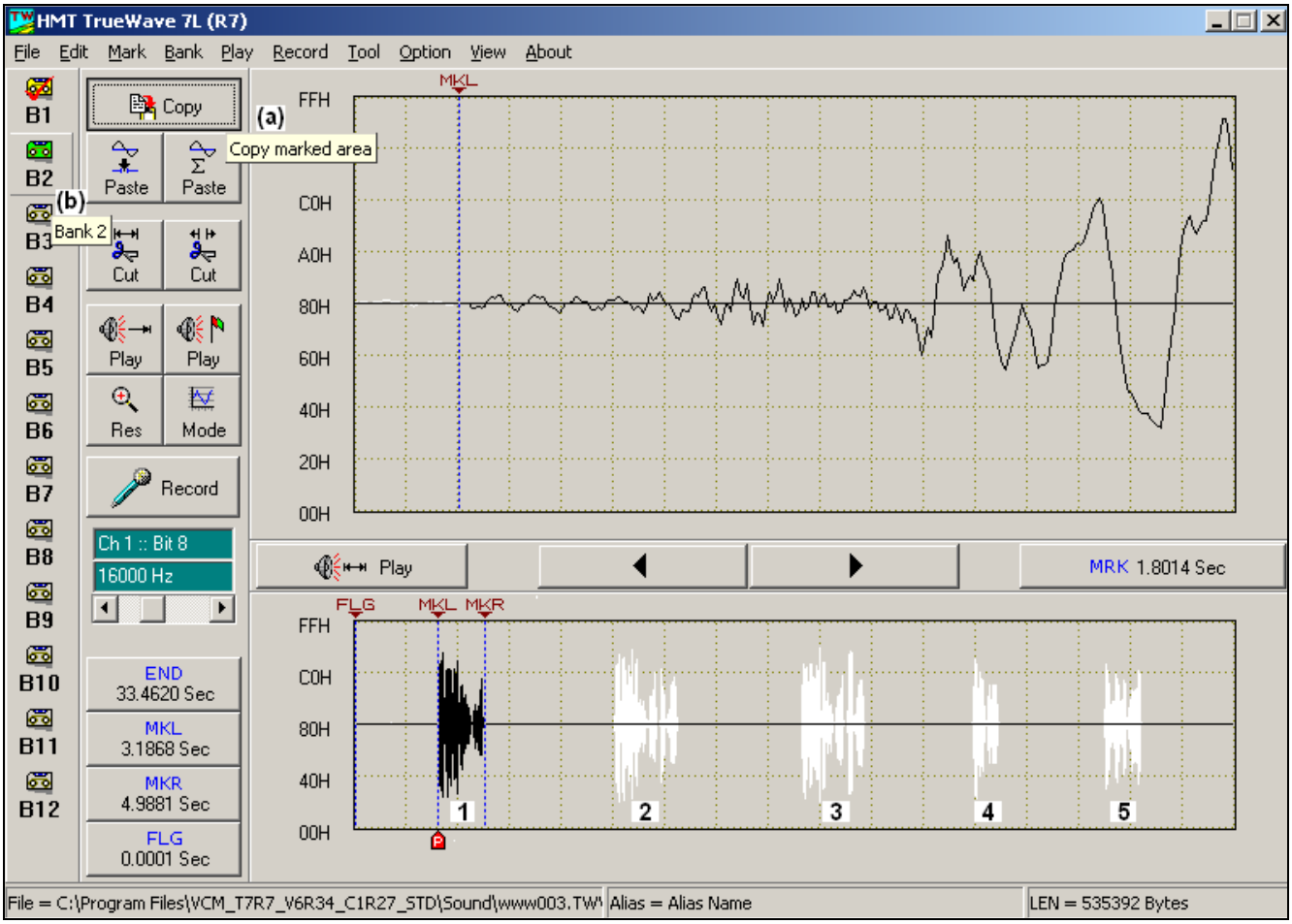
1. Marked method:

1) See the diagram (4). Left click on (a) at “Total Window“. Then, the “Detail Window” will display the wave-micro lines. At (b), left click, the left part of voice wave on the detail window will be shown in white waves. The white ones mean “unmarked area”.
2) Vice versa. Left click on (c) at “Total Window“. The “Detail Window” displays the wave-micro lines. And then right click on the Detail Window, the right half part will change into white lines. The white ones mean “unmarked area”. The black wave line is “marked area“. Able to use the black wave line as a copy to place into other banks for editing.

2. In Diagram (4), (d), click on (d) button to play the marked area. In this example, users can hear the edited voice sentence.

3. If the marking procedure doesn’t work well, you can click on " mark all " button (in diagram (4)- (e)) for re-editing.

Diagram (5)



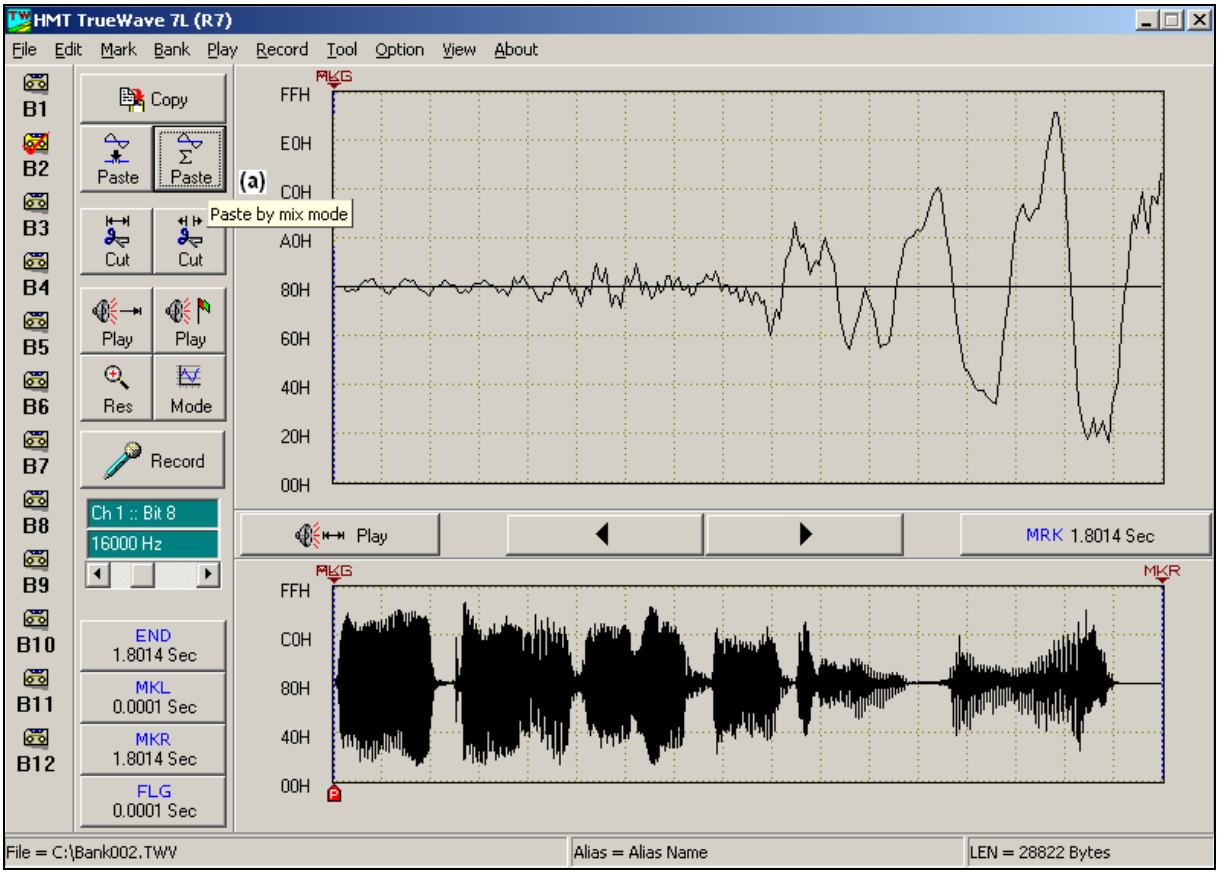
2.2.4 Sentence Copy

Step 8：Copy the marked area to edit in other banks

(This example is to copy the voice sentence from Bank1, and then to place it in Bank2 for editing and saving files.)

1. To click on “Copy “ button - (a) on the diagram (5).
2. To click on “B2” button - (b) on the diagram (5). Select a Bank. (This example is Bank 2). Then, users can edit a new voice in Bank2, a blank edit zone.

Diagram (6)

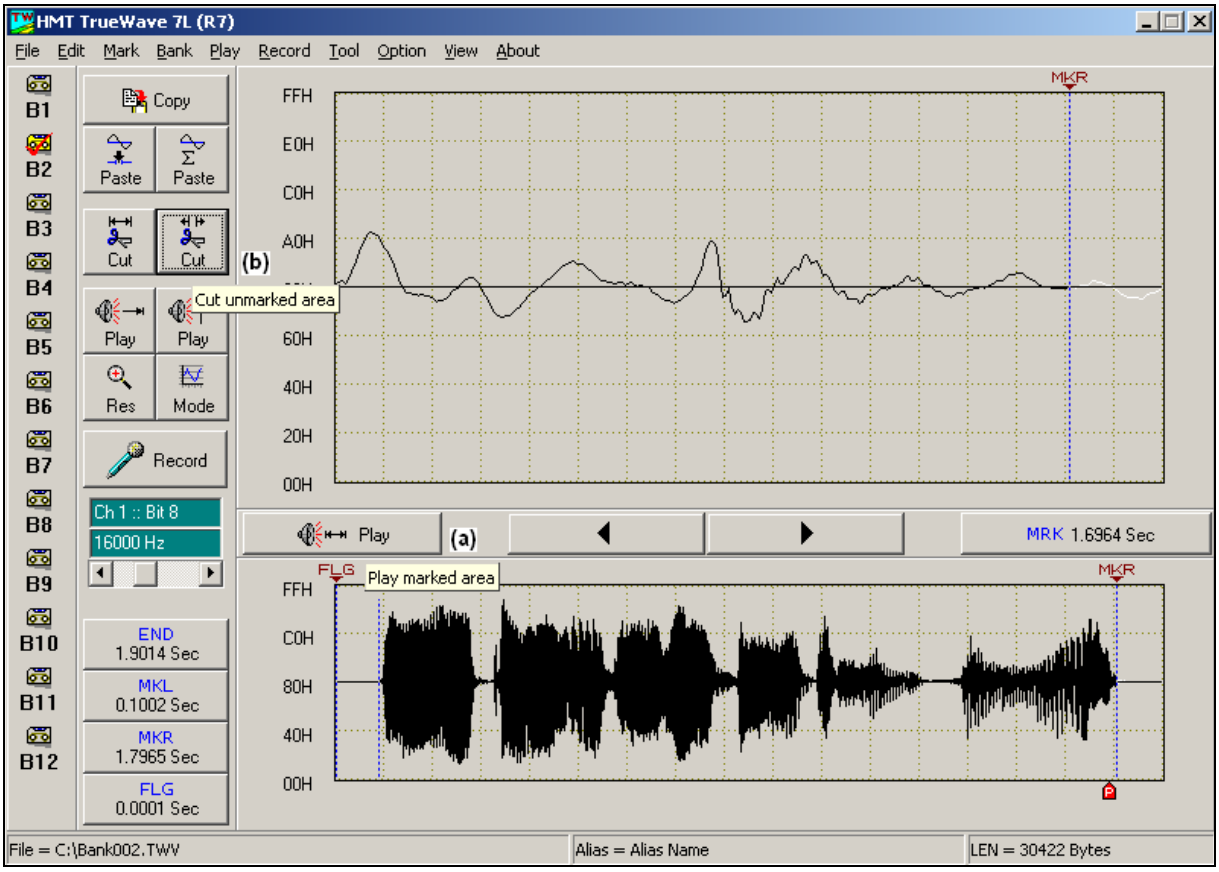


3. Click on “Paste “ button - (a) on the diagram (6).

   The copy of No.1 voice sentence will be put in Bank 2.

   Click on the “ Play” button to hear the voice.

Diagram (7)



2.2.5 Sentence Editing

Step 9：Sentence Editing (refer to diagram(7))

1.) Use the marked method to mark the range of the preferred section from the voice source.

2.) Click on ”Play(play marked area) ” button - (a), for voice check.

3.) If the sounds perform well, click on ” Cut(cut unmarked area) ”button - (b). The voice will be trimmed like this in the diagram (8).

* In diagram(8) below, the No.1 voice sentence is done.

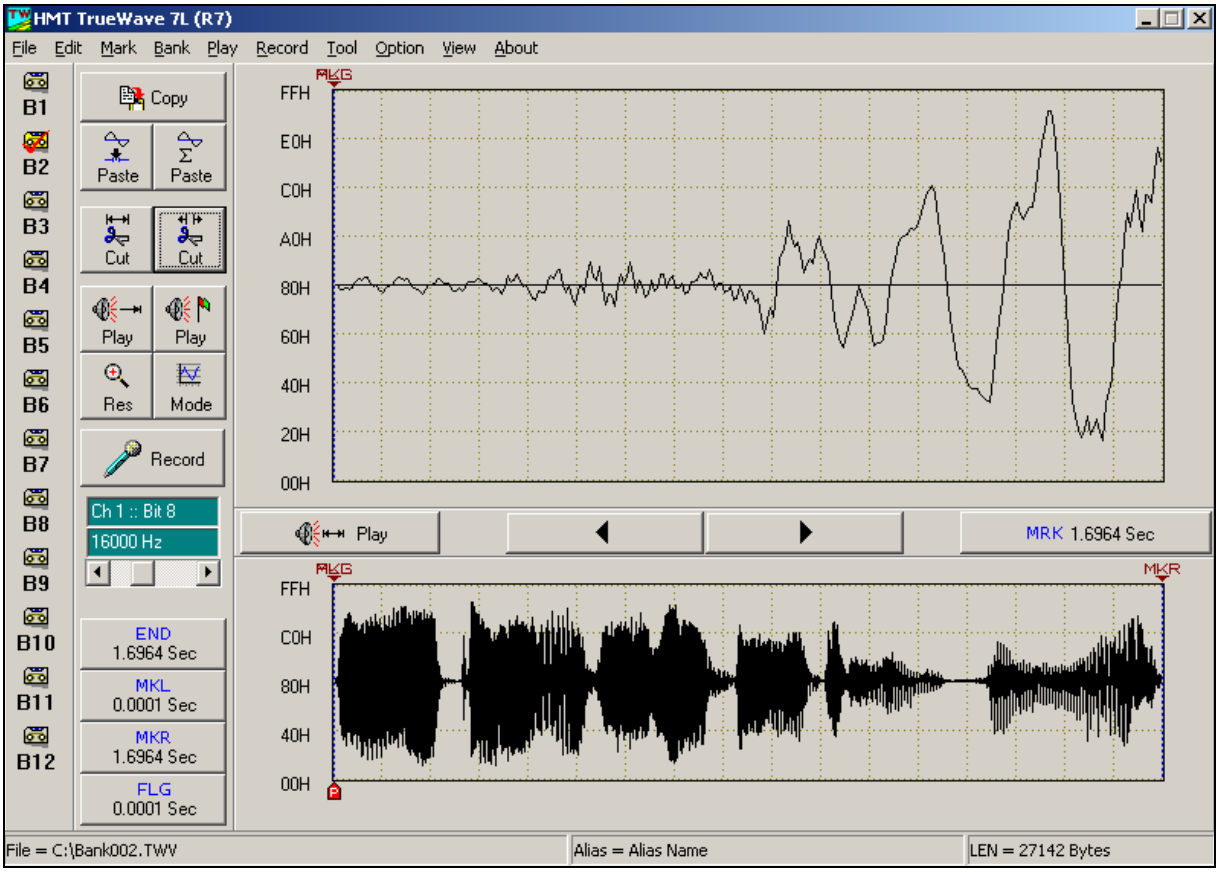
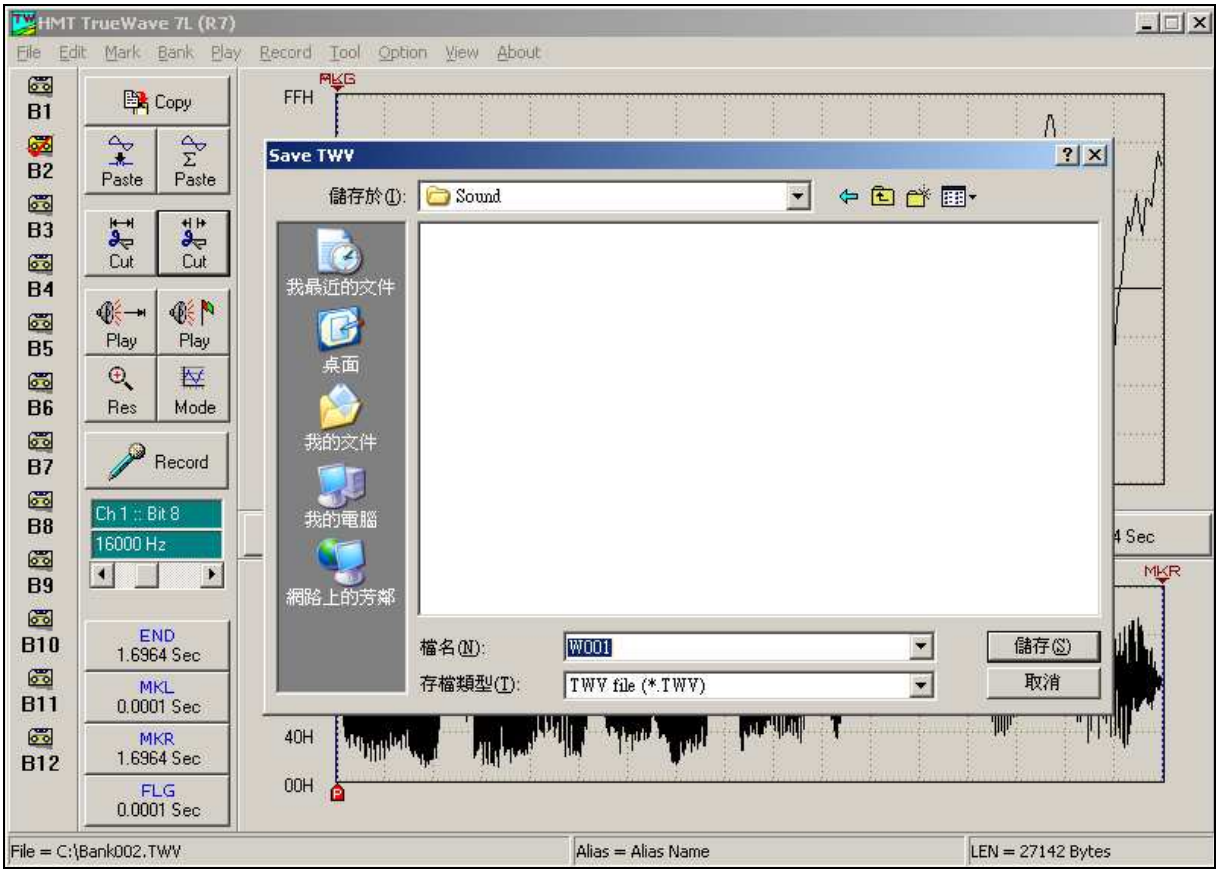


Diagram (9)



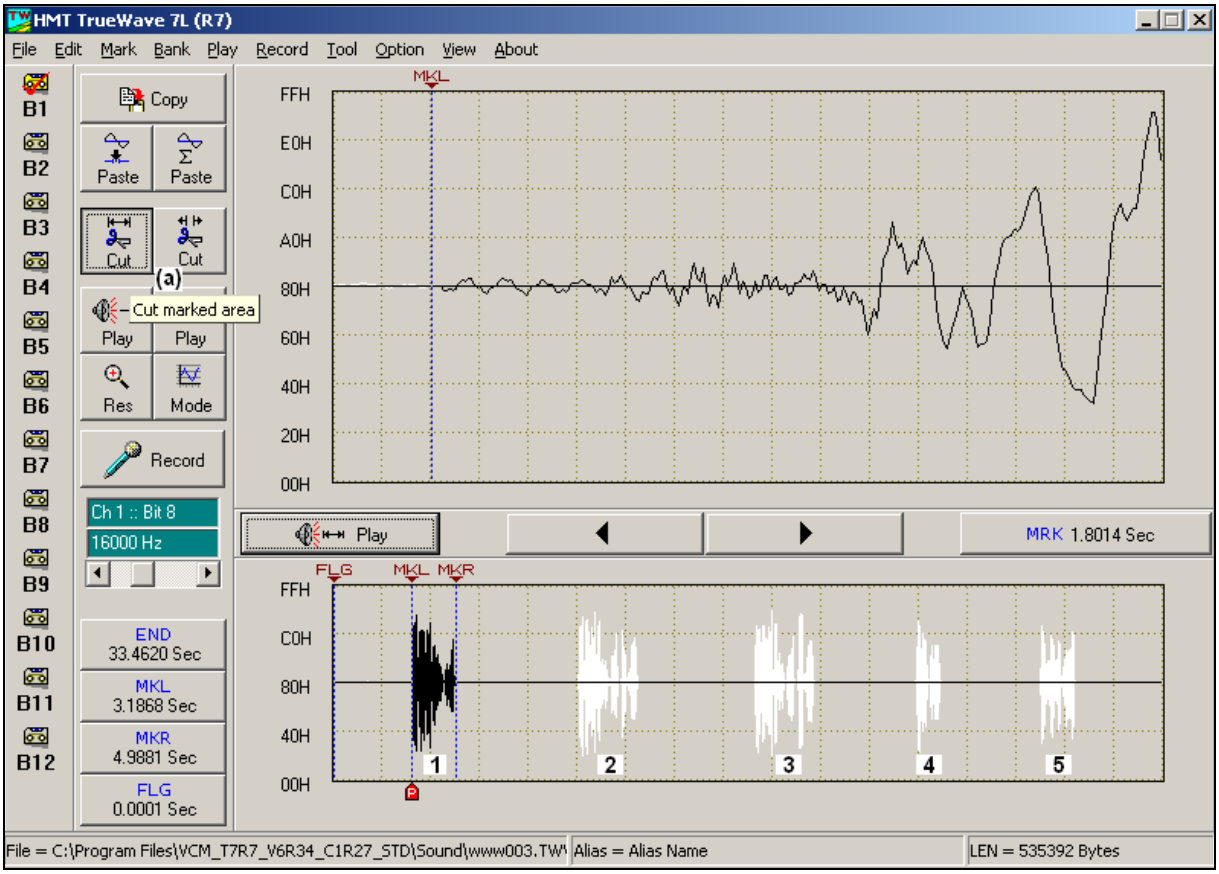
2.2.6 Save

Step10：Save

Select " save as new name " from the function bar " File ". Enter a file name and then save.

The file name is W001.twv in this example. See diagram (9).

Diagram (10)



Step 11: Refer to the steps (from Step6 to Step10) to copy and edit the rest segments in order

* To click on ”Cut(cut marked area)” button, (a)in the diagram (10). Delete the first segment of the voice. Then edit and save the following voice segments in order.

* After all of the voice segments have been edited and saved in PC, the next step is to save the voice files onto the CF Card via the CF-Linker software. Please refer to the step-example manual to make CFO files for CF Card saving method.

3 SCHEDIT Schedule Setting Software Instructions

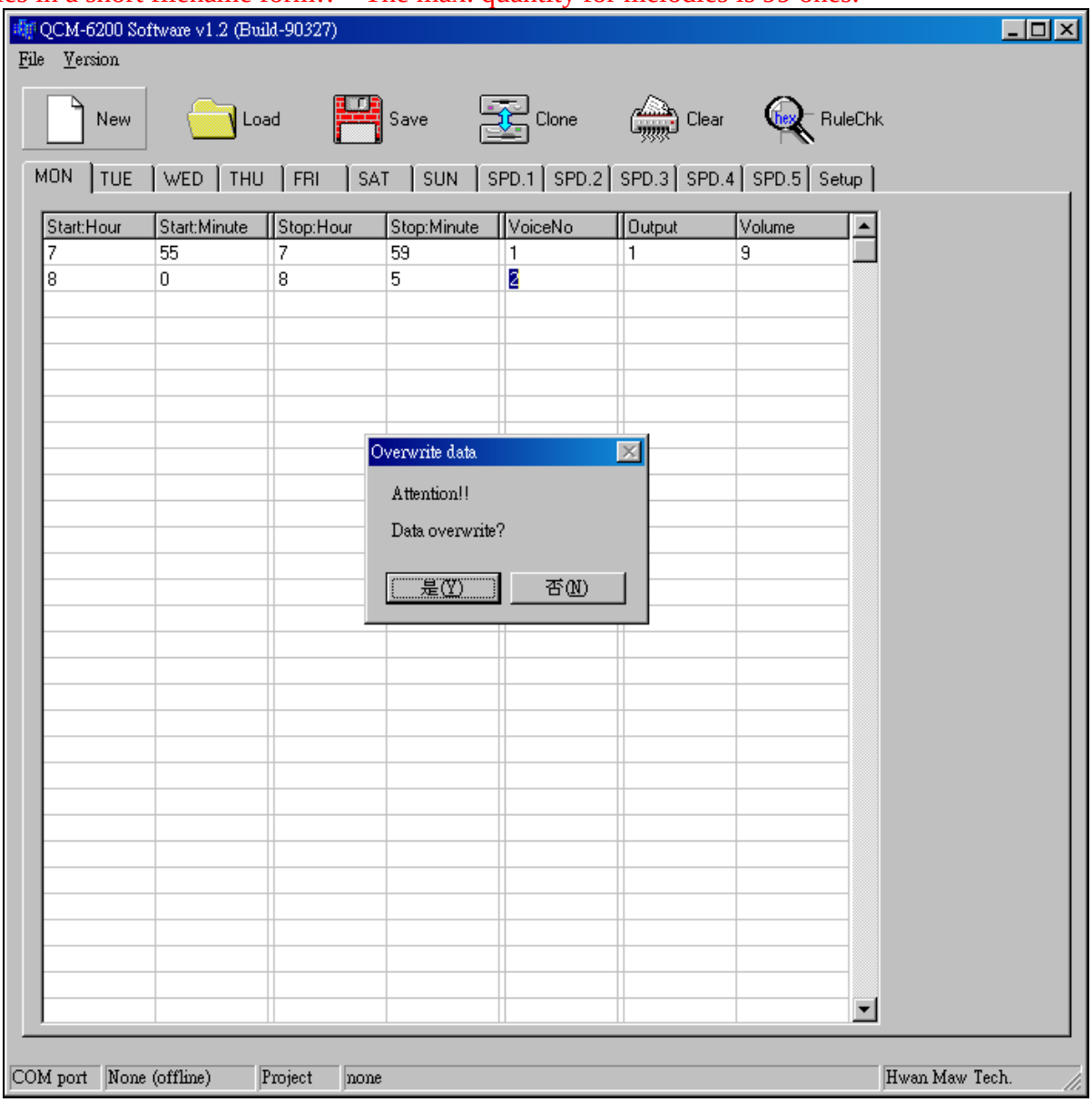
QCM-6200GS can support SCHEDIT software. It can synchronize time and download by connecting to PC, making the system more flexible and efficient. #Example file, SAMPLE.QSH, can be found in the catalog of SCHEDIT for testing.

3.1 Operation Menu:

2. File：New/Load/Save
3. Version：Chinese/English

3.2 **New:** Click on “New” icon from the pull-down menu to set up a new schedule. Every new file will cover the existing one. There’ll be a warning before overlapping! When reopen a schedule, it will cover the existing one or the one that is being programmed. Double click on the left key to key in contents in the schedule. 80 schedules are available on a day. To delete all the data in a row, please right click on the selected row to delete. 24-hour time format is the valid form for schedule starting and ending time setting.

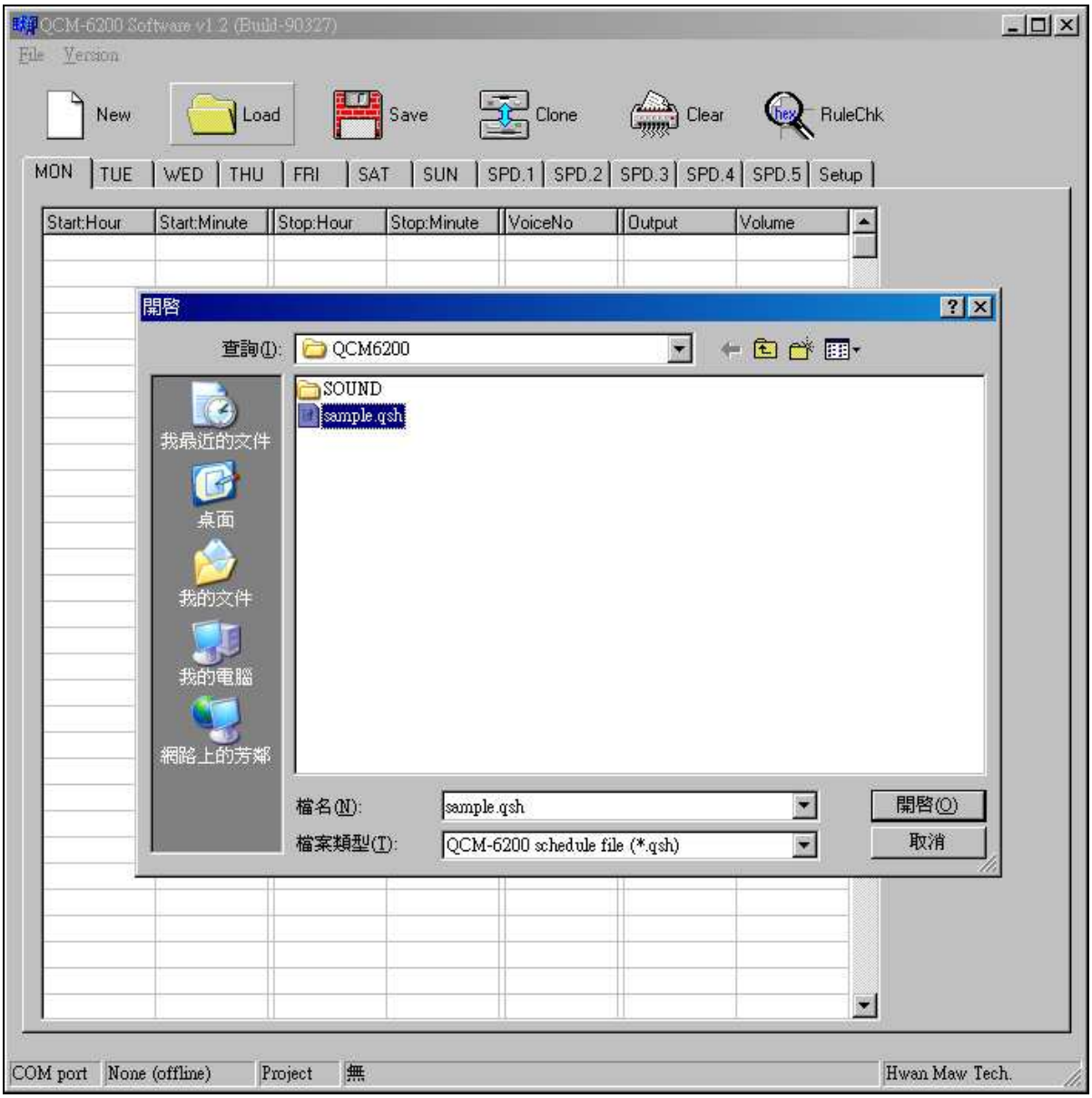
* Built-in 6 melodies. To add more melodies, please save other MP3 voice files onto a SD CARD and name these files in a short filename form!! The max. quantity for melodies is 99 ones.



3.3 Load

Click on “Load” icon to open the saved file (QSH file is a setting file). There’ll be a warning before overlapping! The loaded file, QSH file, will cover the existing file or the one that is being programming.

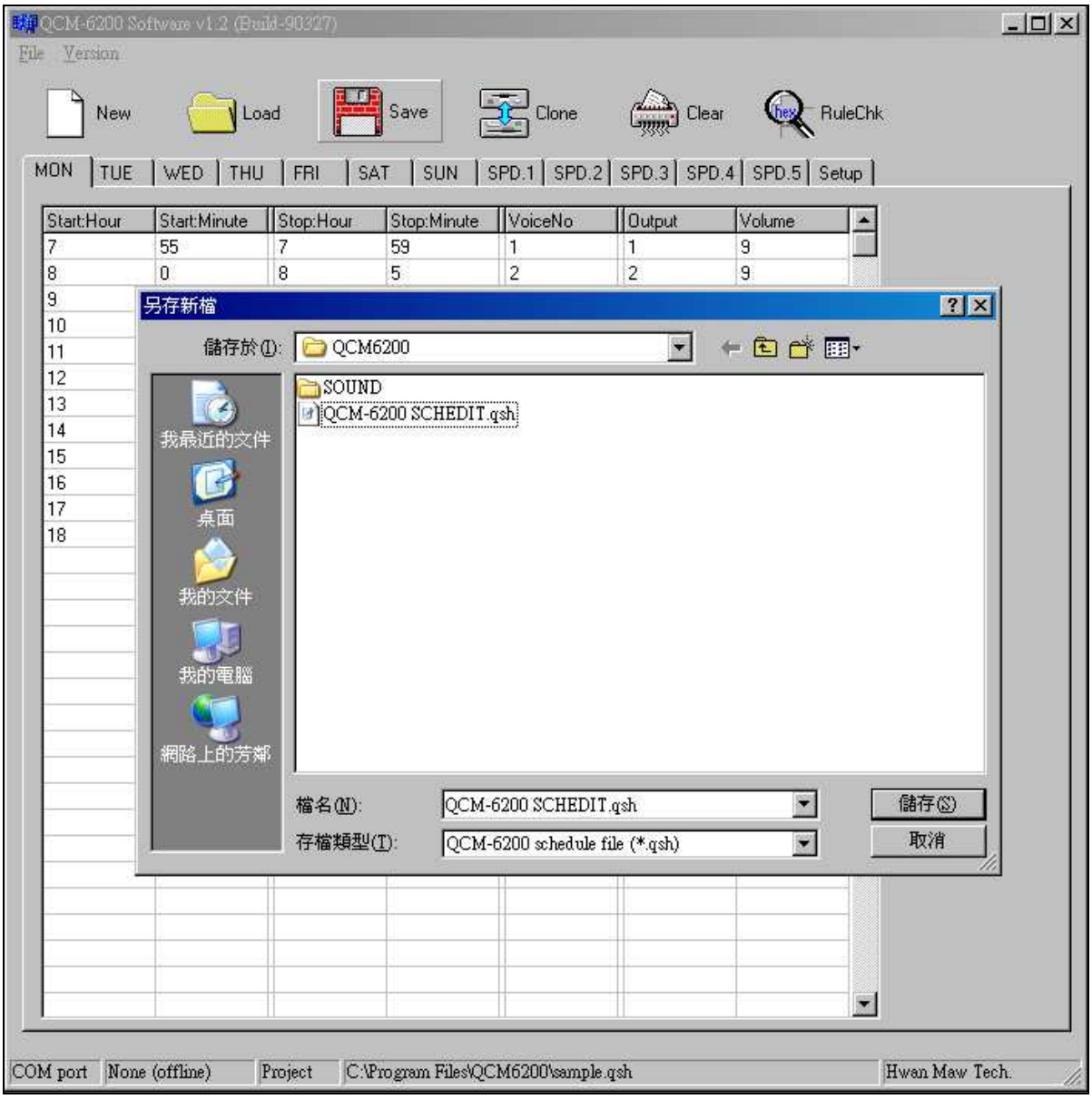
#Example file: Open the SAMPLE.QSH. file from the folder in SCHEDIT



*The extension name for QCM-6200GS settings：.qsh

3.4 Save

When the schedule programming and related settings are done, click on “Save” icon to save the file. Able to save this file as a new one, or save it by covering the previous/existing file!

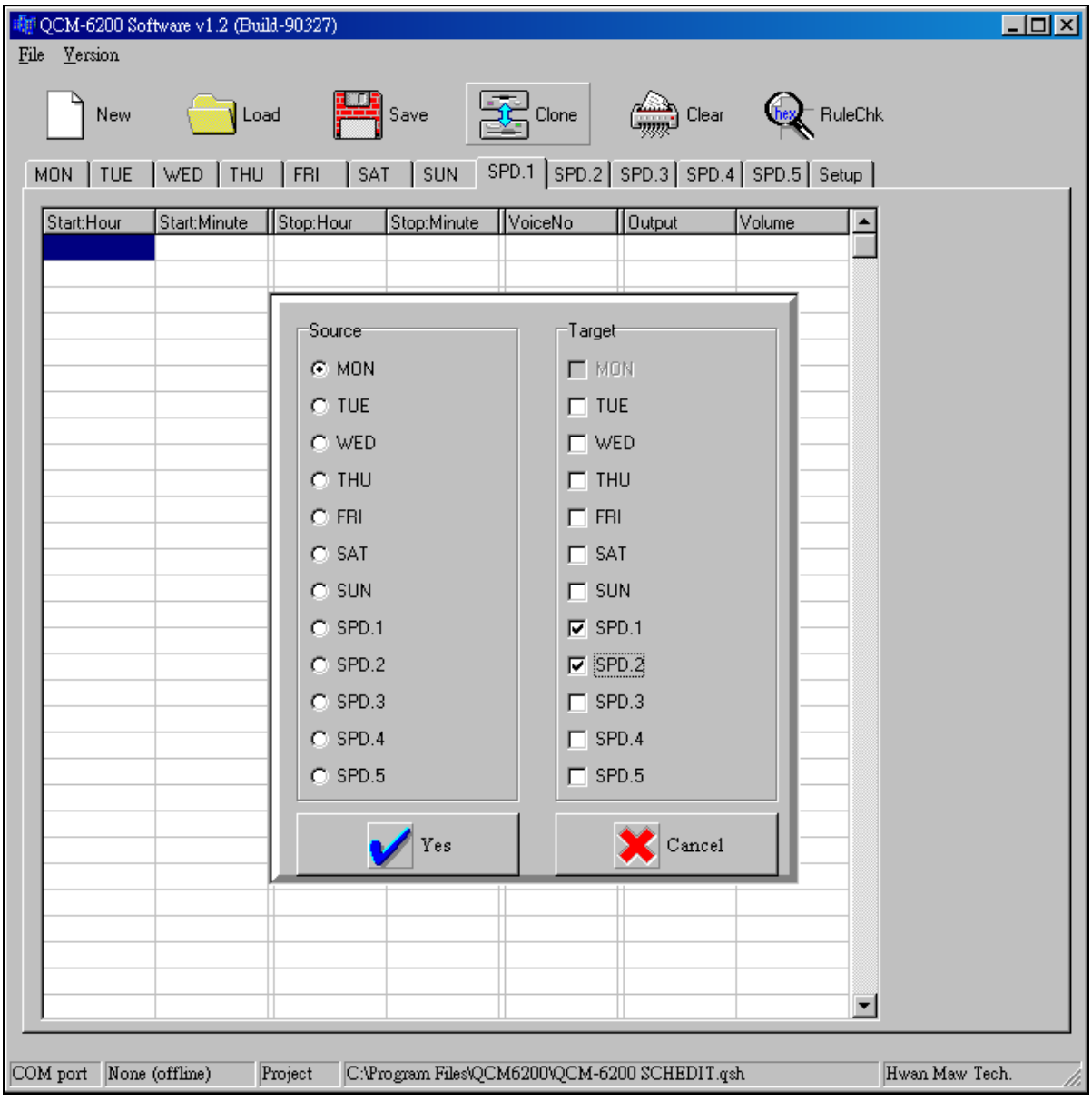


*When revise the previous file saved before, an “Overlay file” dialogue box will be shown to ask the user whether to cover the previous file or not!

3.5 Clone

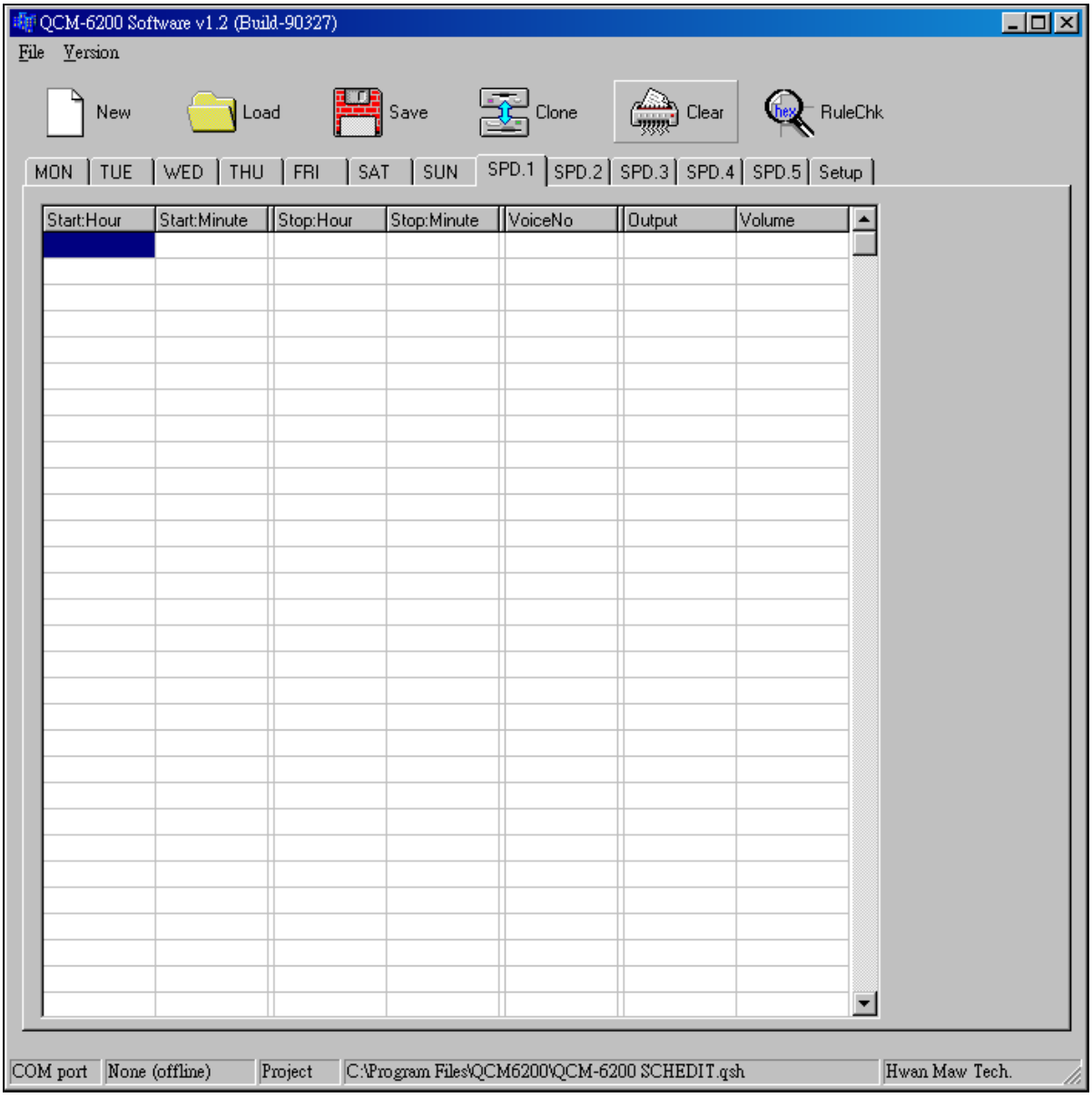
Click on “Clone” icon to open the setting box. To clone schedules by request, please open the clone data box. Tick one item (select one weekday) from the source box and some items (select more than one weekdays) from the target box! Then click on “Yes” key to make the weekdays from the targets have the same schedules as the weekday from the source box.

*As the example below: If users want to have MON schedules on SPD.1 and SPD.2, please tick SPD.1 and SPD.2 from the Target area and tick MON from the Source area. Then click on “Yes” button to complete this step!



3.6 Clear

Please select the day which is planned to be deleted. Then click on “Clear” icon to delete all the schedules on that day.



*As the example shows-Clear all the schedules on “SPD1” immediately

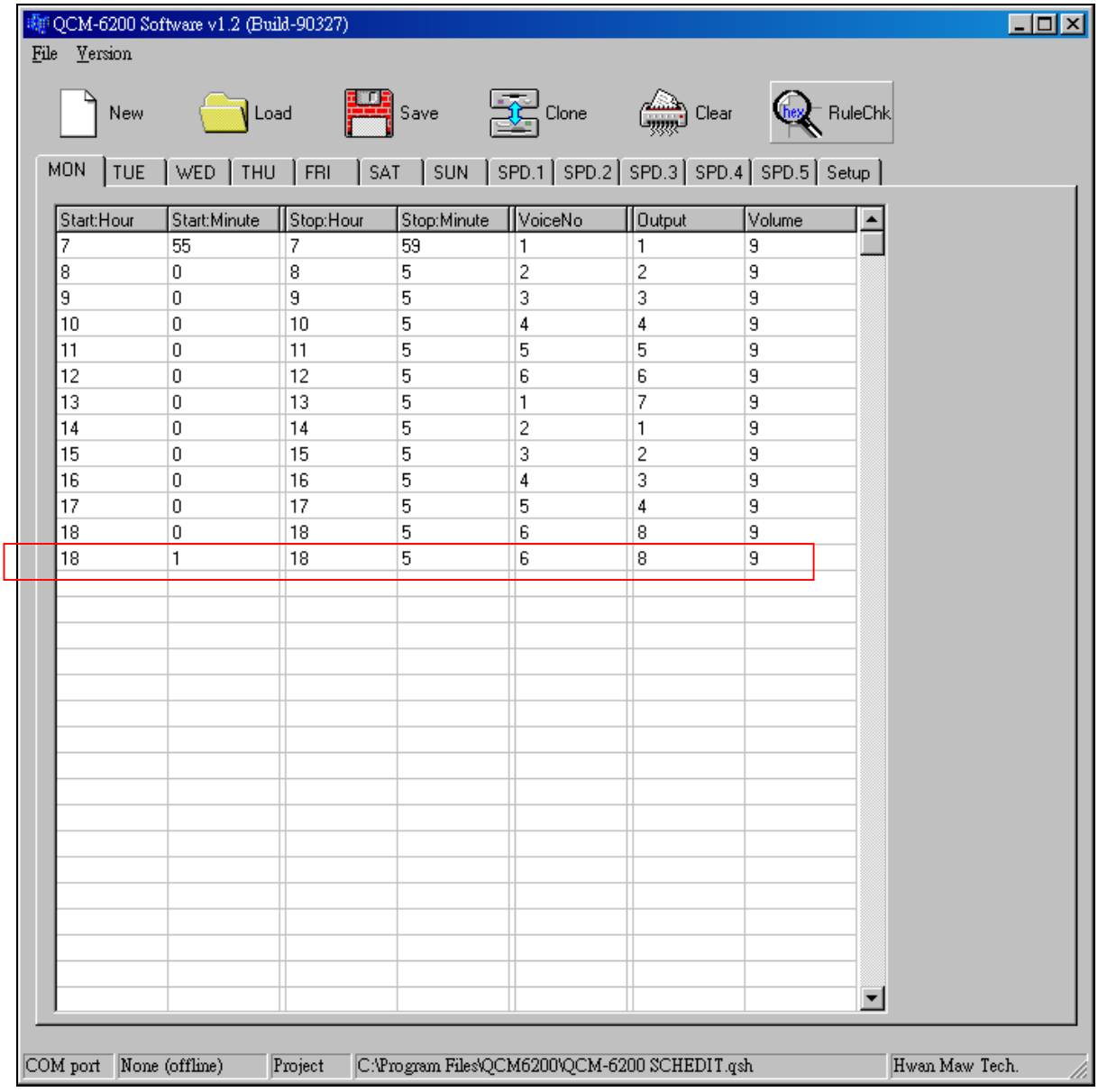
3.7 RuleChk

When the schedules are set, click on “RuleChk” icon to check the schedules and delete the invalid ones!

“ invalid schedule” means time overlaps or input errors in schedules

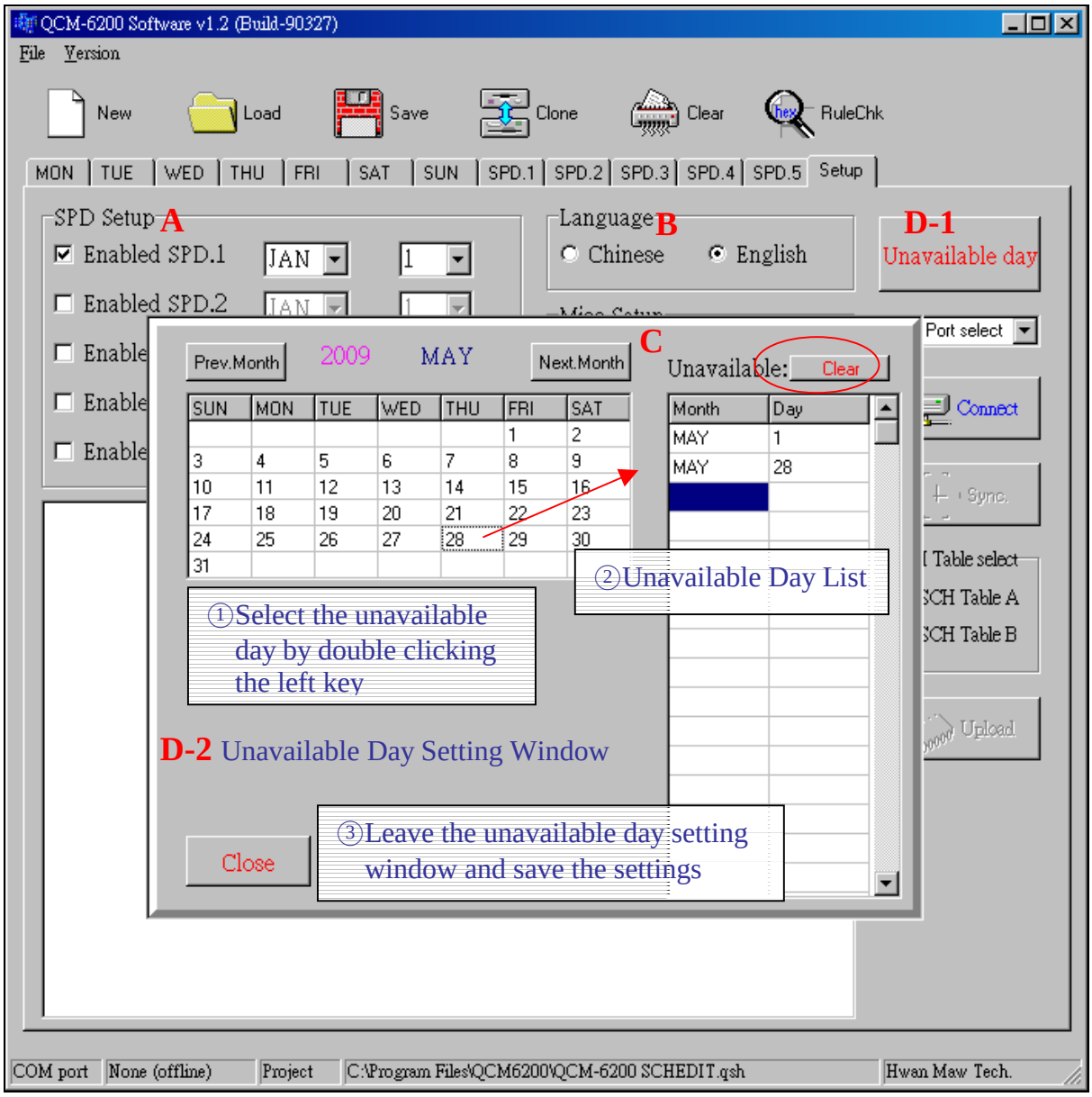
When the checkup is done, the system will rearrange the schedules in time order.

*As the example shows: The schedules in the red square are invalid messages (time overlaps). When the check program starts, it'll delete this line (18:01~18:05) immediately without any message boxes to warn the users.



3.8 System Setting

When the schedule arrangements are done, please set the related settings here and transmit them to QCM-6200GS.



A SPD Setup：Select the date from the pull-down menu. Leave blanks if no SPD.

B Language：Chinese/English version for QCM-6200GS system interface setting

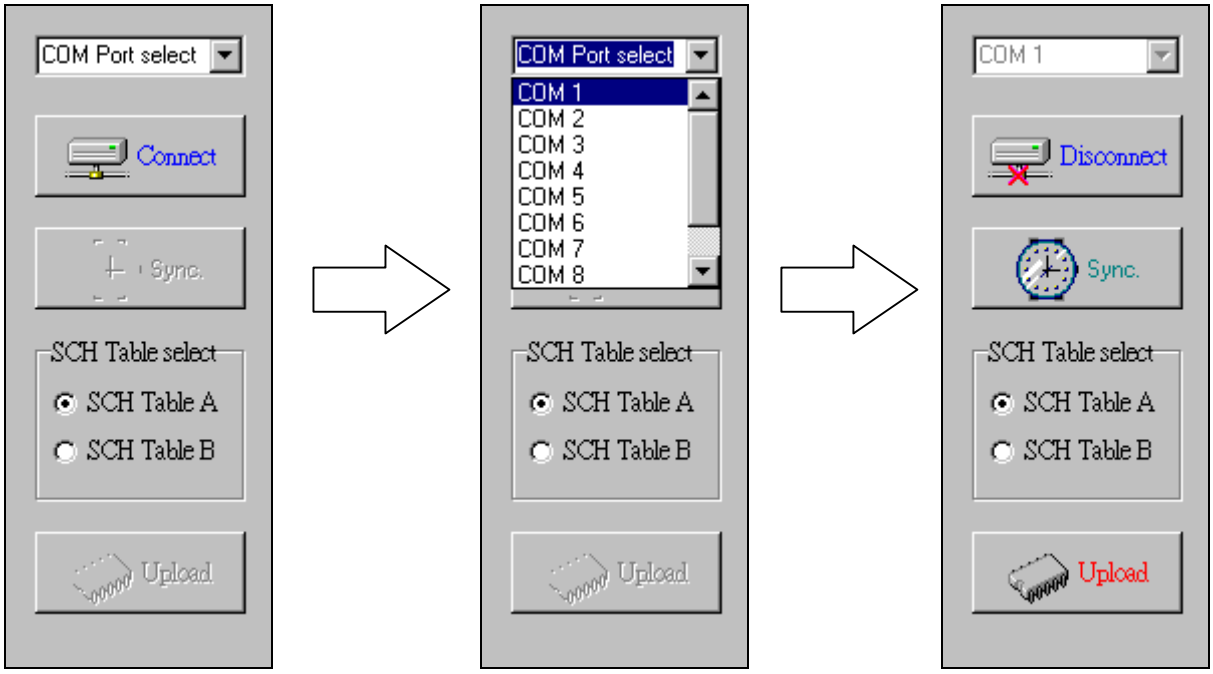
C Other Settings：time zone, GPS synchronization, Node ID (Transmit the ID via PC to QCM-6200GS system).

D-1 Unavailable Day Setting：Open the unavailable day setting window to arrange the dates for unavailable day.

[Note] Click on “Clear” icon (in the red circle) to “clear all the schedules” on unavailable day immediately!!

To delete schedules on a single date, please select the preferred date. Then single click on the right key to complete this step.

3.9 Connection & Download Setting



1. Select the COM port 2. When the connection is done, “Sync.” & “Upload” functions will be valid.

3. Download the schedules: Name the schedule data (Weekday schedule, SPD schedule and SPD date setting) as Schedule A or Schedule B in QCM-6200GS system!

*Before synchronization and download, please enter the main menu→Transmission from the front LCD panel on QCM-6200GS!

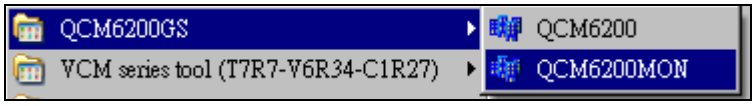
4. Sync. (Synchronization): Synchronize date and time in QCM-6200GS with them in PC

5. Upload: When the uploading PC settings to QCM-6200GS is done, QCM-6200GS will reset itself and return to the standby mode!

Message Box:

Message box	Descriptions
>>>Open COM1<<<	Connection Msg.
>>>Close COM1<<<	Disconnection Msg.
*** Date & Time Sync. in QCM-6200*** ==> Send data block: 1,CRC = 99 <= ==>Date & Time Sync. Done <=	Date/Time Synchronization Msg.
Check rules in schedules……. Make “ROM” (a setting file)…… ***Updating QCM-6200 schedules*** =>Send data block: 1,CRC = 88 <= =>Schedules in QCM-6200 updated <=	Data Transmission
=>QCM-6200 respond timeout #1<=	Timeout Msg.

4 QCM-6200 MON PC monitor software

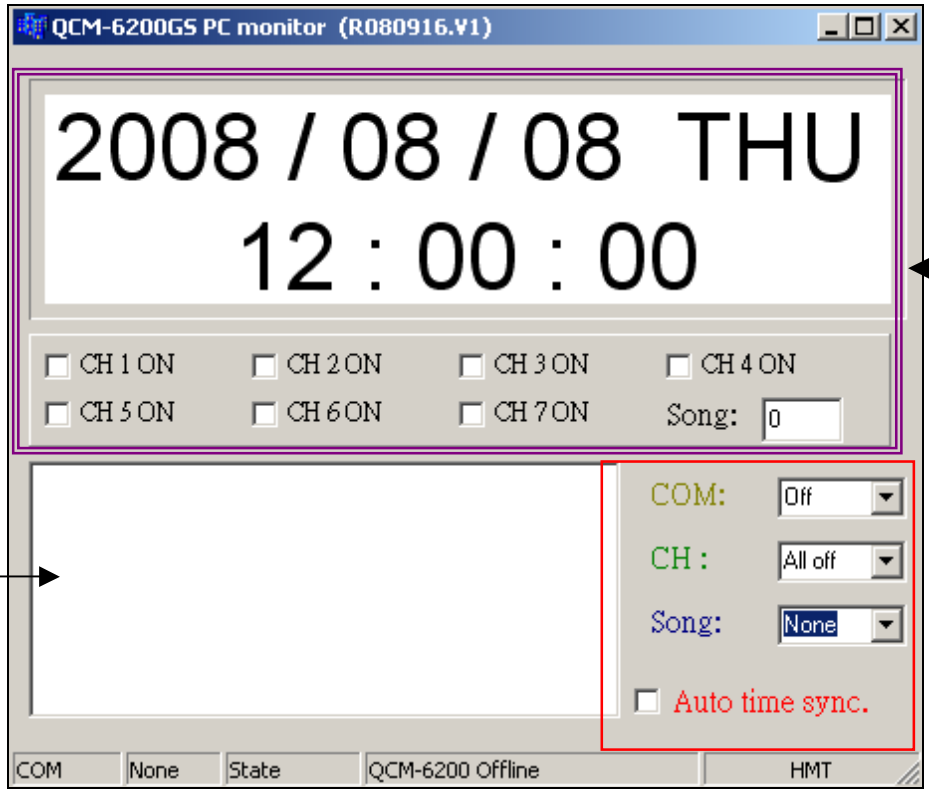


- PC monitor software:QCM6200MON
- Software rev.: R080916.V1

Connect RS-232 Transmission line to PC for PC monitor software operation.

4.1 Operation Interface Description:

Monitor Window:
When the selected communication port is connected, the current date and time from QCM-6200GS will be shown immediately on the monitor window, and the software will monitor the current status of QCM-6200GS as well. (Schedule settings for output channel & play track).

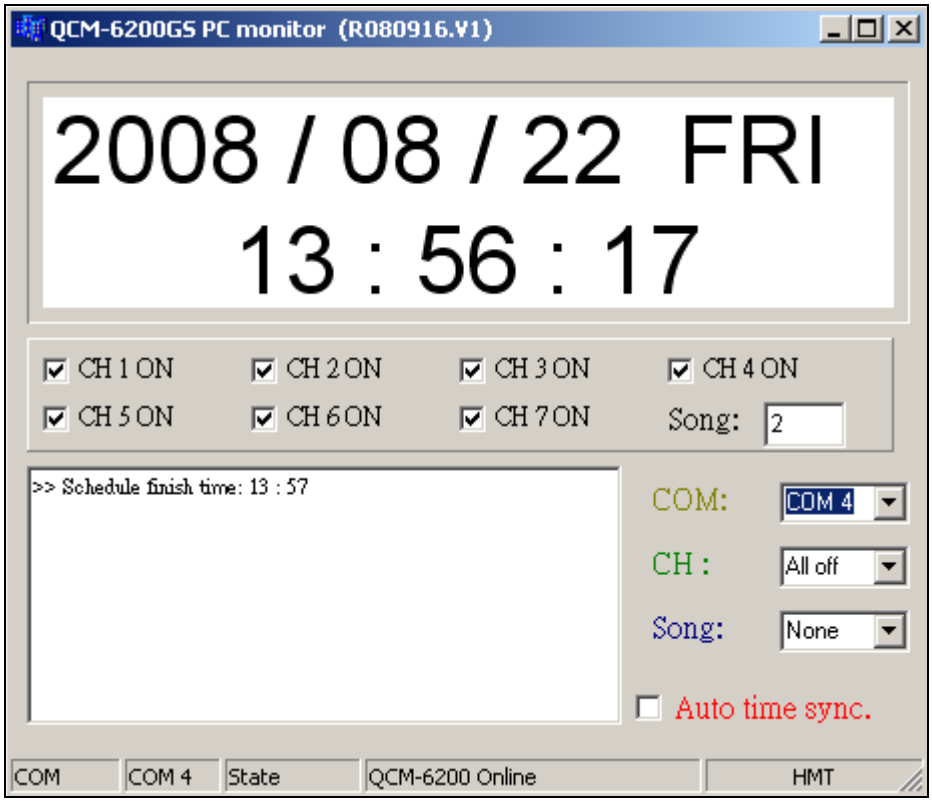


Message Box:
Display QCM-6200GS Schedule Information (finishing time)& time synchronization message.

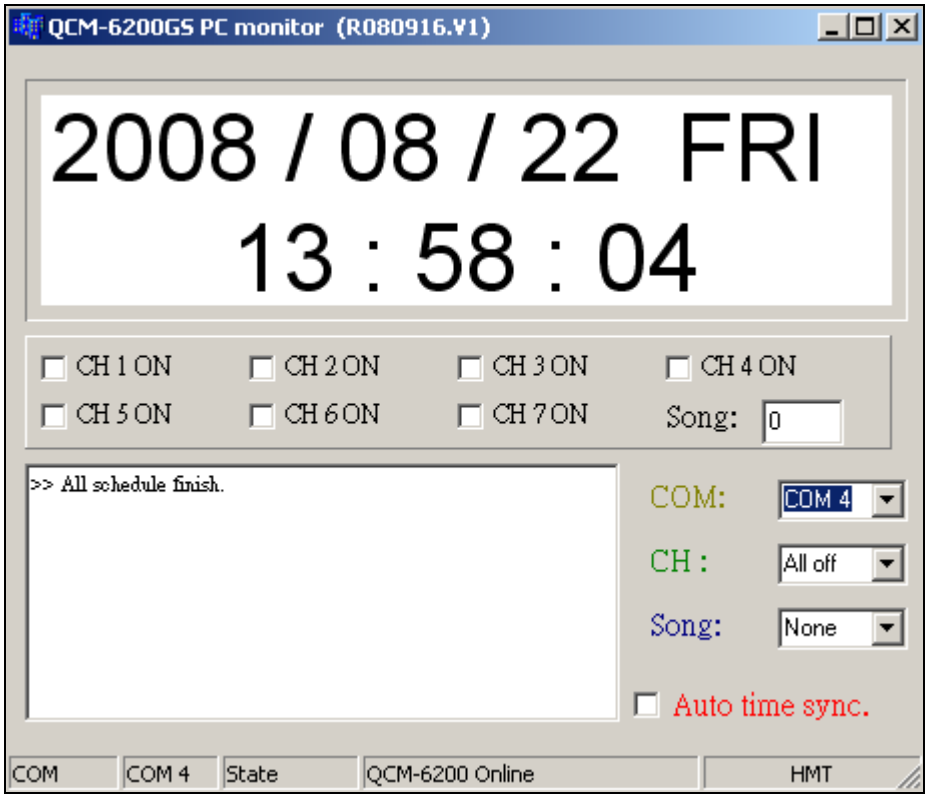
Operation Control Zone:
Quick control on output channel & play track operation. COM_Communication Port: COM1~COM12.
CH_Output Channel: All off,1,2,3,4,5,6,7, All on
Song_Play Track: None(no playing),1~99
Automatic Time Synchronization: If tick Auto time sync., the system will start synchronizing with PC after all the schedules are finished on that day.

4.2 Message Window Description:

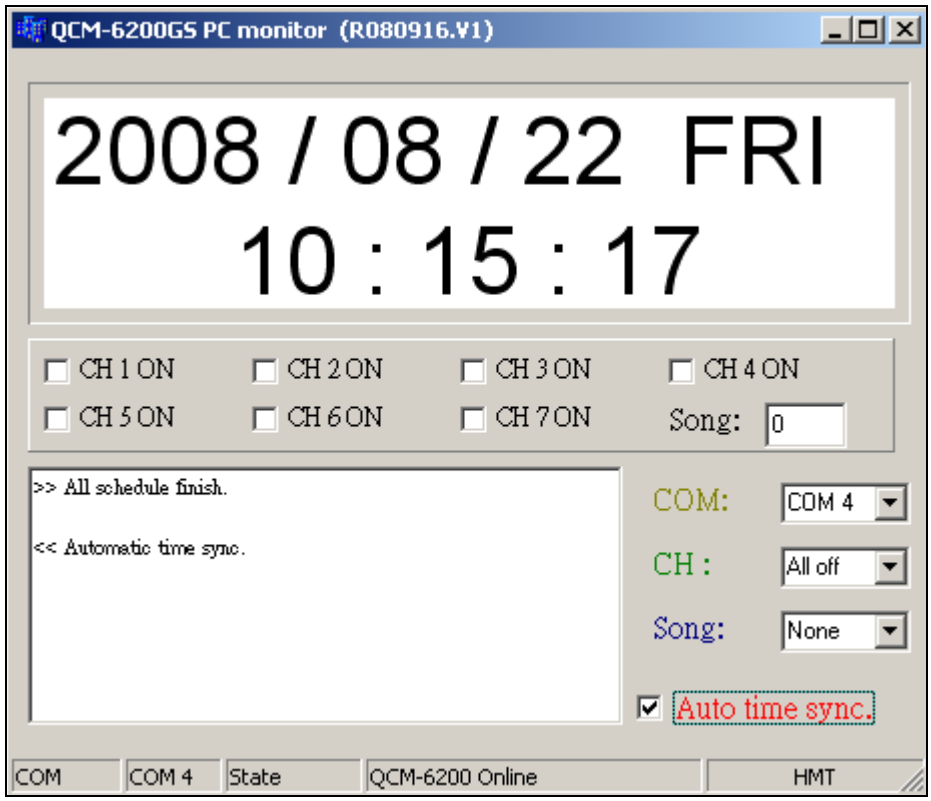
1. Schedule Information I：When activate the PC monitor software, it detects and conducts the schedules from QCM-6200GS system…



Schedule Information II：When activate the PC monitor software, it detects no schedules from QCM-6200GS system…

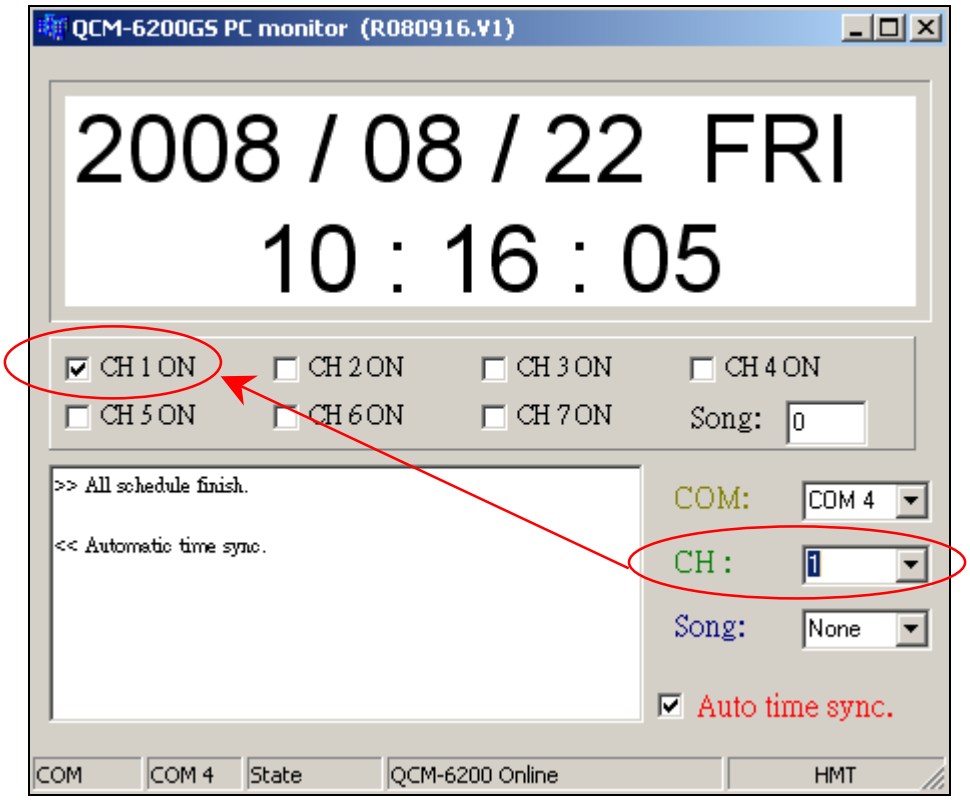


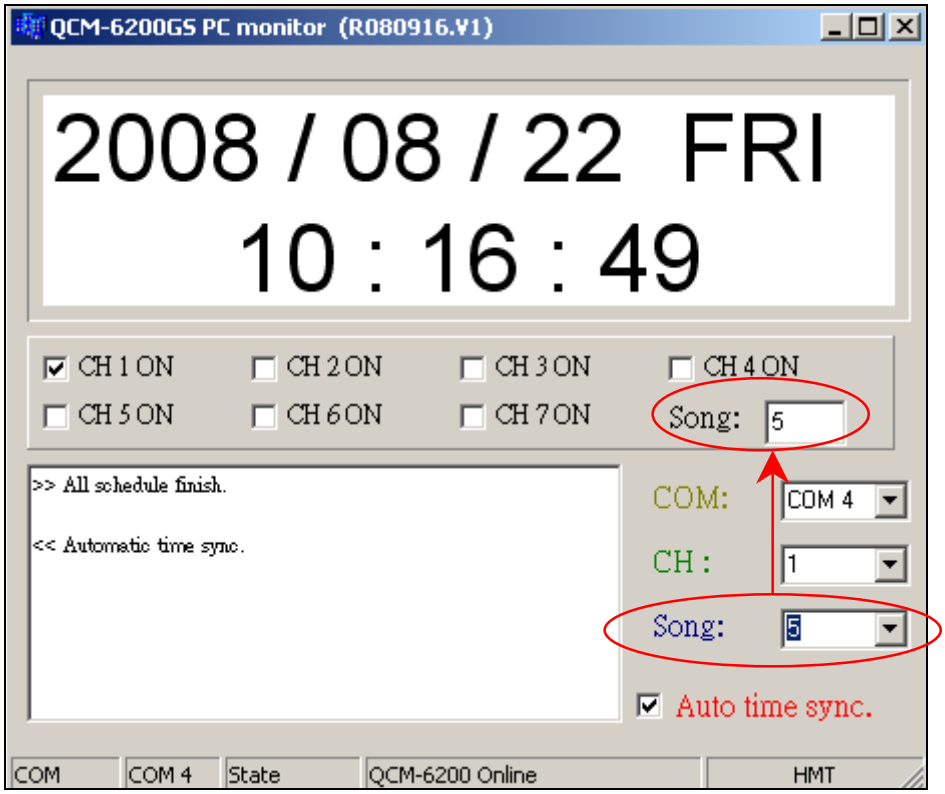
2. Time Synchronization Message：Under the Auto Time Synchronization function, when the PC monitor software detects that today's schedules from QCM-6200GS system are finished, it will synchronize time with PC immediately.



4.3 Operation Zone Description: For instant system control operation.

Select the output channel from CH. Then the system will show "tick" on the selected output channel from the monitor window and activate it!





Select the play track from Song. Then the system will show & play the selected song(5) immediately!

【Note 1】The PC monitor software can be only operated when the QCM-6200GS module is in the stand-by mode.

【Note 2】Although the PC monitor software functions, it can be inactivated immediately because of the priority of the schedules. The QCM-6200GS system will conduct the schedules first, which enables the PC monitor software inactive at the same time! If it is conducting the schedules, the PC monitor software is still able to inactivate the conducting ones. That's to say, the PC monitor software functions instead!