



S E C T i O N

E

Operation and Programming Overview

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Normal Operation (Play Mode)

The following messages will appear while the jukebox is in the Normal Operation mode. Displayed messages will differ depending upon which features have been selected in the Setup Mode.

Attract State - no credits in the jukebox, or after 2 minutes of no keyboard activity.

- The top line is stationary.
- The bottom line scrolls.
- Each message will stay on the display until the bottom message scrolls to completion.
- The display will blank between each message for a short time.

Example Message:

Rock-Ola Jukebox
Press the Hits button...

Current Attract Messages - No credits on machine.

- Line 1 - toggles between "Rock-Ola Jukebox" and "100 Disc Changer" (if surround sound is OFF), else
- Line 1 - toggles between "Rock-Ola Jukebox" and "Enhanced Stereo" (if surround sound is ON).

If HITS button (Quick Find 45) is programmed to View, display will read:

- Line 1 - Rock-Ola Jukebox...
Line 2 - Press the HITS button to view each top hit.

If Hits button (Quick Find 45) is programmed to Play, display will read:

- Line 1 - Rock-Ola Jukebox...
Line 2 - Press the HITS button to play each top hit.
- Line 1 - Rock-Ola Jukebox...
Line 2 - To add credits insert bills or coins.
- Line 1 - Rock-Ola Jukebox...
Line 2 - Press page buttons to view albums.

If Free Play is active, display will read:

- Line 1 - Rock-Ola Jukebox...
Line 2 - All selections are currently free

Customer started making selection via keyboard

- Line 1 - Your choice - - -
Line 2 - Credits: Free

Credits State - customer put money in the jukebox.

- Not yet enough money for a credit.

Insert Money
Credits: 0

- Credits in jukebox.

Make Selection
Credits: 3

- Customer has pressed the **Hits** key and Hits Button (Quick Find 45) is programmed to View.

Top Hit #01 0305
Credits: 3

- Customer has pressed the **Hits** button with Hits Button (Quick Find 45) programmed to automatically play the top hits.

Your Choice 0305
Credits: 2

- Customer has started making a normal selection via keyboard

Your Choice 01--
Credits: 3

- Customer has started pressing the number keys on the deluxe remote.

Remote Sel. 36--
Credits: 3

- Customer has pressed the Programmed Play button on the remote.

Program Play: -
Enter List (1-3)

- ## Not Available (scrolls the message).

01 Not Avai
Credits: 3

- #### Not Available (scrolls the message).

Not Avai
Credits: 3

- Album Selection Not Available (scrolls the message).

Album Selection...
Credits: 3

- Selection #### Requires ## Credits (scrolls the message).

Selection 0206 R
Credits: 3

- Remote Selection Not Available (scrolls the message).

Remote Selection...
Credits: 3

- Once the mechanism loads a disc onto the CD player and music is heard, the display will readout:

Now Playing 0305
Credits: 3

And messages will scroll by on the bottom line.

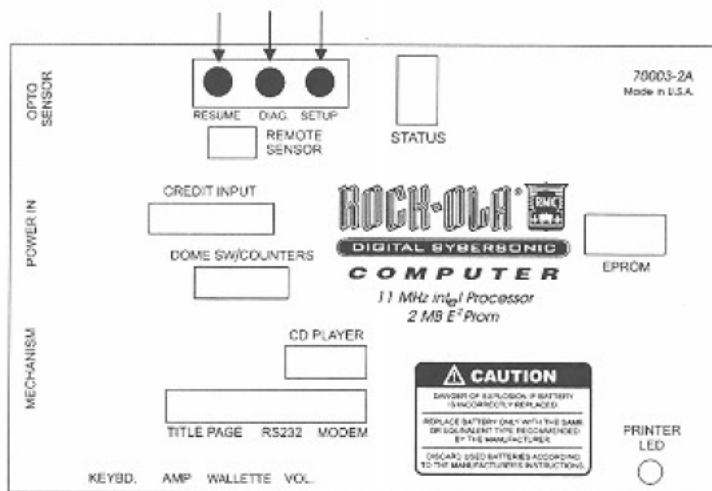


Figure 1E - SyberSonic Control Computer

Once the dome is open and the service mode is entered, the three (3) buttons on the top of the control computer become active. (To enter Service Mode, see explanation later in this section.) The 3 buttons are:

Diagnostics - This button puts the system into self-diagnostic mode that tests the control computer, CD player communications and keyboard / display assembly communication.

Setup - This buttons puts the system into programming set-up mode at the top of the menu hierarchy and also allows direct access to programs via program's quick find numbers.

Resume - This button returns the system to the service mode from the setup mode.

Programming, Service and Diagnostic Features

This section is intended to familiarize you with the service, programming and diagnostic features of the SyberSonic Electronics System. Specific programming and operating instructions will be covered in later sections.

Suspend Mode

For safety, Rock-Ola's SyberSonic System (Software Version 3.6 and above) incorporates an automatic mechanism interlock system.

Whenever the Dome/Lid is opened the mechanism will enter a "suspend mode" and the machine's display will indicate: "DOOR OPEN" on the top line and the bottom line will scroll the message: "Press Scan Switch to Continue. Warning: Mechanism Could Start Anytime."



If a song is playing when the machine is opened, that song will finish and the mechanism will stop. The only exception is if the next song in the play queue is on the same disc. In that case the next song will play.

Service and Setup Mode

The service and setup modes are where all of the service functions, auditing and programming take place.

Service Mode

The service mode is entered into by opening the dome/door and pressing the Scan/Cancel Button on playing mechanism one time. (If the dome/door is already opened, note the service switch is in its middle position.)



Figure 3E - Service Switch

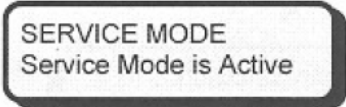
Note: If the jukebox has a TeleCommunications module installed and the Break-In Notification

feature (Quick Find 172) is activated, the Setup Mode must be accessed and the correct password must be entered within 30 seconds of opening the lid/door. Failure to do so will result in the automatic sending of a break-in warning. The system will wait 30 seconds after being in the normal mode before rearming the Break-In feature.

The red scan/cancel switch on the mechanism only works when the service switch is in the service position (middle). If the service switch is in the "normal operate" position, the scan/cancel switch will add credits to the jukebox.

When the dome/door is opened, the service switch automatically moves to its middle position.

The top line of the display will indicate that the machine is in the Service Mode.



The bottom line indicates that the service mode is active. This means the system is ready for further programming and/or diagnostic functions.

If songs are in queue and playing, they will continue to play.

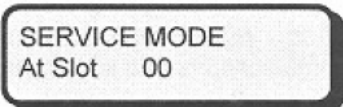
In this mode the operator can insert money or make selections without affecting the audit totals. Used for testing bill and coin acceptors.

Note: Any money inserted while in Service Mode is not included in the accounting data.

Any songs selected while in the service mode will take priority over any songs that may be in the selection memory.

Note: Any selections made while in the service mode will not affect the popularity figures.

To rotate magazine press the scan/cancel button. Pressing the scan/cancel button while in the service mode will cause the display to change to:



The displayed number indicates which slot is positioned under the CD gripper bow. If a selection is playing, it will be canceled. Pressing the scan/cancel once will advance the magazine

to the next slot and update the display. Pressing and holding the button will spin the magazine and update the display. When the scan/cancel button is released, the magazine will stop with a slot directly under the gripper bow and display that slot number.

Setup Mode

All auditing, programming and most testing is done from this mode. To enter the Setup Mode, make sure the jukebox is in the Service Mode then push the SETUP button on the SyberSonic Computer (Fig. 1E).

The Setup Mode may be accessed by "Double Clicking" the Scan/Cancel Switch when the dome is first opened.

The top line of the display will indicate "Setup Mode".

SETUP MODE
Disc Mapping

The bottom line will indicate which menu choice is currently about to be entered. (The system defaults to Disc Mapping upon initial entry into the Setup Mode.)

Now the SyberSonic's audit and programming features can be accessed two different ways. Via Menu Navigation or Quick Find Reference Programming.

Menu Navigation

The navigation keys and their function are:

Key(s)	Function
MENU buttons	View Menu
#1 Button	Toggle Choice/Load Disc/Up
#2 Button	Return Disc/Down
RESET Button	Reset/Escape/Clear
HITS Button	Enter

Menu Navigation allows browsing through the menu choices. There are 17 main menu choices: (These will show in the bottom line of the display as you navigate through the menu structure).

DISC MAPPING	PAGE OPTIONS
PLAY OPTIONS	AUTO PLAY
FREE PLAY	PRICING
SET-UP 1	SET-UP 2

SET-UP 3	ACCOUNTING
POPULARITY	DISC ERRORS
REMOTE CONTROL	TEST MODE
AUTO TEST	TCM SET-UP
AMP SET-UP	

Within each main menu are sub-menus that give or cause specific actions to take place or to set specific features at a value. (See the Quick Find Reference Programming Definitions Section for details on the sub-menu items.)

To use the Menu Navigation method of programming and auditing, first make sure that the phonograph is in the SETUP MODE, then use the Menu keys to find the Main Menu item that you want.

Once the item is found, press HITS to "get into" that menu item. The display's top line will change to the main menu item that was just selected. It will also show the Quick Find item number.

DISC MAPPING 10
Map Off

The bottom line will indicate which sub-menu item is selected along with its current value. You may now use the Menu keys to find the specific sub-menu item you want. Once the sub-menu item is found, press HITS.

If the item selected is a list, (such as audit figures or an operating feature with many settings) you may move through that list using the Menu keys.

To change a displayed setting, press HITS to make the setting flash, then if it is a list of choices, press #1 to toggle until desired setting is displayed or, if the setting is a numerical setting, type the desired value then press HITS to lock it in.

DISC MAPPING 10
Map All Slots

If the sub-menu item is an audit feature, read its value.

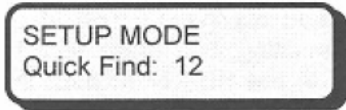
To get out of a menu item, simply hit Reset. This will move you backward one menu level. Continue to hit Reset until you get back to the beginning of the menu structure.

SETUP MODE
Disc Mapping

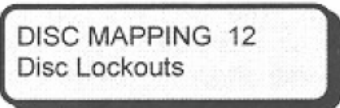
To exit the Service or Setup Mode, simply close the dome/door.

Quick Find Reference Programming

This method provides *direct access* to a specific operating feature or audit capability. To use it, get into the SETUP MODE and type in the Quick Find number for the item you want then press HITS.



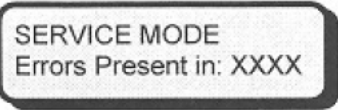
The display will change to the selected programming feature.



Navigation within and getting out of the item is the same as in Menu Navigation.

Diagnostic and Error Reporting Features

The SyberSonic's microprocessor technology allows it to "keep track" of itself. It senses when it does something wrong or when something abnormal happens, then stores that information in its memory to report it to you when you ask for it. In fact, the SyberSonic Jukebox automatically warns you if an error has occurred whenever the Service Mode is entered into by displaying:



"XXXX" indicating whichever area has errors.

Disc Errors

The SyberSonic system keeps track of playing errors and reports the disc and track numbers as well as how many times the error has occurred. If an individual disc or track exceeds the preprogrammed number of allowable errors, the jukebox automatically locks the track or disc out.

Disc Error Quick Find numbers are 110 through 115.

Hardware Errors

Every Rock-Ola Jukebox is constantly monitored by its SyberSonic Electronics system. The system is always looking at its inputs and outputs to insure that everything is working correctly. Should a malfunction occur, the computer logs an error code, along with the date and time of the malfunction. A service technician can use this information to quickly diagnose and repair any problem. The error codes are stored in the Test Mode menu. (Quick Find items 136 through 140).

Test Mode

All Rock-Ola SyberSonic Jukeboxes have easy to use "self tests" built in. These tests provide a means to test the electronics and mechanics of the machine. They also provide useful troubleshooting and adjustment tools. Also provided is a test for the laser player. (Another of the many Rock-Ola exclusives.) This feature takes the guesswork out of diagnosing a player malfunction while on location. The self-tests are found in the Test Mode menu. (Quick Find 131 through 134 and 142 through 149).

Auto Test

This feature is used at the factory for "burning in" every jukebox we produce. It automatically runs the SyberSonic System through the Mech, Keyboard, Pages and Display tests. The Auto Test feature is also useful to test the machine for bad discs before installing the SyberSonic Jukebox on location. For more information, see the Quick Find Reference Definitions section for Quick Find 150 through Quick Find 160.

Diagnostics Mode - Tests the control computer, CD player communications & Keyboard Assembly.

Diagnostics Mode is entered by pressing the Diag Button on the front of the control computer while in the Service Mode. Tests are automatically performed and status messages are displayed. (See Diagnostic Mode Operation in the Troubleshooting and Repair section H for more details.)

Rock-Ola Quick Find Reference Programming

To program, open front door then "double click" red button. From the SETUP MODE enter the 2 or 3 digit number and push the HITS button. To change settings, press HITS to make setting flash then Toggle choices with #1 and #2 or enter numeric value. Press HITS to lock in setting. Use left and right "Turn Pages" buttons to navigate menus.

DISC MAPPING

- 10 Map
- 11 Track Lockouts
- 12 Disc Lockouts
- 13 Special Discs
- 14 Special Video
- 15 View Track Lockouts
- 16 Clear Track Lockouts
- 17 View Disc Lockouts
- 18 Clear Disc Lockouts
- 19 View Specials
- 20 Clear Specials

PAGE OPTIONS

- 25 Pages
- 26 Set Last Page
- 27 Set Home Page
- 28 Home Delay
- 29 Remote Pages

PLAY OPTIONS

- 30 Track Limit
- 31 Track Time
- 32 Album Select
- 33 Play Order
- 35 Bd Track Lock
- 36 Bd Disc Lock
- 37 Clear Select Time
- 38 Clear Credit Time
- 39 Priority Disc

AUTOPLAY

- 40 Auto Play
- 41 Background
- 42 Aux. Background
- 43 Background Vol.
- 44 End Style
- 45 Hits Button

FREE PLAY

- 50 Free Play
- 51 Clear Free
- 52 Password FP
- 53 Free Special
- 54 Free Albums
- 55 Remote Credit
- 56 Free Selections

PRICING

- 60 Unit Price
- 61 Input Rates
- 62 Pricing Levels
- 63 Credits Spec.
- 64 Recirculate Lv.
- 65 Acct. Unit
- 66 Timed Bonus

SET-UP 1

- 70 Remote Power
- 71 Serv. Credits
- 72 Clear Selections
- 73 Clear Credits
- 74 Set Clock/Date

- 75 Message
- 76 Scroll Rate
- 77 Auto Clean
- 78 Volume Range
- 79 Vol Control Option

SET-UP 2

- 80 PW1 Security
- 81 PW2 Security
- 82 PW3 Security
- 83 Serial Num
- 84 Print Menus
- 85 Service Record
- 86 Counter Out
- 87 Factory Reset
- 88 Language
- 89 Start Style

SET-UP 3

- 200 Open Menu Id
- 201 Auto Power

ACCOUNTING

- 90 Last Reset
- 91 Print Acc. Data
- 92 Basic acct.
- 93 Total Acct.
- 94 Clear PTD's
- 95 View Level 1
- 96 SP in Ratio
- 97 Power Cycles

POPULARITY

- 100 Last Reset
- 101 View CD Order
- 102 Print Popularity
- 103 View Pop. Data
- 104 Clear Pop. Data

DISC ERRORS

- 110 View By Order
- 111 Print Errors
- 112 Playing Errors
- 113 Locked Tracks
- 114 Missing Discs
- 115 Clear Errors

REMOTE CONTROL

- 120 Pause/Mute
- 121 Select Type
- 122 Rem Playlist
- 123 Surround Snd
- 124 Album Select
- 125 Cancel Disc
- 126 Clear Mem.
- 127 Random Sel.
- 128 Background
- 129 Play Lists

TEST MODE

- 130 View Errors
- 131 View CPU Tests
- 132 Run Keybrd. Test

- 133 Run Display Test
- 134 Run Pages Test
- 135 View Mech. Tests
- 136 View CPU Errors
- 137 View Kybd Errors
- 138 View Mech Errors
- 139 View Page Errors
- 140 View WbX Errors
- 141 Clear Errors
- 142 Run PowerUp Test
- 143 Run Inputs Test
- 144 Run Outputs Test
- 145 Run Index Test
- 146 Run Gripper Test
- 147 Run Short Test
- 148 Test All Disc
- 149 Run CD Tests

AUTO TEST

- 150 Run Auto Test
- 151 View Report
- 152 Print Report
- 153 Clear Report
- 154 Start MM/DD 00:00
- 155 Stop MM/DD 00:00
- 156 Elapsed 000:00
- 157 View Keybd Errors
- 158 View Mech Errors
- 159 View Page Errors
- 160 View WbX Errors

TCM SETUP

- 170 Recv Calls
- 171 Call Office
- 172 Call if Prob
- 175 Modem
- 176 TCM Password
- 177 Reset TCM ID

AMP SETUP

- 210 Internal Amp
- 211 External Amp
- 212 Page Decay
- 213 Internal Tone EQ
- 214 Internal Balance
- 215 Internal MLWP
- 216 Internal Loudness
- 217 Reset Internal Amp
- 218 Internal Left MLWP
- 219 Internal Right MLWP
- 220 Internal Left Loudness
- 221 Internal Right Loudness
- 222 External Tone EQ
- 223 External Balance
- 224 External MLWP
- 225 External Loudness
- 226 Reset External Amp
- 227 External Left MLWP
- 228 External Right MLWP
- 229 External Left Loudness
- 230 External Right Loudness
- 231 Internal AVC
- 232 External AVC

Quick Find Reference Programming Definitions

For quick programming, from the SETUP MODE enter the 2 or 3 digit number then push the HITS button. Press HITS to make setting flash then Toggle choices with #1 and #2 or enter numeric value. Press HITS to lock in setting. See the programming flow charts following this section for specific "keystroke" details.

Disc Mapping – Used to initialize (or learn) each disc's Table of Contents (TOC) into memory.

10 Map - Can choose from Off, All Slots, Empty Slots, Single Slots or Clear Map. It is not necessary to map discs which you have changed via the SyberSonic's Automatic Disc Changing Feature as the machine will automatically map the new disc(s) for you. See the explanation for Quick Find 103 (View Pop Data) for details.

Off – The machine will not map discs.

All Slots – The machine will stop at every slot and attempt to initialize any disc that is in the slot. If a disc is not present at the time of initialization, the machine will consider it an empty slot and will lock out that number. Use to map the machine upon the first time installation of discs.

Empty Slots – The machine will attempt to initialize only the slots that it has listed in its memory as empty. Use to have the machine automatically map previously empty slots to which you have added CDs. To view a list of the empty slots, use Quick Find 114 (Missing Discs).

Single Slots – Can tell the machine which slots it should map.

Clear Map - Clears the current map without causing the machine to attempt to re-map. Default: Off

11 Track Lockouts – Use to prevent the selection of specific tracks at specific days and times (50 lockouts possible). If selected, will jump to Quick Find 15 to view, add or change track lockouts. To view the list of tracks automatically locked

out due to playing errors, use Quick Find 113 (Locked Tracks).
Default: No Lockouts

12 Disc Lockouts – Used to prevent music from certain discs from being selected at specific days and times (50 lockouts possible). If selected, will jump to Quick Find 17 to view, add or change disc lockouts. Default: No Lockouts

13 Special Discs – Designates certain discs as requiring more credits to play tracks from that disc. If selected, will jump to Quick Find 19 to view, add or change special discs. Default: All Discs Normal. (Set the number of credits necessary for a special selection in Quick Find #63).

14 Special Video – Designates whether special discs are CD video discs. If set to "Yes" the system will play CDV's using the optional CDV Kit.

15 View/Change/Add Track Lockouts

16 Clear Track Lockouts

17 View/Change/Add Disc Lockouts

18 Clear Disc Lockouts

19 View/Change/Add Specials

20 Clear Specials

Page Options – Used to setup the title and albums jacket pages.

25 Pages – Choose from Intrigue, Legend, Comet (Rocket), Fireball or Nostalgia. Default depends on model. *Note: If "Nostalgia" is chosen, Quick Find #26, 27 and 28 do not apply and cannot be set.*

26 Set Last Page – Use to stop the pages from turning past a certain page number. (Use if the machine is not loaded with 100 discs.) Default depends on model.

27 Set Home Page – Used to set a "display" page. Default depends on model.

28 Home Delay – The amount of idle time (in minutes) before the display automatically turns to the "Home Page" set above. Default: 5.

29 Remote Pages – This setting turns the remote control page buttons On or Off. Default: Off

Play Options – Used to set how discs are played.

30 Track Limit – Number of tracks in a row that can be played from the same disc. If an entire album has been selected and other music is in the selection queue, the machine will play the number of tracks set here from the selected album then play other music before coming back to the fully selected album. Default: 02.

31 Track Time – Limits the time of the song playing and then when time expires causes the song to fade out. Default: 00. (Unlimited time).

32 Album Select – Choose from Off, One or Two.

If "One", an entire album can be selected by pressing 00 after typing in the album number (assuming sufficient credits to cover the number of tracks exist). If more than necessary credits exist, only the necessary number of credits will be deducted from the total credits.

If "Two", an entire album may be selected by pressing 00 after typing in the album number (assuming sufficient credits exist to cover the number of tracks on the album.) If there are not as many credits as there are tracks, the machine will play the same number of tracks as there are credits. If more than necessary credits exist, only the necessary number of credits be deducted.
Default: One.

33 Play Order – Fifo = as selected. (First in First Out)

Fast = in numeric order
lowest to highest number.

Shfl = in random order

Default: Fifo

35 Bd Track Lock – Yes or No. If Yes is selected, the machine will automatically lock out an individual track after 20 playing errors occur. Default: No.

36 Bd Disc Lockout – Yes or No. If Yes is selected, the machine will automatically lock out an entire disc if it detects a prob-

lem reading the individual disc. Default: No. *Use Quick Find 114 (Missing Discs) to view a list of discs the machine has designated as missing or bad.

CAUTION



The missing disc list also contains the number(s) for slots that may have been left empty on purpose.

PRECAUCIÓN

La lista de discos faltantes también contiene el número o números de las ranuras que intencionalmente se pudieron haber dejado vacías.

MISE EN GARDE

La liste des disques manquants renferme également les numéros des logements laissés intentionnellement vides.

37 Clear Select - Allows the SyberSonic System to hold or clear the current track in play and the selections in memory when power is off. Select from No, Yes or the number of hours to hold selections (1 to 9). Default: No.

- To clear the current selections, use Quick Find #72.

38 Clear Credit - Allows the SyberSonic System to hold or clear credits in memory when power is off. Select from No, Yes or the number of hours to hold credits (1 to 9). Default: No.

- To clear the current credits, use Quick Find #73

39 Priority Dsc - When On, allows one slot for a disc to take priority over all other selections. This feature is useful for an all occasion disc. Default: Off

Auto Play - Used to set the machine to play automatically. (An attract mode.)

40 Auto Play - Used to program the auto play style. Choose from Off, Random, Program, or Code. Default: Off.

Off: No Auto Play

Random: The jukebox will choose its own tracks to play from the discs you tell it to choose from during the programmed auto play time period. (Can have up to 21 auto play programs.)

Program: You may program up to 99 specific songs to play during the auto play time period. (Can have up to 21 auto play programs.)

Code: Allows up to 99 specific songs to play if a 4-digit code is entered.

- 41 Background** - Used to set specific discs to play at specific days and times. Can set up to 21 individual background music programs. Default: Off

- 42 Aux Background** - Enables the Auxiliary BGM Inputs on the SyberSonic Amplifier.

Off - Auxiliary BGM Inputs are disabled

One - Auxiliary BGM Inputs are live until the first selection begins to play. They are enabled again only when the last song in the play queue has finished playing and that disc has been put away. (No background music between songs.)

Two - Auxiliary Inputs are live unless a jukebox selection is playing. (Background music between songs.)
Default: Off

- 43 Background Vol.** - Set the minimum and maximum allowable volume levels for programmed background music and Aux BGM Input.

- 44 End Style** - Sets how a background disc, if playing, ends when a paid selection is made. Choose from Cancel, Fade or Finish. **Note:** *This setting does not affect the action of the amplifier's Aux BGM inputs.*

Cancel: Immediately cancels the playing background selection.

Fade: The volume of the playing background selection will "fade" to minimum volume before canceling.

Finish: The playing background selection will not cancel until it reaches the end of the song. Default: Fade.

- 45 Hits Button** - Sets the HITS BUTTON to either automatically play or display the jukeboxes top hits as determined by the built in popularity counter.

View - Will display the selection number of the most popular tune each time the Hits Button is pressed.

Play - If credit(s) exist, will cause the jukebox to automatically play the most popular tune on the jukebox each time the Hits Button is pressed. **Note:** *Will not work until popularity has been established. i.e. If the popularity totals have just been cleared, the Hits button will not work until a few songs have been selected via the keyboard.*

V/T - Will display the top hit and turn the title pages to the corresponding number. Allows the customer to see what the song displayed actually is. **Note:** *Will not work until popularity has been established. i.e. If the popularity totals have just been cleared, the Hits button will not work until a few songs have been selected via the keyboard.*

Free Play - Allows the phonograph to be set on various "Free Play" modes.

- 50 Free Play** - No, Yes or Programmed. "Yes" sets the jukebox to full time free play. "Programmed" allows up to 21 Free Play time periods, each with its own parameters. The parameters include day of week, start time, stop time and maximum number of free credits allowed. Default: No.

- 51 Clear Free** - Clears the selections made for free from play queue when the stop time for the programmed free play period has been reached. Default: No.

- 52 Password FP** - Allows free selections via a password typed into the keyboard during normal play. **The displayed credits must be 0.** Also sets the maximum number of free credits allowed each time the password is typed in. (The number of free credits must be set to 1 or above for this feature to function.) Default: No. Default: Password 0000.

53 Free Special - "Yes" allows selection of discs designated as "special" (as set in Quick Find #13) during a free play period. Default: No.

54 Free Albums - "Yes" allows the selection of entire albums during a free play period. Default: No.

55 Remote Credit - Allows use of the remote control's Asterisk (*) button for adding free credits to the jukebox. **Note:** *The Cancel Disc function will not work if the Remote Credit feature is activated. Remote Credits are counted as "Free Plays" in accounting.*

Off - Disables the Remote Credit feature.

On - Enables the Remote Credit Feature. If "On" is selected the following items also need to be programmed:

Day - Choose from "Every Day", "Monday through Sunday" or "None."

If "Every Day" or a specific day of the week is selected, the number of credits programmed below will automatically become available at 00:01 of that day. Once the credits are used no more will be available until 00:01 of the next scheduled day.

If "None" is selected and a number of credits is programmed, pressing the Cancel Disc Button will add credits to the jukebox and count down the number of available credits. Once the number of available are used, the credits need to be manually reprogrammed. No more will be automatically made available.

Credits - Possible settings are 00 - 99.

Note: *The number of remaining free credits are displayed during programming so the operator can monitor usage.*

56 Free Selections - Allows certain songs to be played for free from the keyboard. The songs may be set up as normal or priority selections. If set up as priority, the selected song will be played as the next selection. The selection does not appear on the display as it's being made so as to keep patrons from trying to make other songs play for free.

Pricing

60 Unit Price - Base value of lowest coin. Default Unit Price = 005 in U.S. (005 = 5 cents or \$0.05).

61 Input Rates - Sets the Total Value of each coin channel based upon the unit price. (Multiplier) i.e. "Input 6 Rate 20" showing on the display indicates that coin channel 6 is worth \$1.00.

Unit Price X Input 6 Rate = Total Value

005 X 20 = 100

25 cents default 25 cents/\$1 coin default

Input 1 001 001

Input 2 002 002

Input 3 005 005

Input 4 005 005

Input 5 005 020

Input 6 020 020

62 Pricing Levels - The number of credits given for the amount of money inserted.

Default: Level 1 - 01 - 050

Level 2 - 02 - 100

Level 3 - 05 - 200

Level 4 - 15 - 500

63 Credits Spec. - Amount of credits needed to select tracks from discs set in Quick Find #13. (Special Discs.) Default: 02.

64 Recirculate Lv. - The level at which the pricing levels begin again. (Bonus Level) Default: Level 1

65 Acct. Unit - The accounting unit multiplier based on the Unit Price. In the U.S., the Acct. Unit is 20, which gives an Accounting Unit Value in dollars. Default: 20.

66 Timed Bonus - Provides a means to program "Happy Hour" pricing. You may set up to 21 different timed bonus periods. The parameters include day of week, start time, stop time and the ratio of free credits given per paid credits. The number of free credits used are tabulated in "Free Keyboard Norm" under Free Detail section of the Total Accounting Menu. (Quick Find 93). Default: Off

If set to On:

View Settings - Press HITS to continue.

Timed Bonus (01-21) - Choose which program you wish to add or change.
Default: 01

Day - Choose from None, Every Day or specific day of the week.
Default: Every

Start Time - Enter the time you desire Bonus Pricing to start. Use 24 hour clock. Valid times are 00:00 through 23:59.
Default: 15:00

Stop Time - Enter the time you desire Bonus Pricing to end. Use 24 hour clock. Valid times are 00:00 through 23:59.
Default: 17:00

Free/Paid - Enter the ratio of free credits to be given per paid credits. For example 01/03 will give 1 free credit for every 3 paid credits, or 4 for a dollar during the timed bonus period. Default: 01/03

Set-up 1 - Sets time clock, messages and internal CPU functions.

70 Remote Power - Enables or disables the IR Remote Control power button.

71 Serv. Credits - The number of credits automatically given when the service mode is entered. *Note:* These credits will not remain on the jukebox when it is put back into the normal play mode. To add credits to the jukebox, (courtesy credits) pull the service switch to its out position and press the red scan/cancel button.
Default: 00.

72 Clear Selections - Clears all selections currently stored in the play queue.

73 Clear Credits - Clears all credits appearing on the display.

74 Set Clock/Date - Sets internal clock for timed functions. Default: Today's Date, Pacific Time and Today's Day of Week.

75 Message

- **Factory** - Will scroll "Rock-Ola Compact Disc Player" on the bottom line of the display along with the "Normal Mode" messages.

- **Program** - Allows the entry of a custom message to be scrolled on the bottom line of the display along with the "Normal Mode" messages.

Clear Message - Erases the currently entered custom message.

Change Message - Allows the entry and editing of a custom message. To enter a custom message follow these steps:

1. With "Change Message" displayed, press HITS. The currently entered message (or blank if no message is currently entered) will show on the top line of display.
2. Press the Left or Right MENU buttons until the character you want is displayed on the bottom line. Press HITS. The character will move to the top line. (a blank between the ' ' is a space). To erase a character (backspace) press 0.
3. To save the entered message, press RESET.

- **Off** - No message is displayed other than the "Normal Mode" messages.

76 Scroll Rate - Speed at which the messages on the bottom line of the display scroll. Default: 05.

77 Auto Clean - Will cause the machine to pick-up and spin a laser-cleaning disc every 30 days. You set which slot the cleaning disc is in. Default: No, Disc #99.

78 Volume Range - Allows the setting of minimum and maximum volume ranges for normal selections. In addition, timed maximum volume limit may be set. The volume range and timed maximum is set separately for the internal and external amplifiers. See Section D for detailed setting instructions.

79 Vol Control Options - Sets how the jukebox volume controls are used. Detailed setting instructions are located in section D of this manual.

Normal – The internal buttons control the standard amp and the external buttons control the optional auxiliary amplifier.

Volume Control Split – This feature allows the "splitting" of the volume control to individually control the standard installed digital amplifier's left and right channels. The internal buttons control the left channel and the external buttons control the right channel.

WARNING



This feature cannot be used if the optional auxiliary amplifier is installed or if the external output is used. The auxiliary amplifier and external output signal will not function.

ADVERTENCIA

Esta característica no se puede usar si el amplificador externo está instalado o si se están usando los jacks de salida externa. El amplificador auxiliar y las señales de salida externa no funcionarán.

AVERTISSEMENT

Si l'amplificateur externe est installé ou si les prises de sortie externes sont utilisées, vous ne pourrez accéder à cette fonctionnalité. L'amplificateur auxiliaire ne fonctionnera pas ; aucun signal de sortie ne pourra être transmis.

Volume Bridge – When bridged, the tied amplifier/channel's volume will change regardless of which volume control button is pushed. *This feature should be used **only** when the optional auxiliary amplifier is installed or when the external output jacks are used to feed an external audio system.*

Bridge Int - Ext B. Ties both the right and left external amplifier channels to the internal amplifier volume control. Normally used in installations where the jukebox and external speakers are located in the same room.

In this mode pushing either set of volume buttons will control the internal *and* external volume at the same time.

Bridge Int - Ext R. Ties the right external amplifier channel to the internal amplifier volume control. Normally used in an installation where the jukebox and an external speaker(s) are in one room with

another external speaker(s) installed in another room or area.

In this mode pushing an internal volume button will change the volume for the jukebox *and* the external speaker(s) connected to the right external channel. Pushing an external volume button will change the volume for a speaker(s) connected to the left external channel which is another area or room.

Bridge Int - Ext L. Same as above except the channels are reversed.
Default: Normal.

Set-up 2 - Password and machine service parameters are set in this menu.

Password Protection

SyberSonic Password protection allows the operator to choose and set up the level of security necessary. There are three (3) passwords, each of which can be assigned a security level. This password/level scheme allows you to assign a password to different job types (i.e. Route Service, Technical Service, Supervisor) in your organization *and* assign each a different (or same if you choose) level of security. Match this option with the enhanced service record and you have all of the tools necessary to know "who, what, where and when."

When assigning passwords, it is important to consider who needs access to what. For instance, you may not want your mechanics to have access to password and accounting functions but access to everything else. Assign Security Level 2 to them. You may want your route service people (collectors) to have access to accounting data but not pricing and free play options. Assign them to Level 1 and set View Level 1 (Quick Find 95) to On. You may want your supervisors to have access to everything. Assign them Level 3.

Security Levels

The Security Levels and what can be accessed in each level are as follows:

- **Level 1 - Service Level**
 - Disc Mapping
 - Page Options
 - Play Options
 - Set Up - 1
 - Set Up - 3
 - Popularity

- Disc Errors
- Test Mode
- Auto Test
- TCM Set Up
- Amp Set Up
- **Level 2 - Set Up Level**
In addition to the items available in Level 1
Auto Play
Free Play
Pricing
- **Level 3 - Master Level**
In addition to the items available in Level 1
and Level 2
Set Up - 2
Accounting (Can be reached from Level 1
if View Level 1 is set to On)
Remote Control

Set the passwords for each security level below.
Note: You must set a level 3 password to set any lower levels.

- 80 PW 1 Security 1 - 3** - Sets the 1st of 3 available passwords. Sets which level of security this password is allowed to access. See the Security level explanation above for details.
- 81 PW 2 Security 1 - 3** - Sets the 2nd of 3 available passwords. Sets which level of security this password is allowed to access. See the Security level explanation above for details.
- 82 PW 3 Security 1 - 3** - Sets the 3rd of 3 available passwords. Sets which level of security this password is allowed to access. See the Security level explanation above for details.
- 83 Serial Num:** Program the machine's serial number into the computer. Default: Machine's Serial Number Programmed At Factory.
- 84 Print Menus** - Sends the current set up data to the SyberSonic IR printer port for use with Rock-Ola Data Printer Kit # 02377-01 (optional).
- 85 Service Record** - Logs date of last entry into Setup Mode and the password number entered.
- 86 Counter Out** - Sends pulses to optional mechanical selection counter (Rock-Ola Kit #02410). Default: All

- 87 Factory Reset** - Allows the programming and audit functions to be quickly reset to factory defaults for commercial or home use.
- 88 Language** - Allows normal operate mode screens to be displayed in a specific language. (Service/Set up mode screens are still displayed in English). Choose from **English, Spanish, German, Portuguese, Czech, French or Finnish**. Default: **English**. *Note: Check with your distributor for a list of the currently available languages.*
- 89 Start Style** - The Start Style allows you to control how the music starts. You may choose from "Fade or Norm."

Set Up 3

- 200 Open Menu ID** - Used to have the jukebox automatically go to the set feature when the setup mode is accessed. *Example: To have the jukebox automatically go to Basic Accounting, set this to Quick Find 92.*
- 201 Auto Power** - Use to have the jukebox automatically power up or down at a set time. Up to 7 cycles may be programmed.

Accounting

- 90 Last Reset** - Date and time that the Period To Date figures were last reset.
- 91 Print Acc. Data** - Sends the accounting data to the SyberSonic IR printer port for use with Rock-Ola Data Printer Kit # 02377-01 (optional).
- 92 Basic acct.** - Simple readouts show selections, plays and cash.
- 93 Total Acct.** - Gives detailed accounting information.
- 94 Clear PTDs** - Clears the period to date accounting data.
- 95 View Level 1** - Allows the viewing of audit data from the Security Level 1. All other protected features remain secure. Useful if you want the service person to have ac-

cess to the accounting data without having access to the MASTER security level (Level 3). Default: No.

- 96 SP "Self Plays"** - If Yes self plays are included in the free percentage calculations.
- 97 Power Cycles** - Displays the date, time and if the jukebox power was cycled on or off.
A sample display is :
10/30 10:06 1
which indicates the jukebox power was turned on at 10:06AM on October 30. Another example is:
10/31 02:05 0
which indicated the jukebox power was turned off at 2:05AM on October 31.

Popularity - Allows readout of most/least popular selected CDs. The SyberSonic **Automatic Disc Change** feature is also accessed from this menu.

- 100 Last Reset** - The date and time the popularity was last reset.
- 101 View Pop.** - Select the direction you want to view the popularity. (To read the popularity data, use Quick Find 103) Choices are:

Least - View the disc popularity in ascending order from the least played CD to the most played CD.

Most - View the popularity in descending order from the most played CD to the least played CD.

CD Order - View the popularity in ascending CD order 00 through 99. *Choose this option to use the Automatic Disc Changing Feature for the initial installation of CD's.*

For ease of use of the Automatic Disc Changing feature, we recommend leaving this feature set to **Least**.

Default: Least

- 102 Print Popularity** - Sends the popularity data to the IR data port on the computer

for use with Rock-Ola Data Printer Kit # 02977-01 (optional).

- 103 View Pop. Data** - View the popularity data in the order based upon the setting in Quick Find 101.

Can also use the **Automatic Disc Changing** feature by pressing **keyboard switch #1** to retrieve the disc number displayed. **#2 puts the selected disc away**. The SyberSonic System also "remembers" the disc number for automatic mapping. (See the section on disc changing for detailed instructions on the disc changing feature).

- 104 Clear Pop. Data** - Clears the popularity data. **Note:** *If Pop Data is cleared and Hits Button is set to Play, Hits Button will not work until several tunes have been selected via the keyboard.*

Disc Errors - Allows logging of errors of unplayable or skipping tracks or discs.

- 110 View By Order** - Sets the way disc errors are displayed. "Order" will display disc errors in magazine ascending order (00-99). "Errors" will display the data by greatest to least number of errors. Discs with no errors will not be displayed. Default: Order.

- 111 Print Errors** - Sends the Disc Error data to the SyberSonic I.R. printer port for use with Rock-Ola Data Printer Kit #02377-01 (optional).

- 112 Playing Errors** - Displays the disc errors in the order as set in Quick Find 110.

- 113 Locked Tracks** - Tracks that were automatically locked out after exceeding the maximum number of playing errors.

- 114 Missing Discs** - Displays disc spaces that considered missing or could not be read by the CD player.

- 115 Clear Errors** - Clears all disc error data, except for the missing discs.

Remote Control - Allows the features of the Standard and Optional Deluxe I.R. remote transmitter to be programmed. (See Section "K" for Remote Control button functions.)

120 Pause/Mute - Sets the amount of time, in minutes, a song will stop playing if the pause button on the IR remote control is pressed. Also sets how the machine will pause. Choose from Mute or Suspend Operation. Mute will shut off the audio but allow the jukebox to take money and selections. Suspend operation causes the jukebox to immediately stop playing and the display will read "Please Wait..."

Pressing "pause" or any volume button on the remote will cause the song to resume playing. Once the set time has elapsed the jukebox will automatically resume playing. Entering "00" will cause the pause time to be unlimited. Default: 00.

121 Select Type (Remote Selections) - Choose from Off, Any or Free. Default: Off.

Off - Disables the ability to make selections via the remote control.

Any - When this option is chosen, selections can be made via the remote control regardless of credit status. Credits, if they exist, will not be deducted. **Note:** *If this feature is used, Rem Playlist (Quick Find 122) must be set to OFF.*

Free - Selections can be made via the remote control only if the machine is on free play or if "free play" credits exist. Only "free play credits" will be deducted when selections are made.

122 Rem Playlist - Enables or Disables specific discs that selections can be made from via the deluxe remote control regardless of credit status. **Note:** *If this feature is used, Select Type (Quick Find 121) must not be set to ANY.* Default: Off

123 Surround Snd - If enabled, allows the surround sound feature of the amplifier to be switched via the remote control. Default: Off.

124 Select Album - Allows the selection of an entire disc via the optional deluxe remote

control by pressing 00 and enter after pressing the disc number. Default: Off.

125 Cancel Disc - If enabled, pressing the Asterisk (*) button on the remote will cancel all selections that have been made from the disc currently playing. **Note:** *If Remote Credit (Quick Find 55) is used, this feature will not function.* Default: Off.

126 Clear Mem. - Will cancel entire play queue if ON and button is activated. Default: Off.

127 Random Sel. - Enables random play as set in auto play menu. 4 available options: Off, On, Prog, and One. Default: Off.

128 Background - Enables background playlists as set in auto play menu. Default: Off.

129 Play Lists - Enables the ability to create 3 separate play lists with up to 50 songs per list. Default: Off.

Test Mode - Provides access to the self testing and self diagnostic routines of the SyberSonic System.

130 View Errors - Lists, by sub-system, errors the SyberSonic self-diagnostic system has detected.

See the explanations for Quick Find 136 - 140 for further information about errors.

131 View/Run CPU Tests - Allows the selection of one of three self-diagnostic routines for the CPU. The CPU tests include Power Up Test, Inputs Test and Output Test.

See the explanations for Quick Find 142 - 144 for further test information.

132 Run Keybrd. Test - Allows the testing of the keyboard switches. When a keyboard button is pressed, the display will indicate which button is pressed. Errors (if any) will be logged into the Keyboard Error register. (Quick Find 137)

To exit this test, cycle the service switch or press the resume button on the CPU. (If further testing or programming is desired, you will need to re-enter the setup mode by pressing the service button on the CPU.)

- 133 Run Display Test** - Will cause the display to cycle through all of its available characters.

To stop this test press RESET on the keyboard.

- 134 Run Pages Test** - Will cause the title display pages to fully cycle. Errors (if any) will be logged into the Page Errors register. (Quick Find 139)

This test stops automatically at the end of its routine.

- 135 View/Run Mech. Tests** - Provides access to the five playing mechanism self test routines. These are Index Test, Gripper Test, Short Test, Test All Discs and CD Tests.

See the explanations for Quick Find 145 - 149 for further mechanism test information.

- 136 View CPU Input Errors** - Displays the Error Code, Date and Time of CPU Input Errors. The display will indicate "End CPU Errors" when the end of the list is reached or if no errors exist.

See the Error Codes chart for further information.

- 137 View Kybd Errors** - Displays the Error Code, Date and Time of Keyboard Errors. The Display will indicate "End Kybd Errors" when the end of the list is reached or if no errors exist.

See the Error Codes chart for further information.

- 138 View Mech Errors** - Displays the Error Code, Date and Time of Mechanism Errors. The display will indicate "End Mech Errors" when the end of the list is reached or if no errors exist.

See the Error Codes chart for further information.

- 139 View Page Errors** - Displays the Error Code, Date and Time of Page Errors. The display will indicate "End Page Errors" when the end of the list is reached or if no errors exist.

See the Error Codes chart for further information.

- 140 View Wlbox Errors** - Displays the Error Code, Date and Time of Wallbox errors. The display will indicate "End Wlbox Errors" when the end of the list is reached or if no errors exist.

See the Error Codes chart for further information.

- 141 Clear Errors** - Clears all Error Codes.

- 142 Run Power Up Test** - This routine tests internal functions of the CPU and communication between the CPU and CD player.

See the Power Up Test Results chart for further information.

- 143 Run Inputs Test** - This routine tests the 24 Input lines to the CPU. The display will cycle through each input, indicating its logic level (Hi or Lo).
See the Test Input Codes chart for further information.

- 144 Run Outputs Test** - This routine tests the 14 output lines from the CPU. The display will cycle through each output, indicating its voltage level (Gnd or Vcc).

See the Test Output Codes chart for further information.

- 145 Run Index Test** - This routine will cause the playing mechanism to pick up and replace the disc in slots 00, 01, 49, 50, 98 and 99. The purpose of this is to check the function of the mechanism's opto counter and also to check the basket to gripper bow alignment.

- 146 Run Gripper Test** - Allows the gripper bow to be operated by pressing the Cancel/Scan switch on the mechanism.

- 147 Run Short Test** - Will cause the mechanism to pick up and spin each CD. The

display will indicate the number of tracks on the currently spinning disc.

- 148 Test All Disc (Long Test)** - Will cause the mechanism to pick up and play the first 5 seconds of each track on every CD installed. The display will show the number of tracks on the disc and then indicate the selection number as it is playing.

- 149 Run CD Tests** - Provides a means to test the CD Player. When selected, the mechanism will pick up disc 00 and place it on the laser. Two tests are then available, Play Test and Servo Test.

Play Test: Will pick up disc 00 and play it. The Display will show the number of tracks on the disc. Once the disc is playing, the display will indicate the selection number playing. At this point you have the option of using keyboard buttons 1 - 4 to start the disc playing from the first track, move to the next track, move back to the previous track or stop the disc.

Servo Test: This test allows you to test the functions of the laser player. Using keyboard buttons 1 - 5, you may turn focus on, turn focus off, turn turntable on, turn turntable off, and move the laser arm in and out. The display will indicate each functions status.

Auto Test - Used for testing and burn-in of machine components.

- 150 Run Auto Test** - Will cause the SyberSonic System to automatically run all of its self test routines.
- 151 View Report** - Will display the start, end and elapsed times for the Auto Test. (Quick Find locations 154 - 156).
- 152 Print Report** - Sends the Auto Test report to the SyberSonic I.R. printer port.
- 153 Clear Report** - Clears the Auto Test report.
- 154 Start MM/DD 00:00** - Displays the start time of the most recent Auto Test.
- 155 Stop MM/DD 00:00** - Displays the stop time of the most recent Auto Test.

- 156 Elapsed 000:00** - Displays the elapsed time of the most recent Auto Test.
- 157 View Keybd Errors** - Displays any keyboard errors that may have occurred during the Auto Test.
- 158 View Mech Errors** - Displays any mechanism errors that may have occurred during the Auto Test.
- 159 View Page Errors** - Displays any page errors that may have occurred during the Auto Test.
- 160 View Wlbr Errors** - Reserved for future use.

TCM Setup - Settings and options for the Rock-Ola Telecommunications Module. (Module Kit is optional equipment). **Note:** *If TCM is not installed, all TCM setups must be left at factory defaults.*

- 170 Recv Calls** - Sets the jukebox up to be able to receive modem calls for the purpose of downloading audit and popularity data and also for remote access to programming features.

- **No** - The line will never be answered. Use this setting if you do not want the machine to have remote access.
- **Yes** - This sets the machine to answer the line any time it rings.

Number of Rings - Sets the number of rings that can pass before the machine automatically answers the phone line.

Clear Settings - Quickly resets all receive call settings to factory defaults.

- **Prog** - Sets the machine to answer the line only on certain days and/or at certain times.

Day - Choose day to receive call.

Start Time - Choose the time to start receiving calls.

Stop Time - Choose the time to stop receiving calls.

Number of Rings - Sets the number of rings that can pass before the machine automatically answers the phone line.

If you are sharing the line with a pay phone that does not accept incoming calls or are using a dedicated phone line, the recommended setting is 2.

If you are sharing a line with the location's house phone or a public phone that accepts incoming calls, two methods are suggested.

Answer after 15 rings during normal business hours.

Answer after 2 rings during normally closed hours.

Clear Settings - Quickly resets all receive call settings to factory defaults.

171 Call Office - These settings are used to have the jukebox automatically place calls to the office for the purpose of uploading data. *To have the machine automatically notify you in the event of a malfunction, see "Call if Prob" in the Automatic Malfunction Notification section below. Enter the "Call Ofc" Number for Automatic Malfunction Notification in this area.*

- **No** - Do not call the office to upload data.
- **Yes** - Automatically call office and upload data.

Day - Choose day to call.

Start Time - Choose the time to enable automatic calling.

Stop Time - Choose the time to disable automatic calling.

Telephone Number - The number to which the data is to be uploaded. This is entered the same way that a custom message is entered. (See the section describing message entry for detailed instructions.) Allowable characters are the numerals 0-9, *, # and capitol P.

A character "P" inserted into a telephone number will cause a 1 second delay after the "P." "PP" will cause a 2 second delay, "PPP" will cause a 3 second delay, etc. The pause is used to create a delay to allow for the entry of a calling (credit) card number, to wait for an outside line, etc.

Retries - Number of times TCM should try to send the message in the event of a communications malfunction.

Clear Settings - Quickly resets the "Call Office" features to the factory defaults.

172 Call if Problem

- **No** - Do not call for any malfunction.
- **Yes** - Call if a selected malfunction occurs. (The malfunctions will be selected below.)

Enter Pager Number - If the machine is set to notify via pager, the telephone number, identification code (in any) and function numbers (if any) are entered here. This includes any dialing prefixes and suffixes. This is entered the same way that a custom message is entered. (See the section describing message entry below for detailed instructions.) Allowable characters are the numerals 0-9, *, # and capitol P.

A character "P" inserted into a telephone number will cause a 1 second delay after the "P." "PP" will cause a 2 second delay, "PPP" will cause a 3 second delay, etc. The pause is used to create a delay to allow the paging system to respond and for the entry of a calling (credit) card number, to wait for an outside line, etc. Additional pauses may also be necessary if your paging service requires an access code. **Important!** A minimum of 3 P's are necessary (3 second delay) after the pager number to allow the paging system time to respond. If no pause time is allowed, the paging system will not

be able to properly receive and then transmit the data to you.

An example of a typical "direct dial" pager dialing string may look like: 5554567PPPP where 5554567 is the pager number and PPPP is a 4 second pause to allow the paging system to answer and respond before the jukebox sends its error code information. *To know exactly how many P's to insert into the dialing string, call your pager number from the phone line that the jukebox is plugged into and count the number of seconds from the time the last button is pushed until the paging service responds. Add one more second to that number and insert the corresponding number of pauses into the dialing string.*

Another example: the following is used to call a Skytel® Pager:
18007598888PPPPP#nnnnn#PPPP

In the above example, 18007598888 is the access number, PPPPP causes a 5 second delay to wait for the Skytel system to answer, #nnnnnn# represent the "PIN" number and PPPP gives the paging system time to respond before the jukebox sends its error code.

Enter Pager Suffix - This is a string of characters that ends the paging cycle after the error code is sent. i.e. A Skytel Pager requires 2 "#" tones be sent to end the paging cycle.

Pages to Send - The number of times to successfully send the page. This setting is included to compensate for paging systems that have a tendency to "miss" some pages. The system will retry if the location line is in use until it is successful.

Report DBA Jam

Yes - Will cause the machine to page and post a message at the office in the event of a jammed or full DBA. The "office" number to be called is the same one as

set in Call Office (Quick Find 171).

No - Will cause the machine to ignore this malfunction.

Ofc - Will cause the machine to only post a message at the office.

Pgr - Will cause the machine to only page in the event of this malfunction.

Report Fatal Error

Yes - Will cause the machine to page and post a message at the office in the event of a "fatal error" such as an inoperative mechanism. The "office" number to be called is the same one as set in Call Office (Quick Find 171).

No - Will cause the machine to ignore this malfunction.

Ofc - Will cause the machine to only post a message at the office.

Pgr - Will cause the machine to only page in the event of this malfunction.

Report Break In

Yes - Will cause the machine to page and post a message at the office in the event of an unauthorized entry into the jukebox. The "office" number to be called is the same one as set in Call Office (Quick Find 171).

No - Will cause the machine to ignore this malfunction.

Ofc - Will cause the machine to only post a message at the office.

Pgr - Will cause the machine to only page in the event of this malfunction.

Note: Setup mode must be accessed and password entered (if enabled) within 30 seconds of opening the lid or else the break-in warning will be sent.

Report CD Errors

Yes - Will cause the machine to page and post a message at the office in the event of 50 CD playing errors in one day. The "office" number to be called is

the same one as set in Call Office (Quick Find 171)

No - Will cause the machine to ignore this malfunction.

Ofc - Will cause the machine to only post a message at the office.

Pgr - Will cause the machine to only page in the event of this malfunction.

Clear Settings - Will quickly restore the factory default settings for the Call if Problem options.

machine's power.

175 Modem

- **Rock-Ola** - This setting is to be used for the Rock-Ola modem provided in the 2417-02 kit.
- **DELETE** Sentence in parenthesis after Rckwl 14.4
- **Off** - This setting is turns the entire Telecommunications system off. Use when no modem is installed, or you do not the telecommunications to operate.
- **Direct** - This setting is used to connect the jukebox to a PC via a serial cable. After connecting the jukebox to the PC, choose this setting. Press the Cancel/scan button to exit the session, then return the setting to the off or the correct modem type.

176 Telecommunications Password

This is the four digit password used to identify this jukebox by the "Get Connected" program. If it is left at the factory default of "0000" then it can be changed by remote control.

177 Reset Telecommunications ID

This clears the ID code assigned to the jukebox by the "Get Connected" program.

Resetting the ID means the jukebox will no longer be linked to the existing jukebox profile in the "Get Connected" program. This should only be necessary when you are

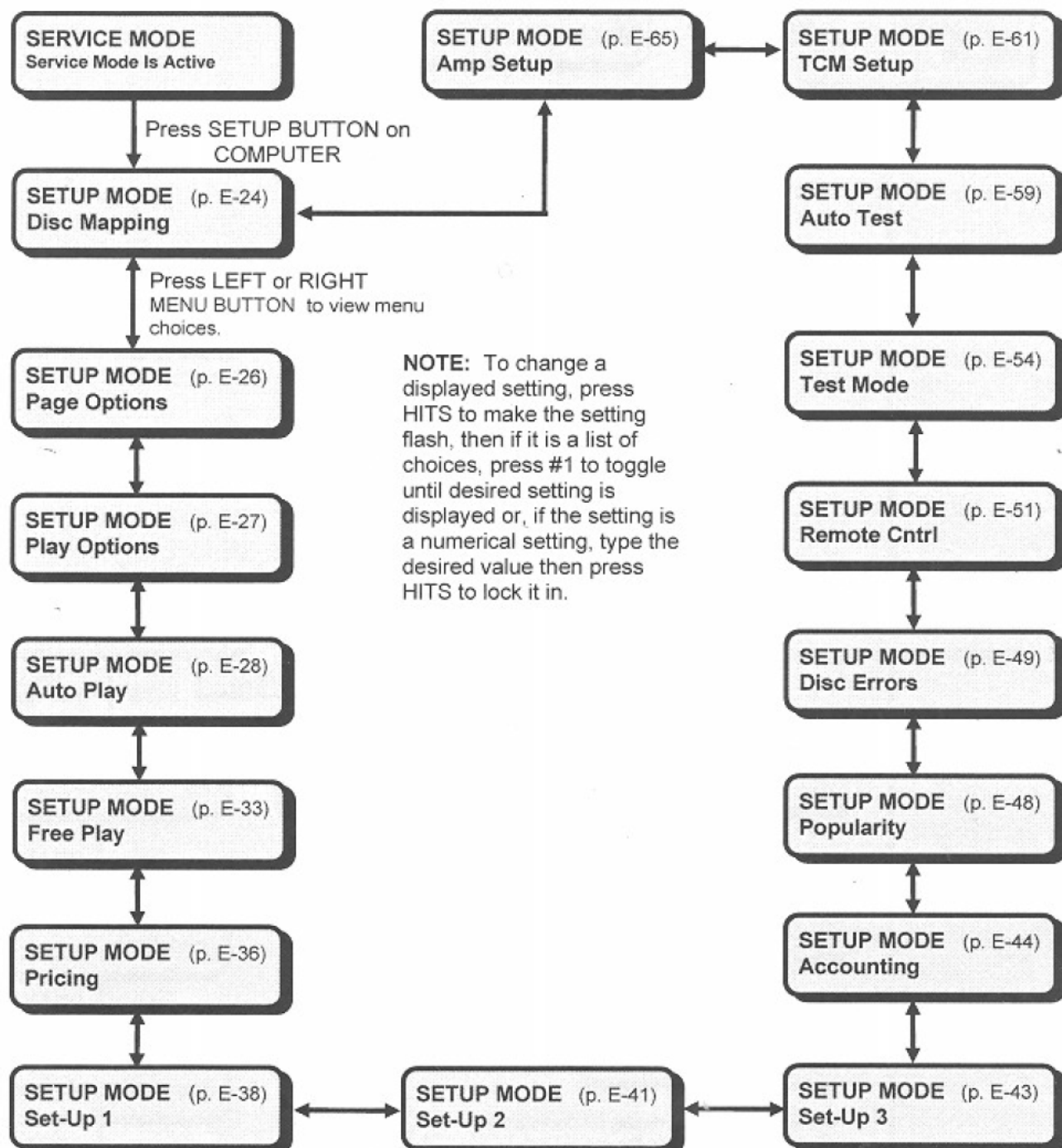
selling the jukebox or discontinuing the use of the modem.

Amp Setup- Provides access to the Equalizer, Balance, Music Level While Paging, Page Decay and Factory Reset functions for the Digital SyberSonic Amplifiers. **Detailed amplifier descriptions and programming instructions are located in Section D of this manual.**

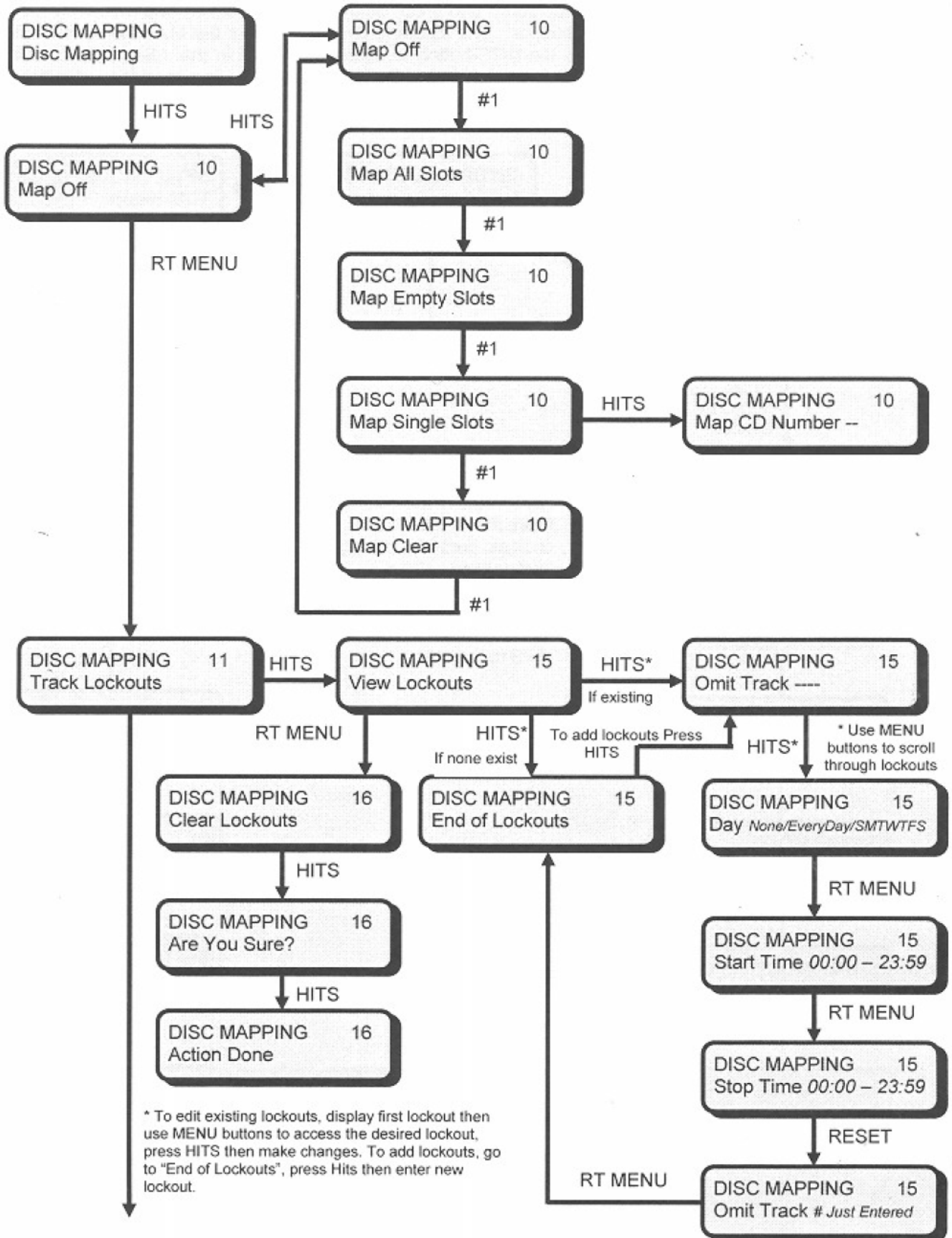
- 210 **Internal Amp** – Provides access to the standard Digital Amplifier setting options. When chosen will jump to Quick Find 213, Int. Equalizer.
- 211 **External Amp** – Provides access to the optional Auxiliary Digital Amplifier setting options. When chosen will jump to Quick Find 222, Ext. Equalizer.
- 212 **Page Decay** – Sets the delay time, in seconds, that the music will "fade" back to the set volume. Page decay is set for all channels simultaneously.
- 213 **Int. Equalizer** - Sets the 7 band graphic equalizer for the internal amplifier.
- 214 **Int. Balance** - Sets the left to right balance for the internal amplifier.
- 215 **Int. MLWP** - Sets the Music Level While Paging for the internal amplifier. The MLWP is a percentage of the music volume heard while the paging microphone is used. If selected, will jump to Quick Find 218. Left and Right Channels are set separately via Quick Find 218 and Quick Find 219 respectively.
- 216 **Int. Loudness** - Sets the loudness contour for the internal amplifier. If selected, will jump to Quick Find 220. Left and Right channels are set separately via Quick Find 220 and Quick Find 221 respectively.
- 217 **Reset Int. Amp** - Quickly restores settings for the internal amplifier to their factory settings.
- 218 **Internal Left MLWP** – Set how much of the music is heard through the Internal Left channel during a "page."

- 219 Internal Right MLWP** – Sets how much of the music is heard through the Internal Right Channel during a "page."
- 220 Internal Left Loudness** – Turns the loudness contour on or off for the Internal Amplifier's Left Channel.
- 221 Internal Right Loudness** – Turns the loudness contour on or off for the Internal Amplifier's Right Channel.
- 231 Internal AVC** – Turns the Automatic Volume Control on or off for the Internal Amplifier.
- 222 Ext. Equalizer** - Sets the 7 band graphic equalizer for the optional Auxiliary Digital Amplifier.
- 223 Ext. Balance** - Sets the left to right balance for the optional Auxiliary Digital Amplifier.
- 224 Ext. MLWP** - Sets the Music Level While Paging for the external amplifier. The MLWP is a percentage of the music volume heard while the paging microphone is used. If selected, will jump to Quick Find 227. Left and Right Channels are set separately via Quick Find 227 and Quick Find 228 respectively.
- 225 Ext. Loudness** - Sets the loudness contour for the external amplifier. If selected, will jump to Quick Find 229. Left and Right Channels are set separately via Quick Find 229 and Quick Find 230 respectively.
- 226 Reset Ext. Amp** - Quickly restores settings for the external amplifier to their factory settings.
- 227 External Left MLWP** – Set how much of the music is heard through the External Left channel during a "page."
- 228 External Right MLWP** – Set how much of the music is heard through the External Right channel during a "page."
- 229 External Left Loudness** – Turns the loudness contour on or off for the External Amplifier's Left Channel.
- 230 External Right Loudness** – Turns the loudness contour on or off for the External Amplifier's Right Channel.
- 232 External AVC** – Turns the Automatic Volume Control on or off for the External Amplifier.

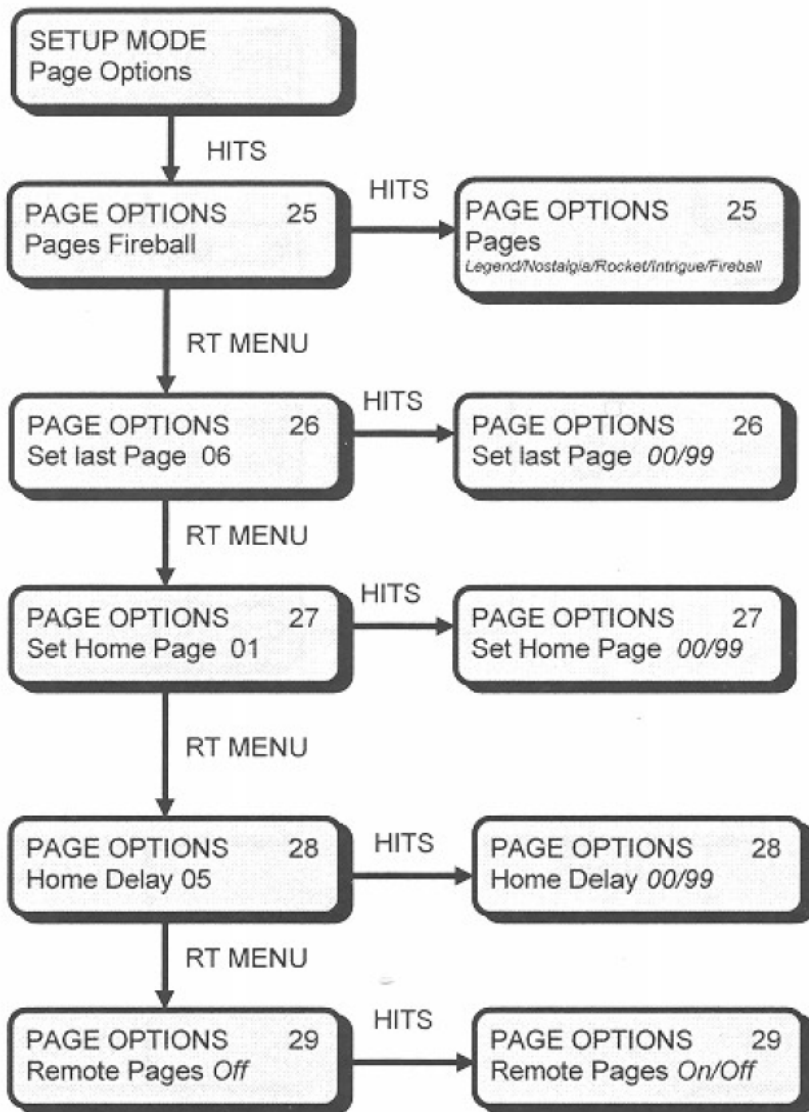
To enter the SETUP MODE, open dome/door, and press Scan/Cancel red button twice. To view Menu choices, press the left or right Menu buttons. The following chart represents the Main Menu flow path. Once the desired item is found, press the HITS button to access items within that Menu. For specific feature explanations, see the Quick Find Programming Definitions section. See the Menu Navigation Section for details on using the "Menu Navigation Keys". See the flow chart for the chosen menu item for further details. To EXIT, simply close the lid/door.



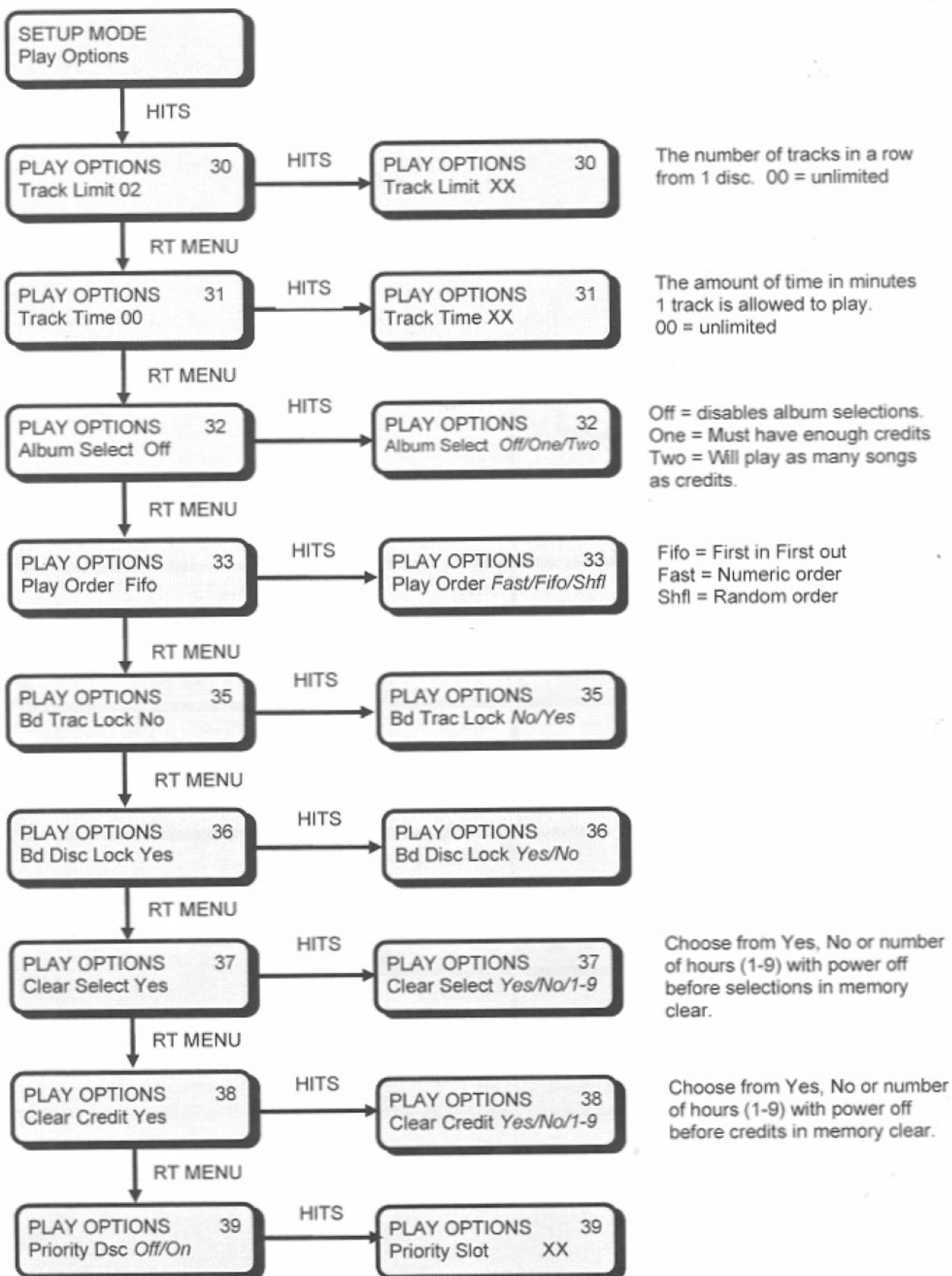
DISC MAPPING



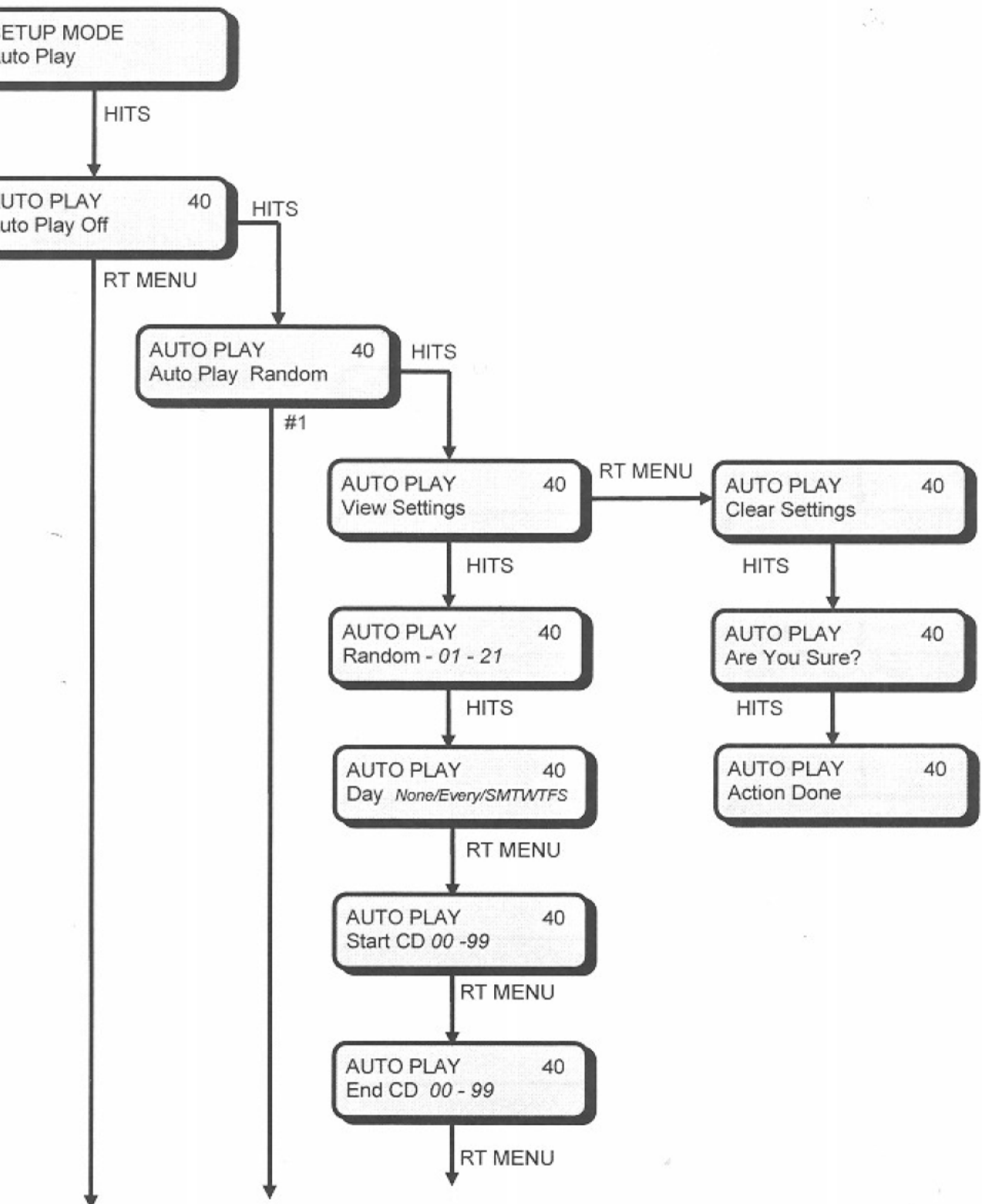
PAGE OPTIONS

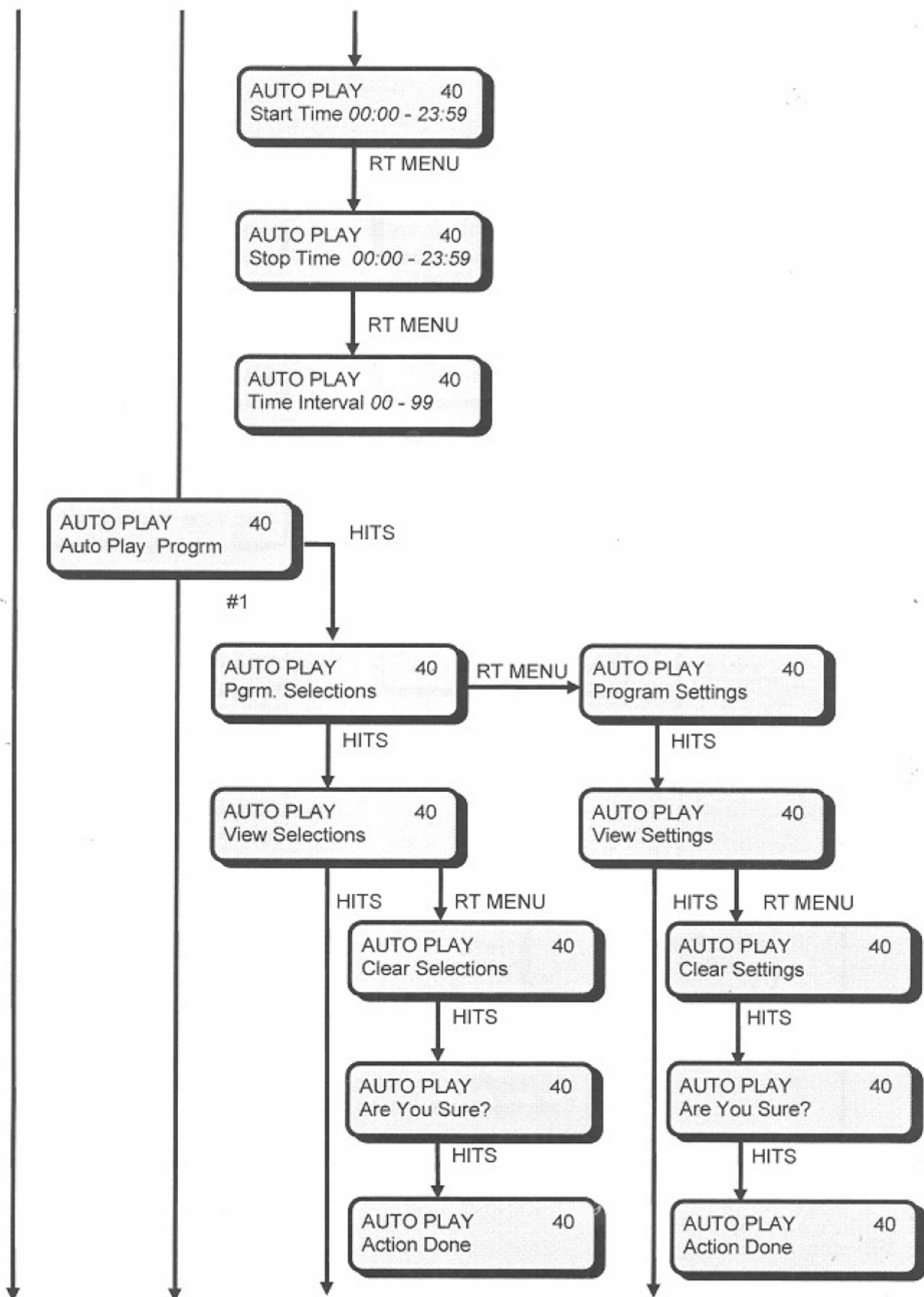


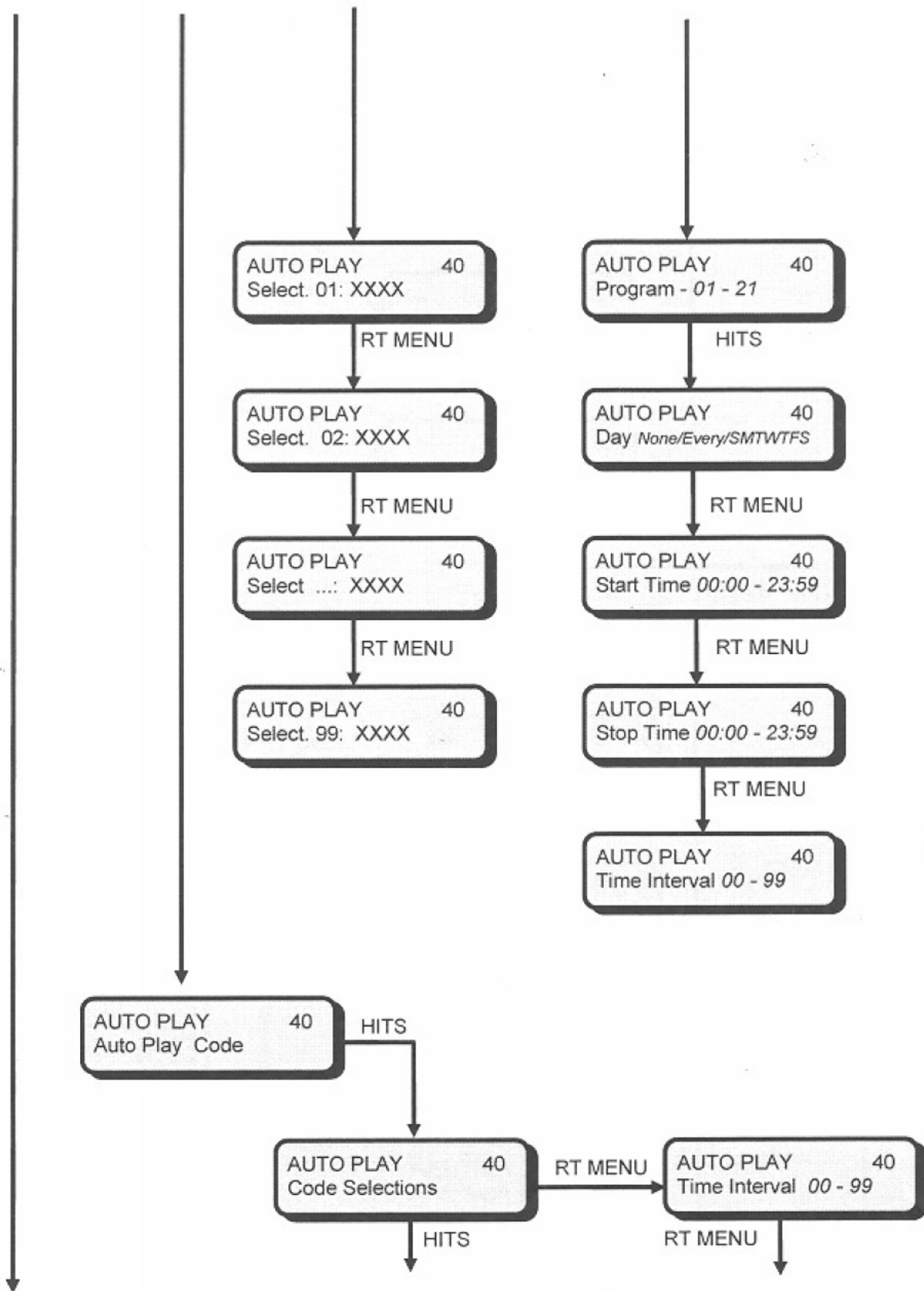
PLAY OPTIONS

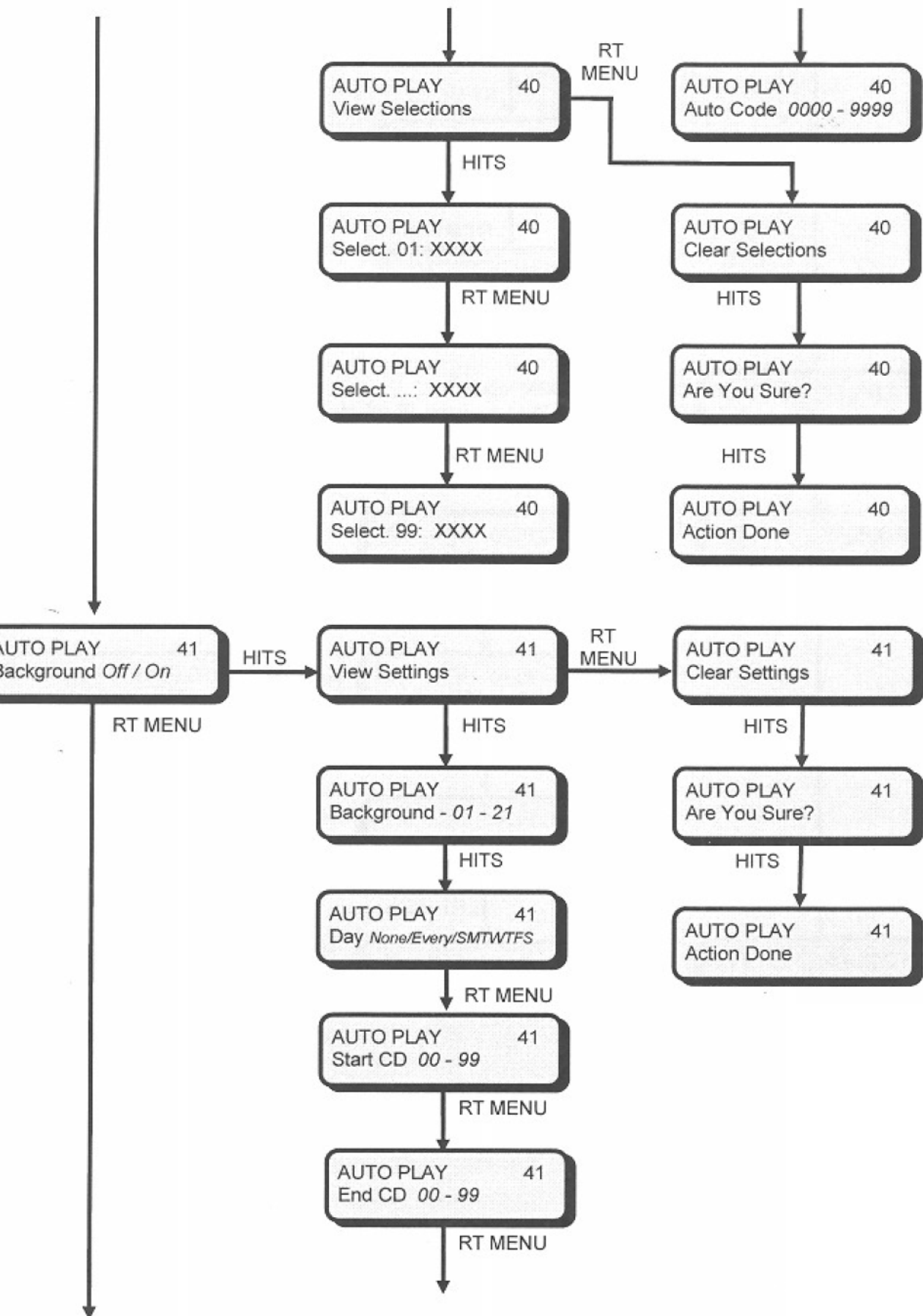


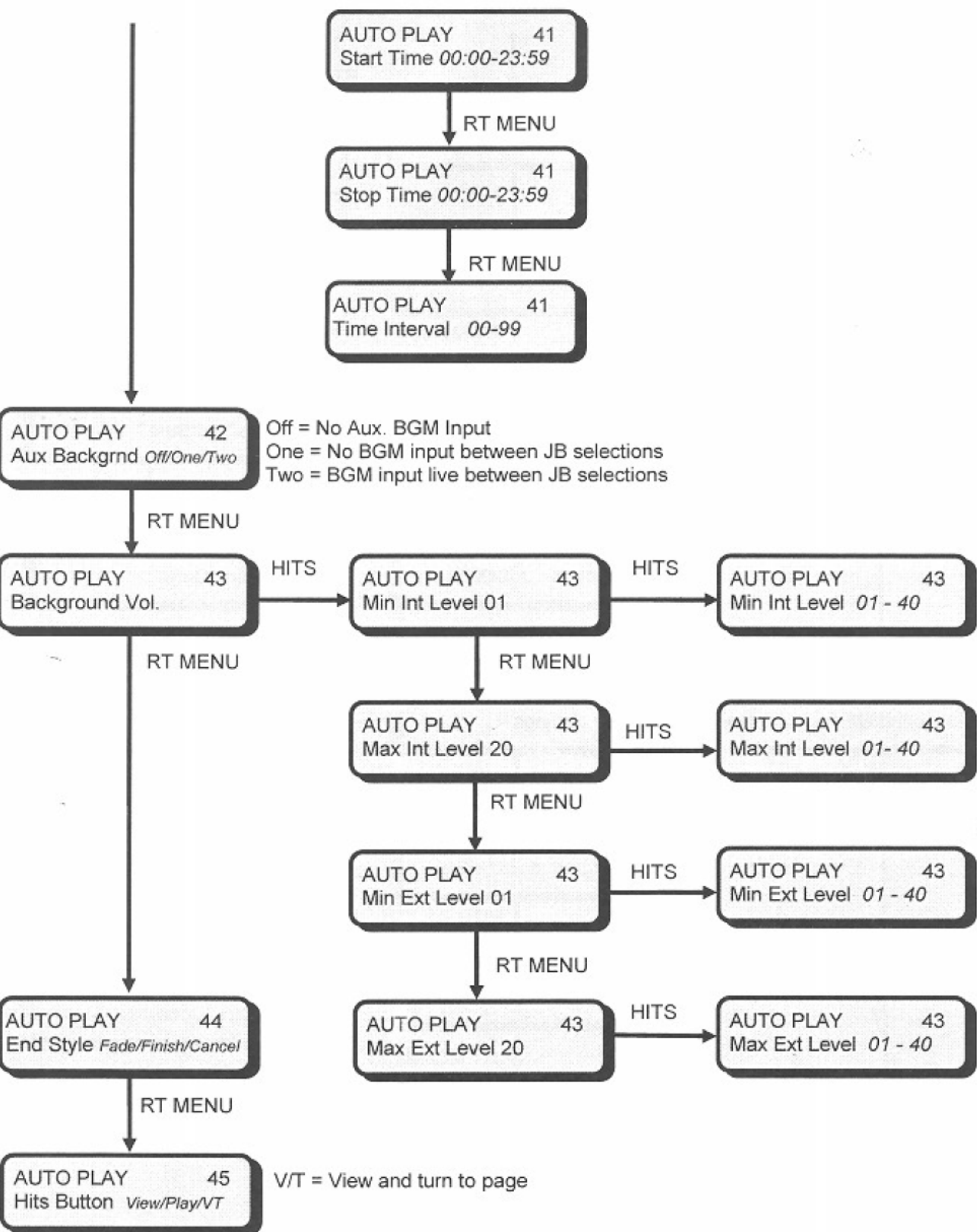
AUTO PLAY



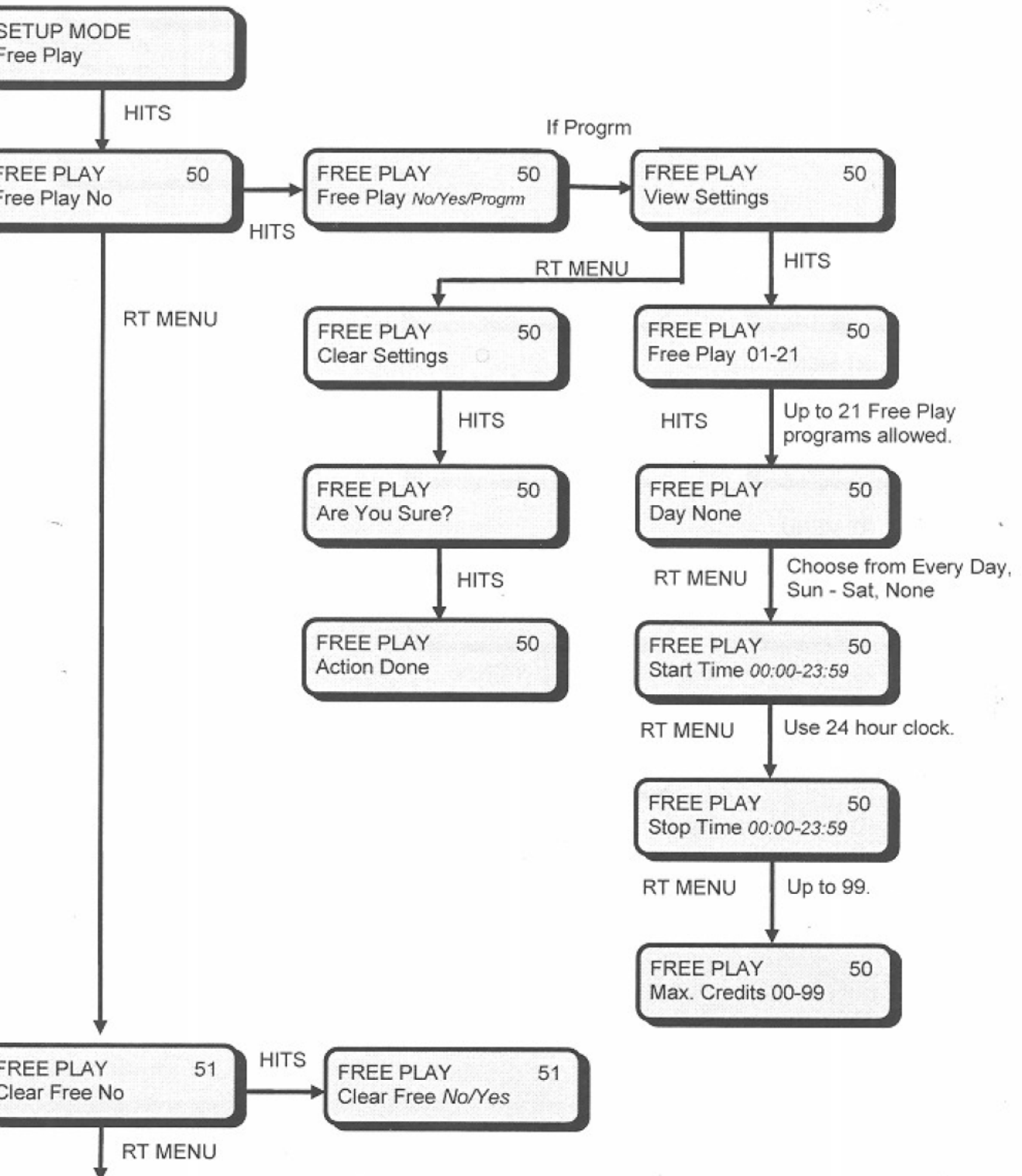


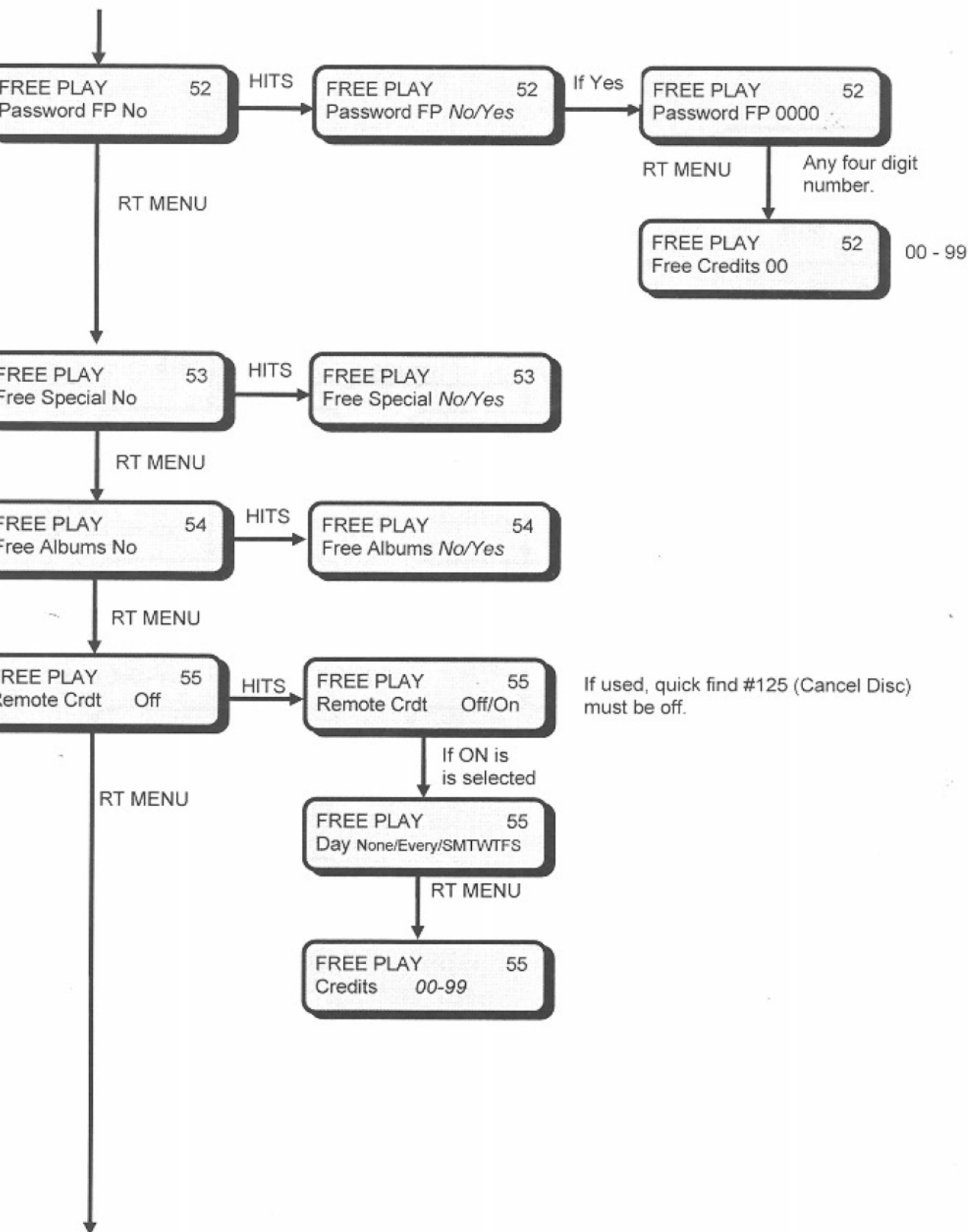




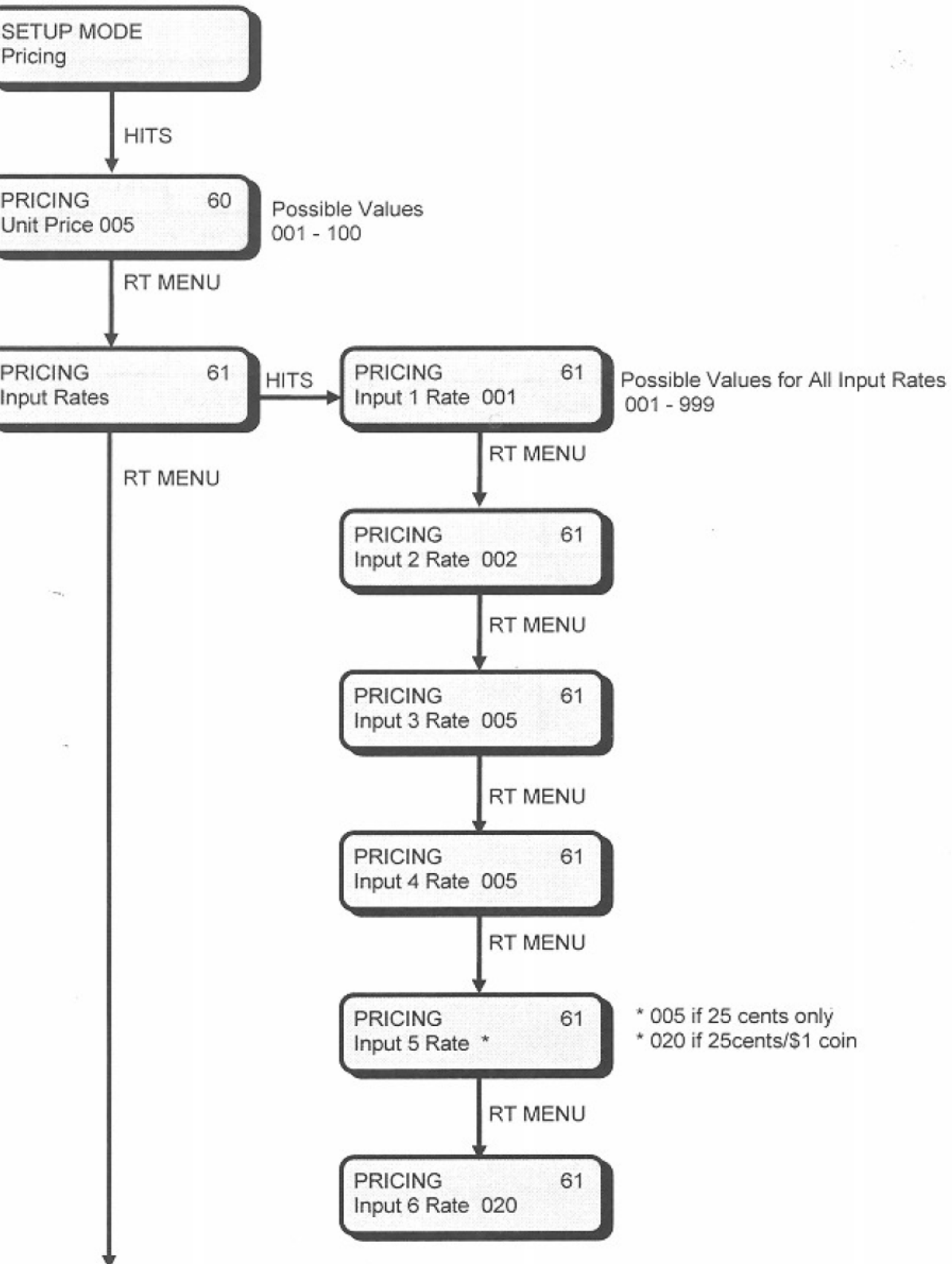


FREE PLAY

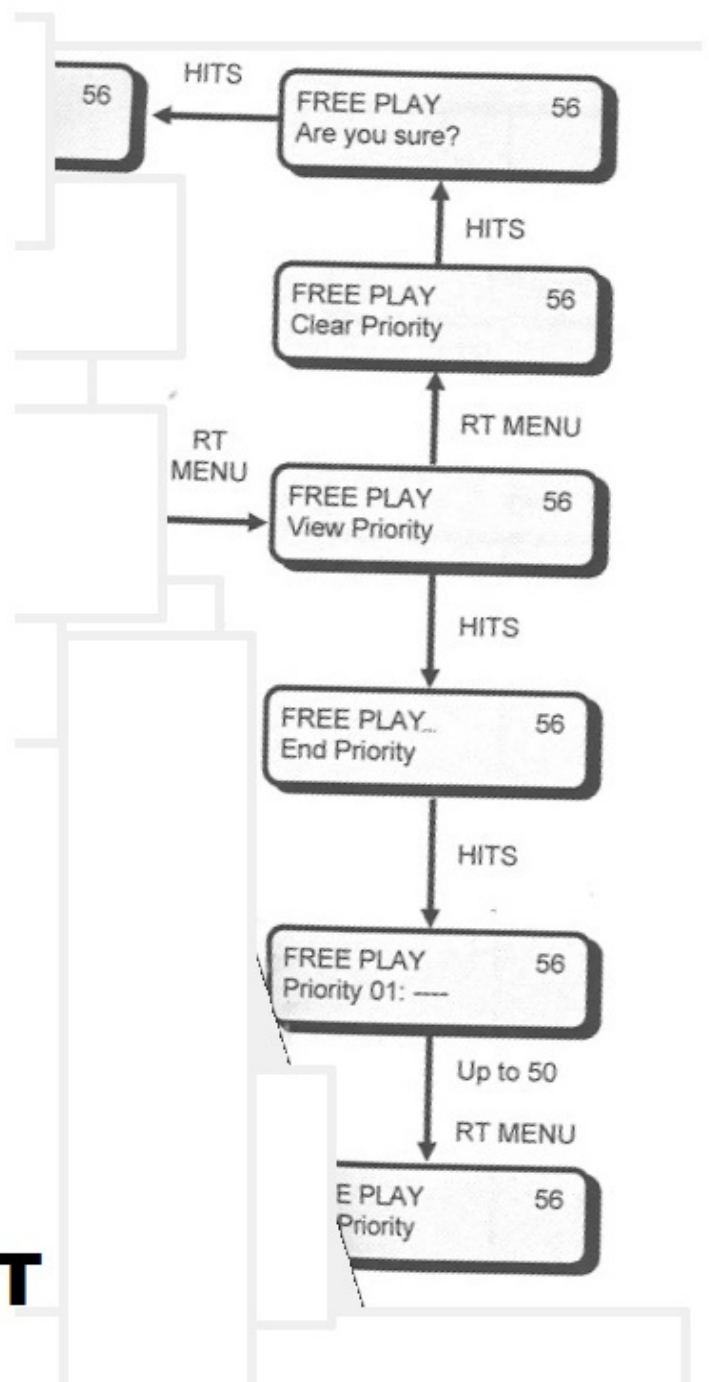




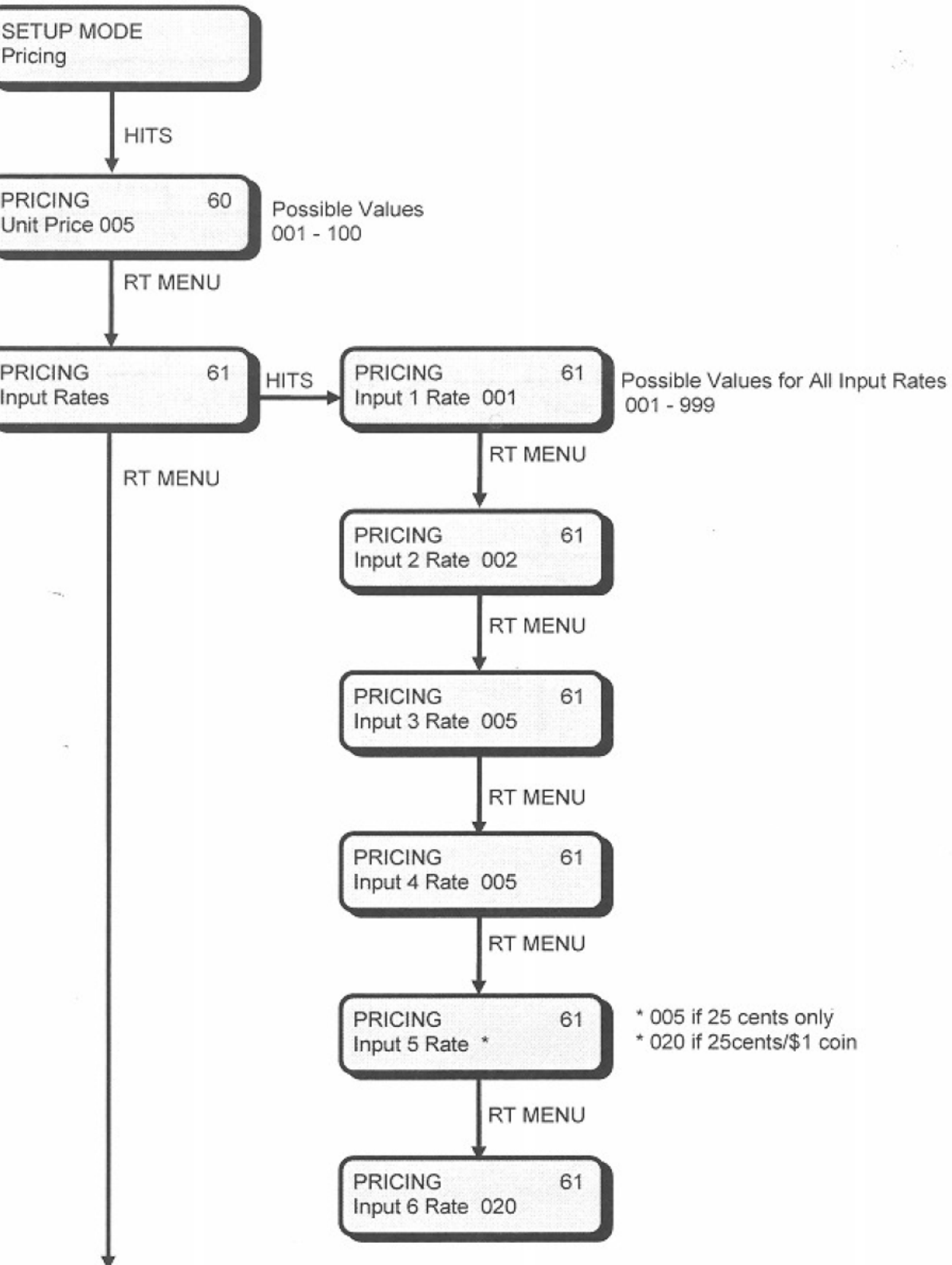
PRICING

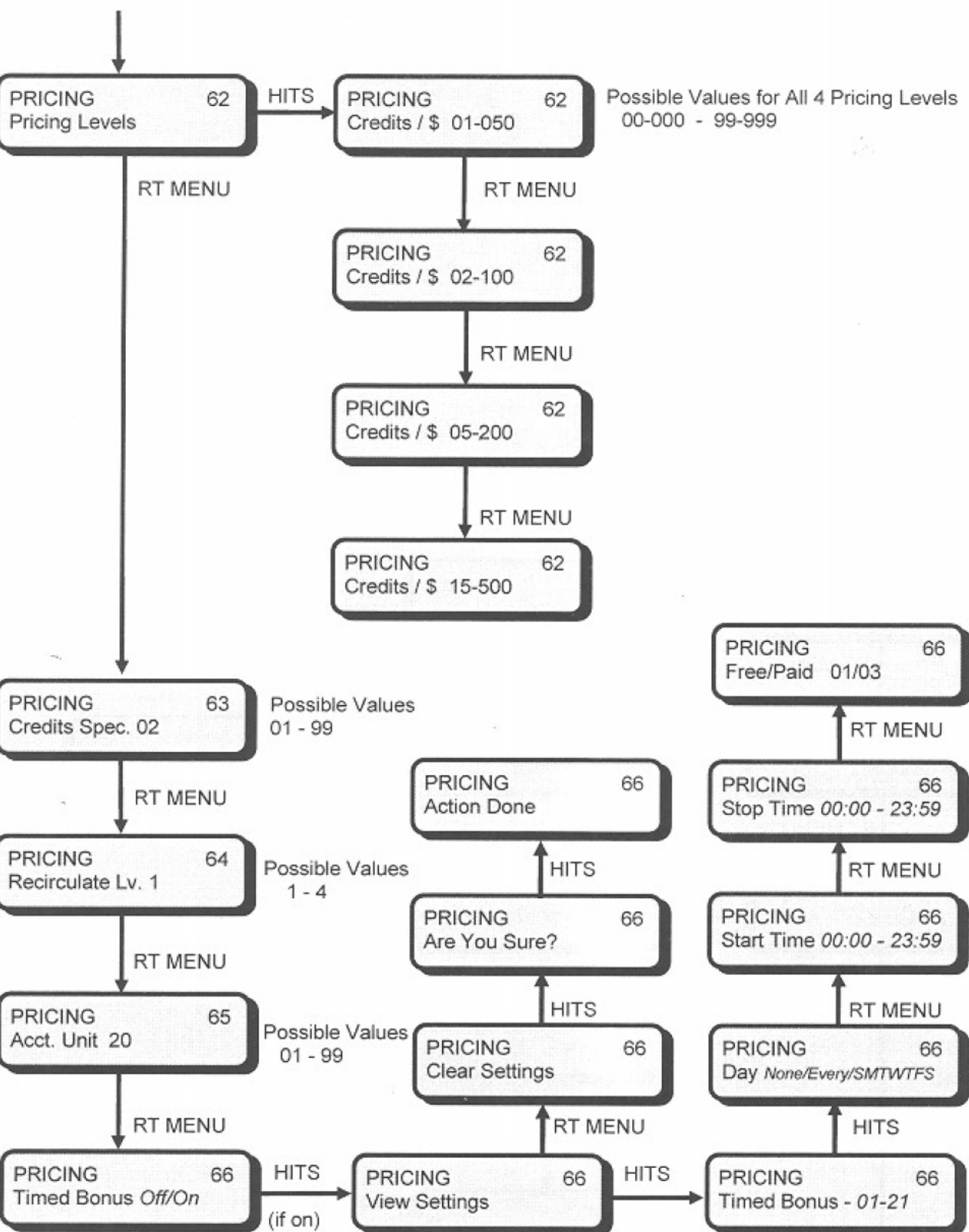


**PAGE NOT COMPLETE
ONLY A PORTION
OF PAGE WAS PRESENT**

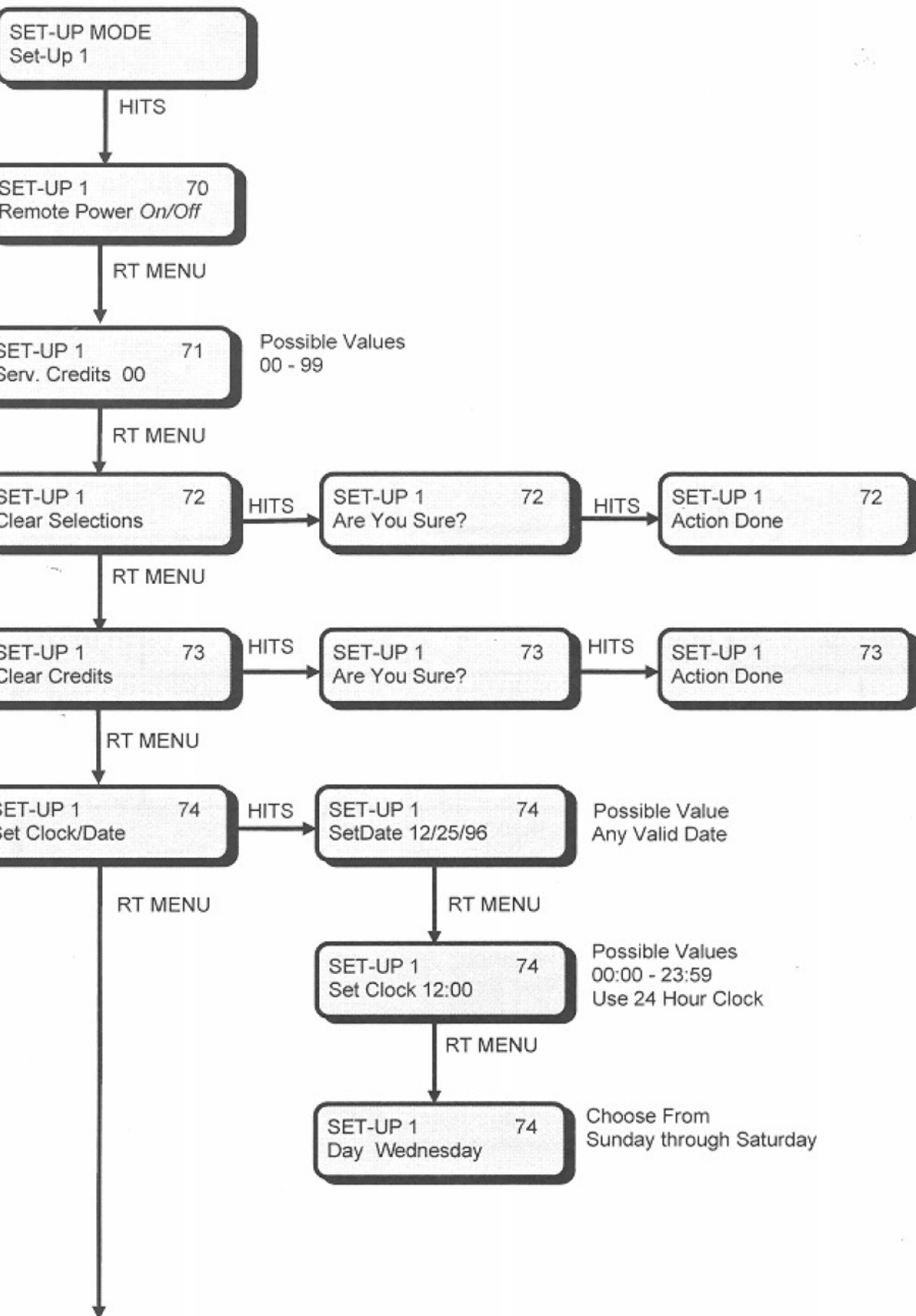


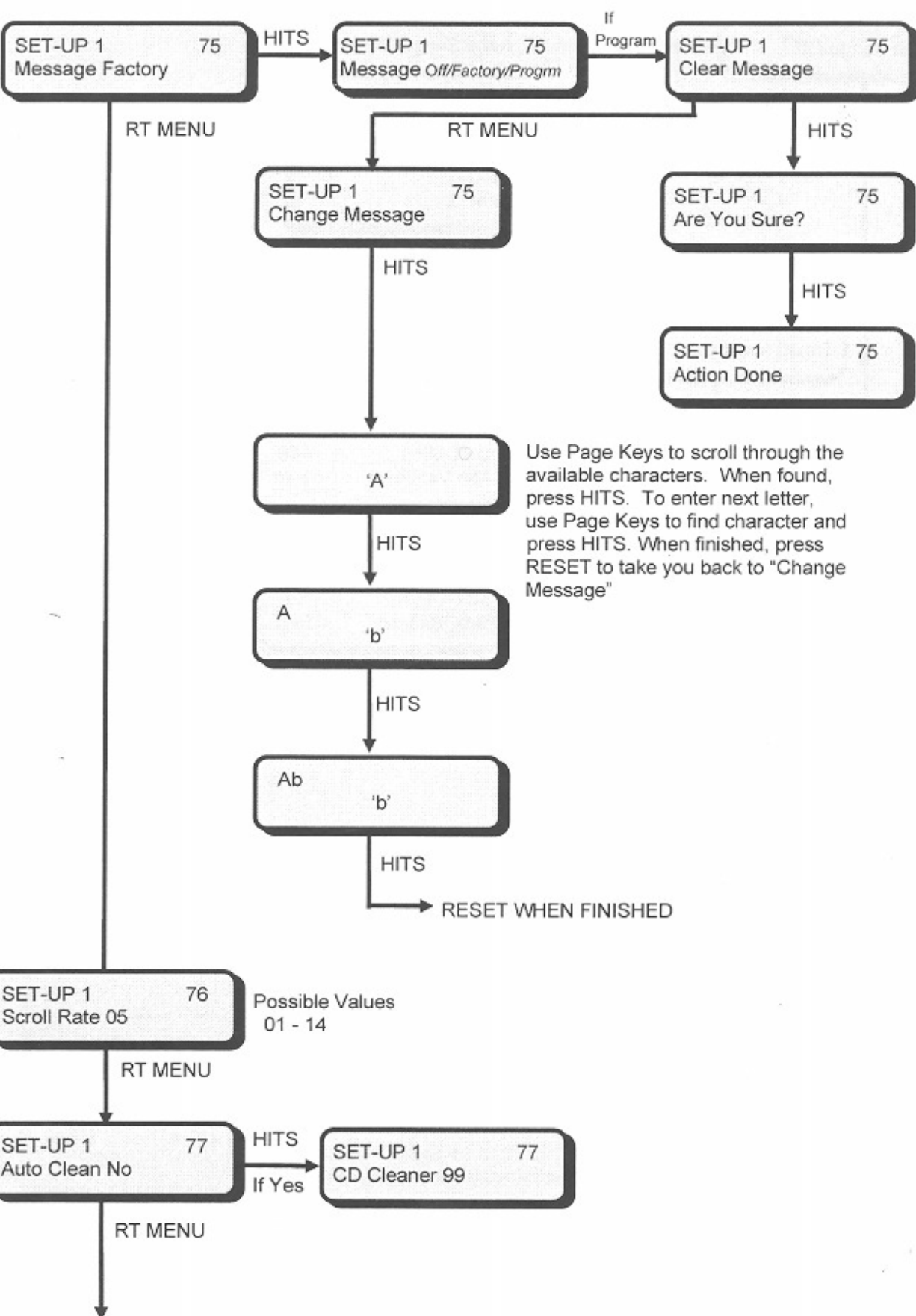
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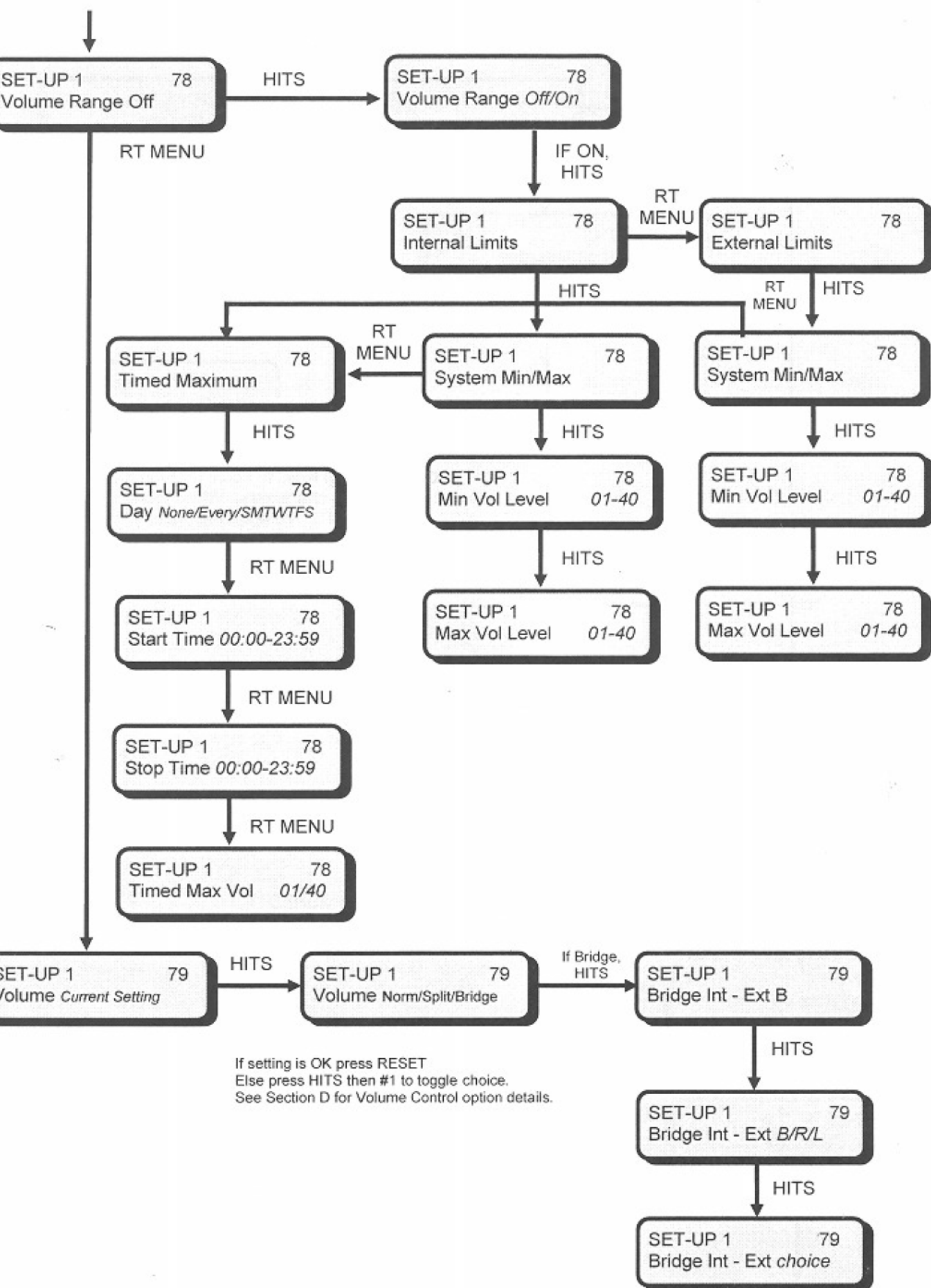




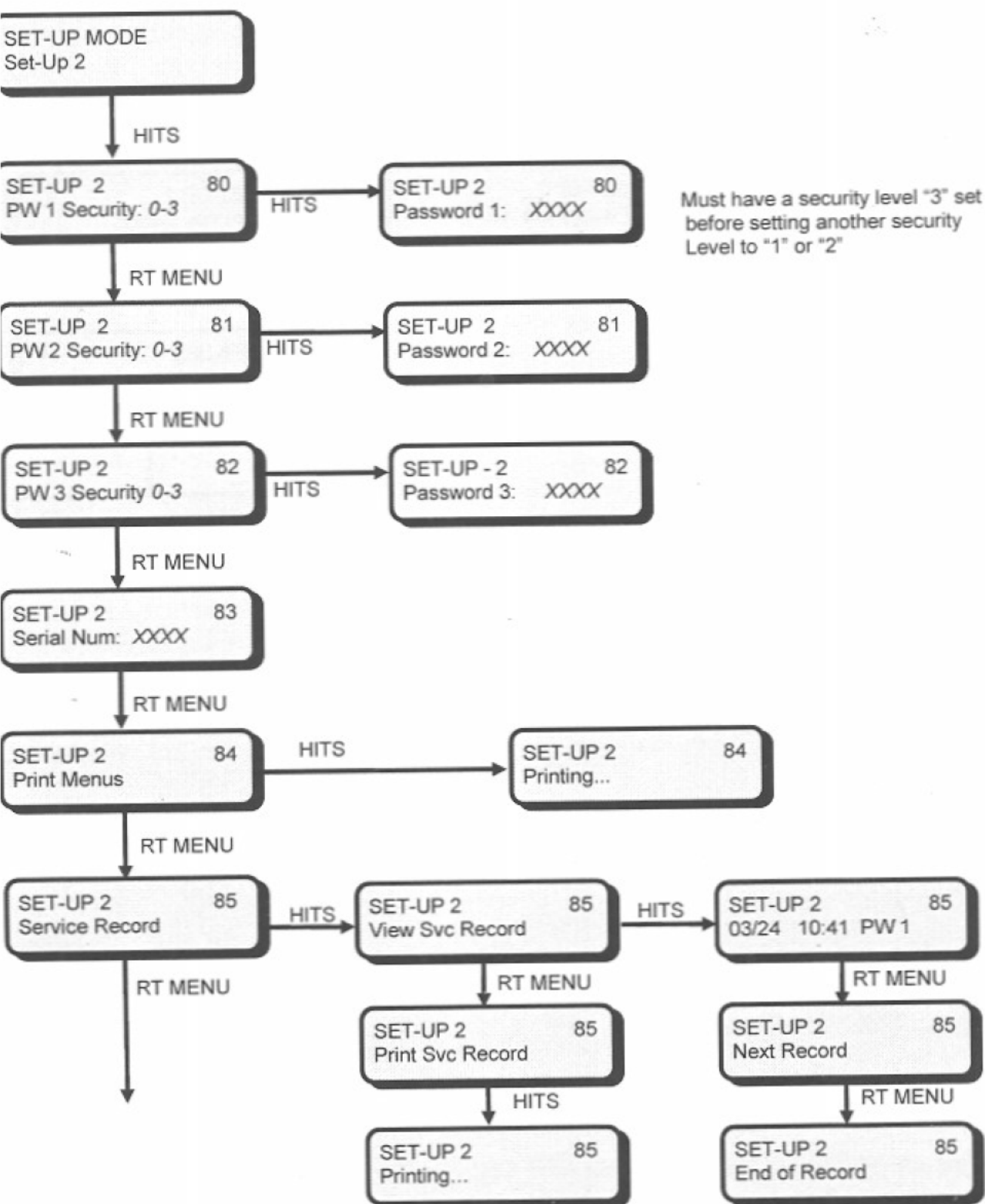
SET-UP 1

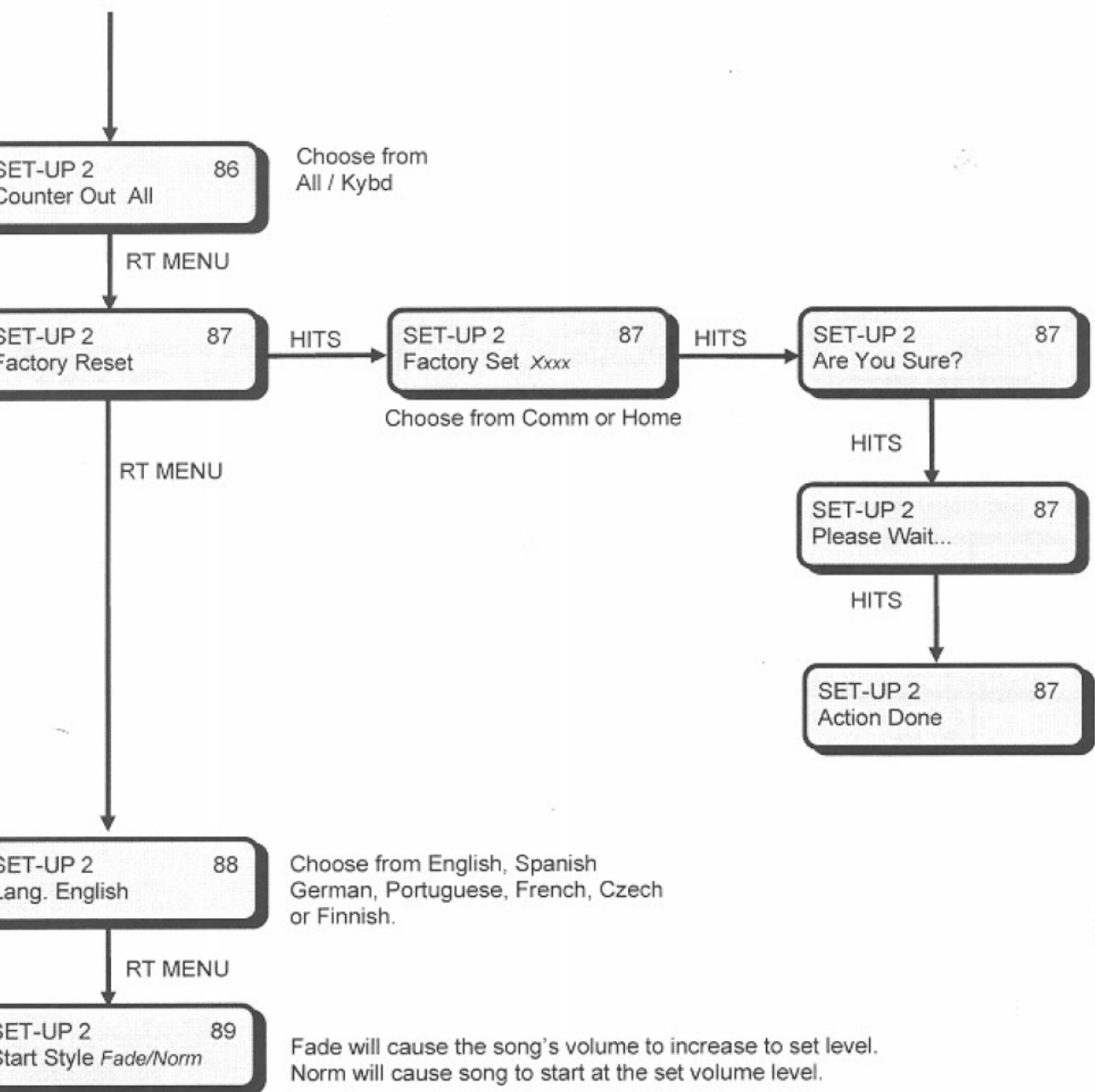






SET-UP 2





SET-UP 3

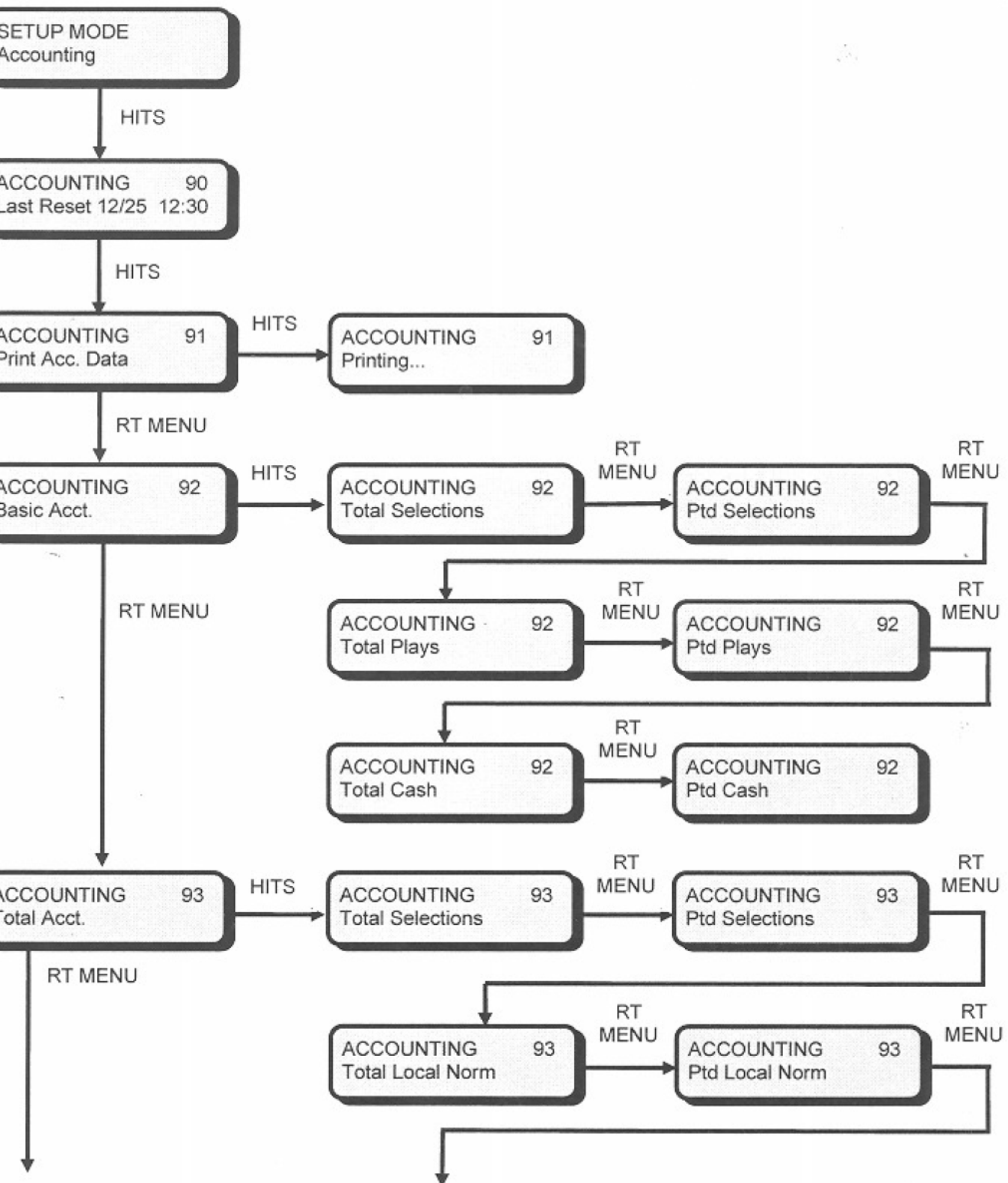
SETUP MODE
Set-Up 3

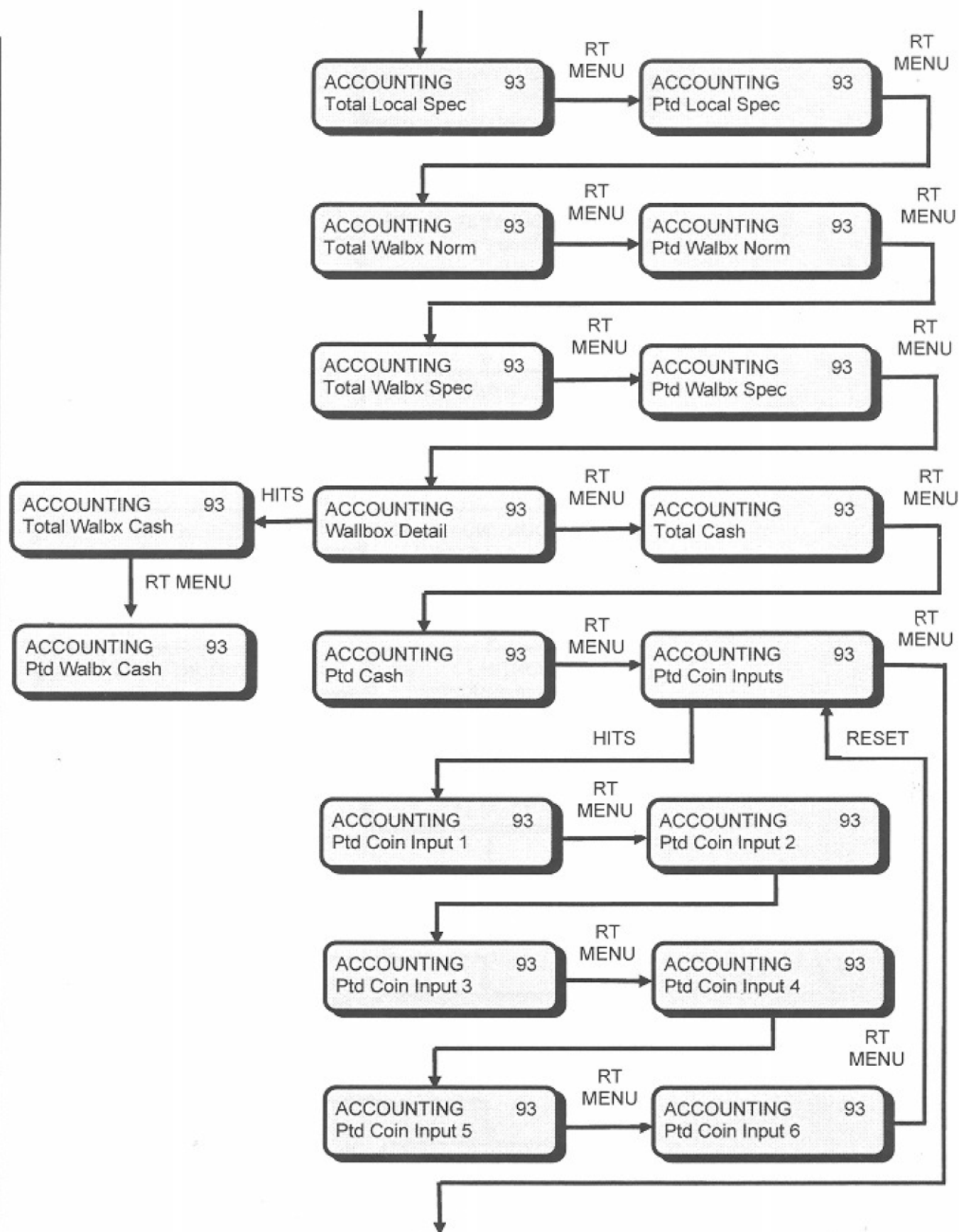
HITS

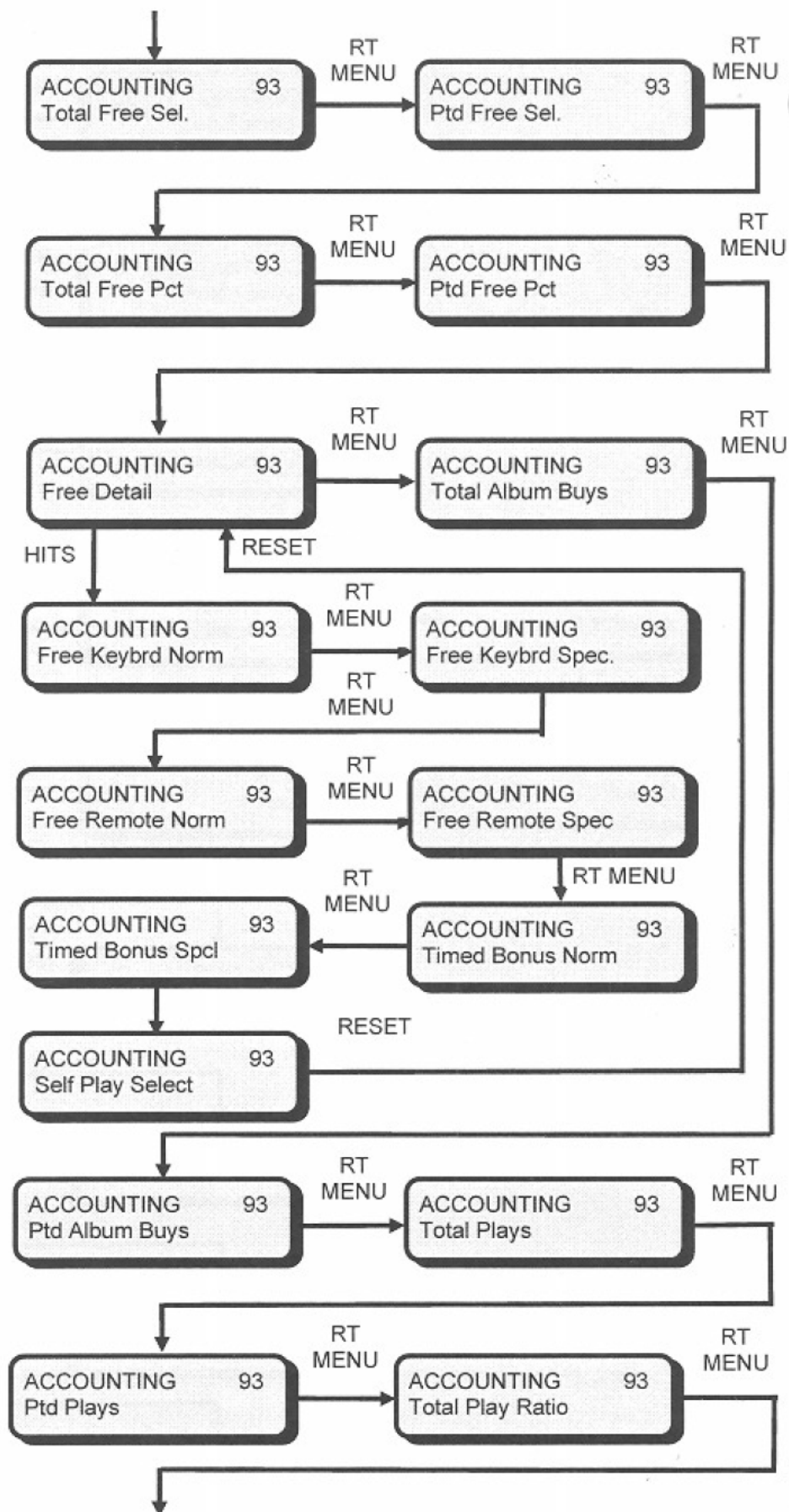
SET-UP 3 200
Open Menu Id 000-999

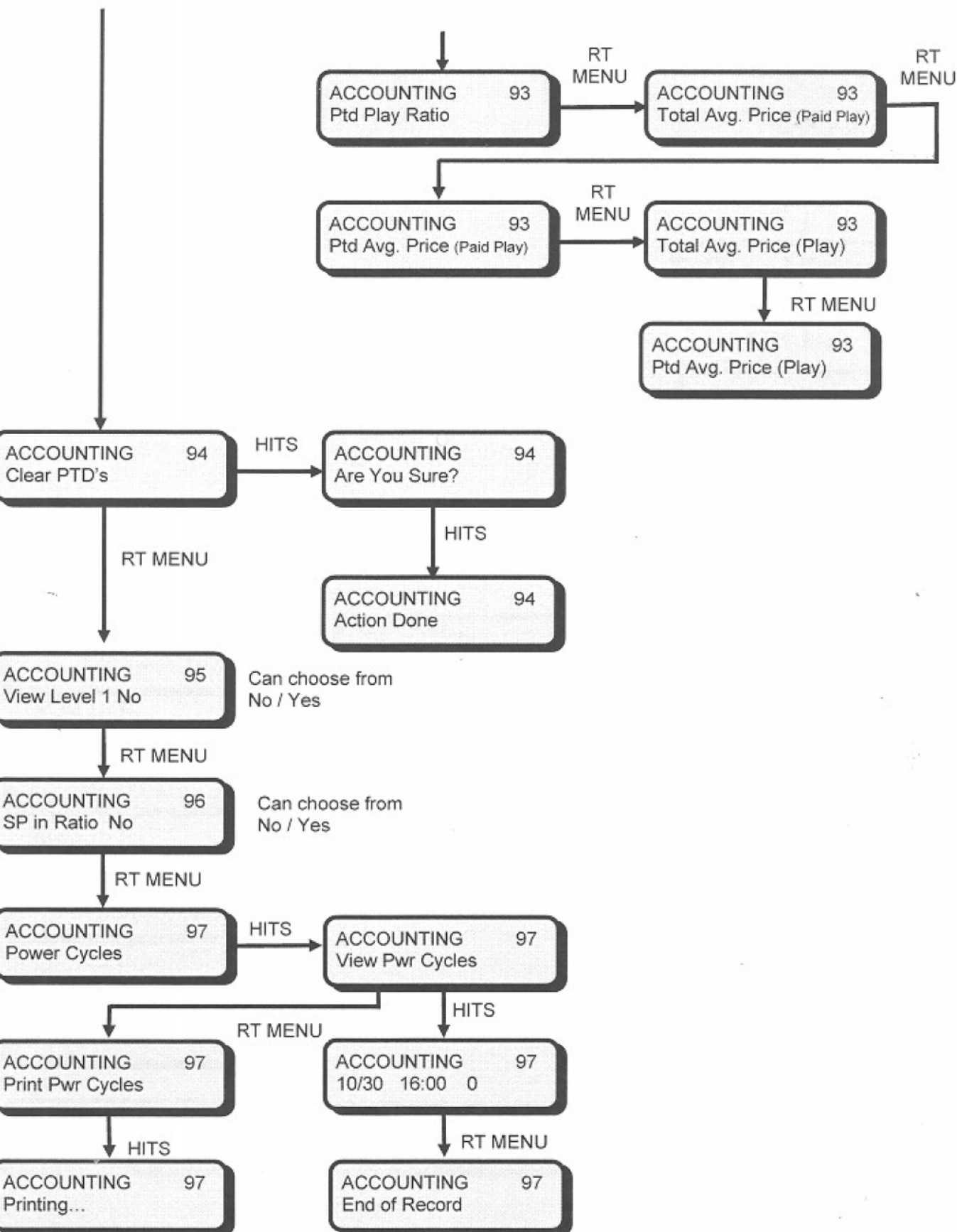
Range is 000-999. If an invalid "hotkey" is entered, menu entry will default to normal entry point: "Disc Mapping"

ACCOUNTING

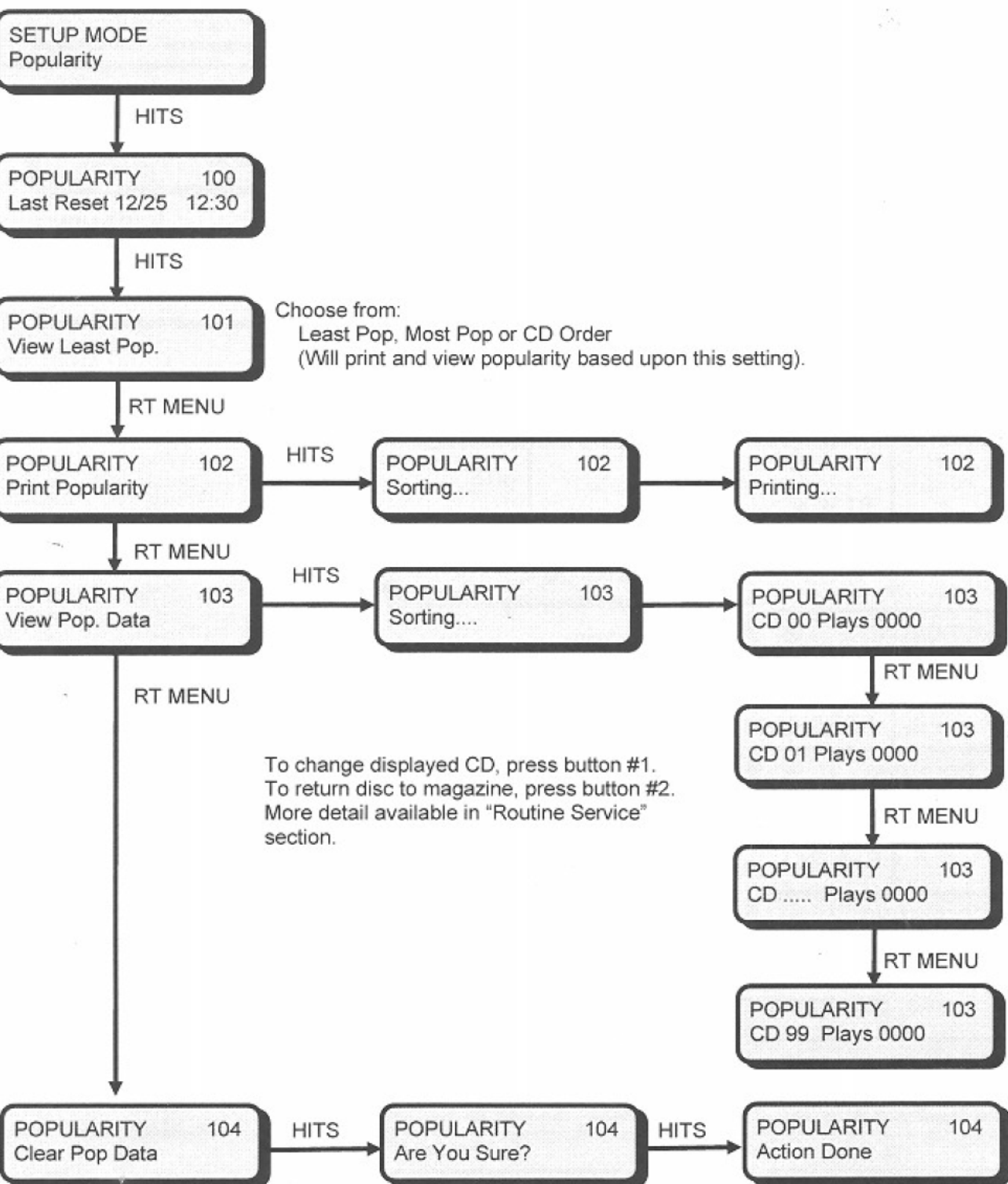




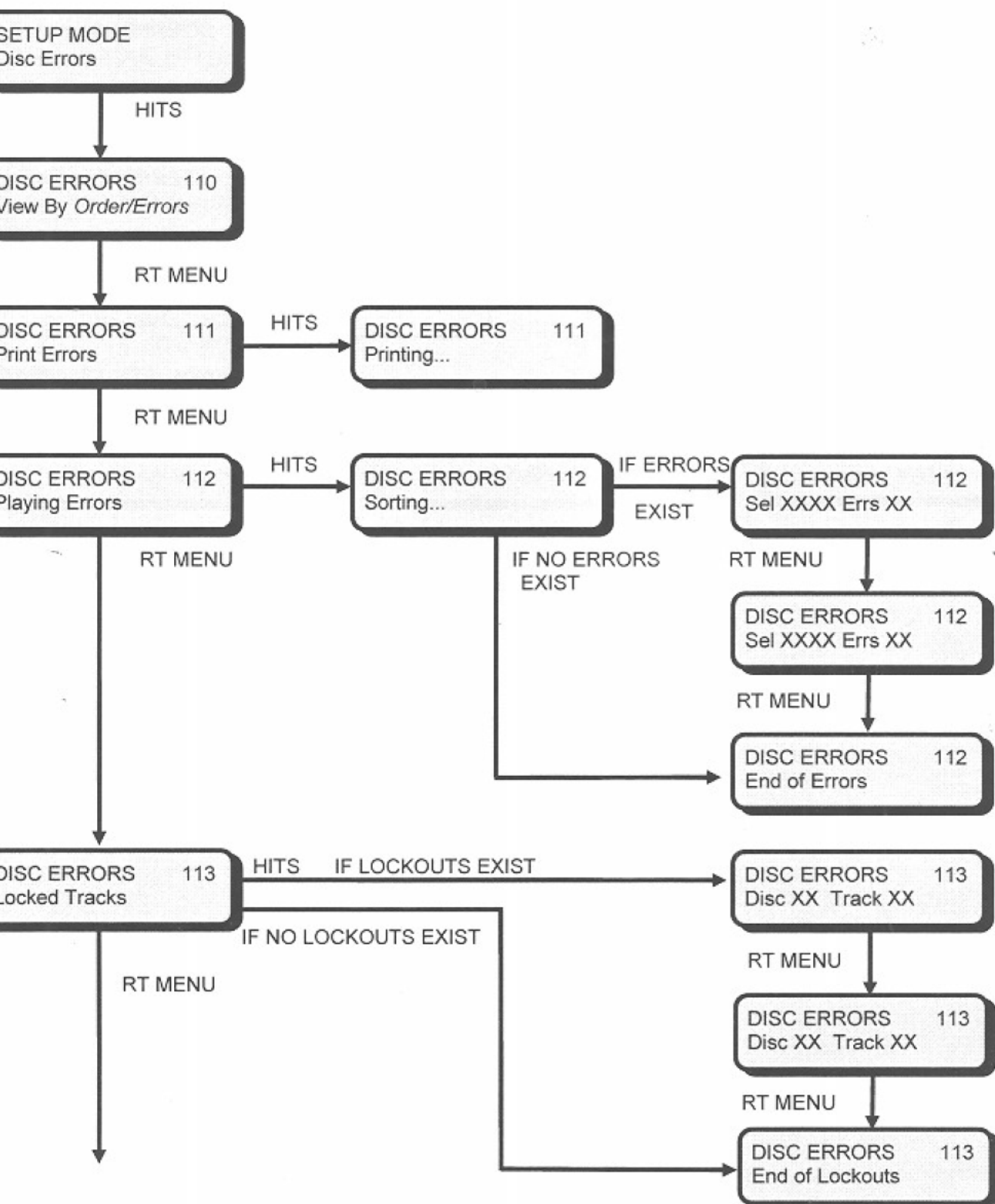


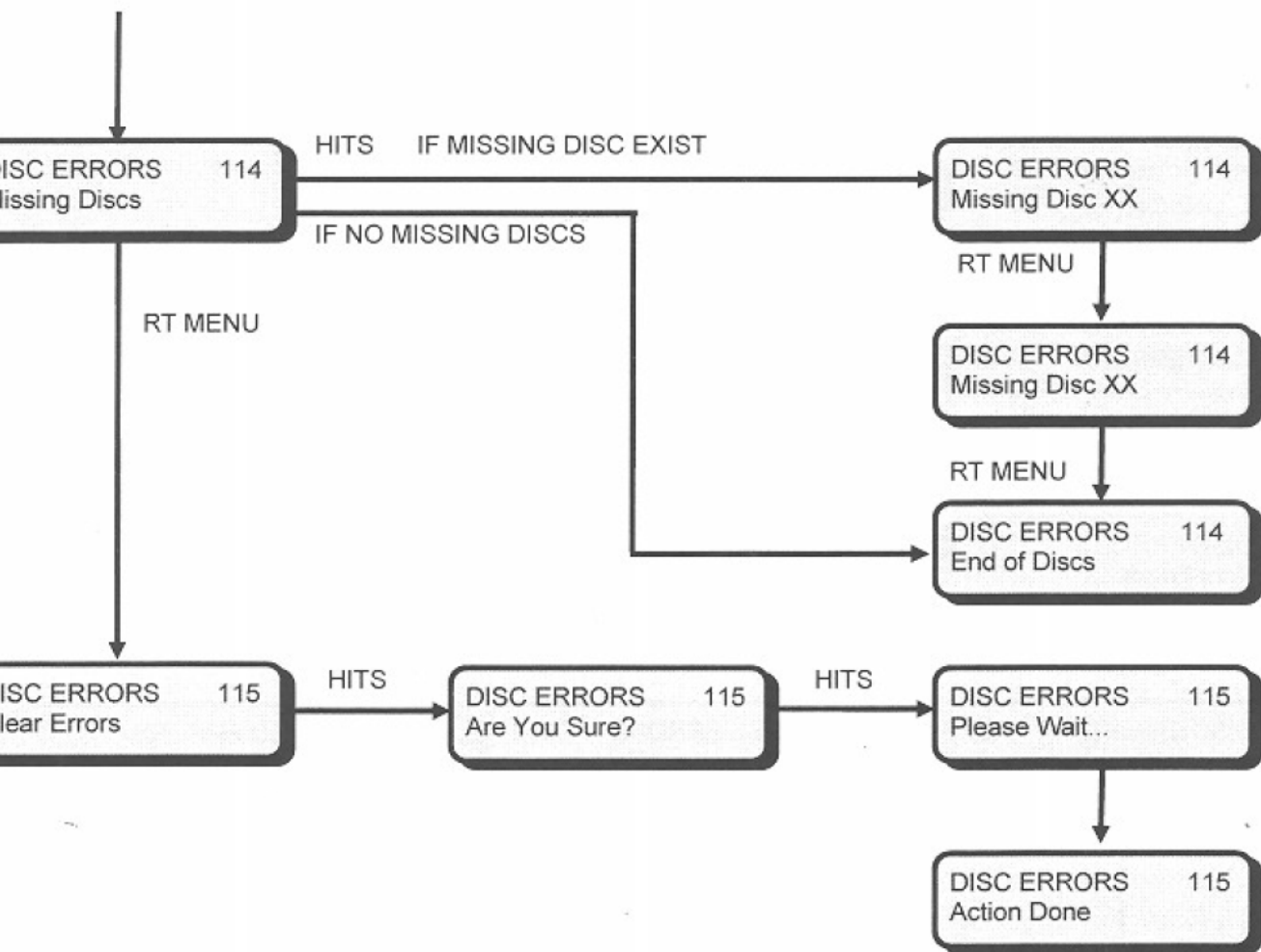


POPULARITY

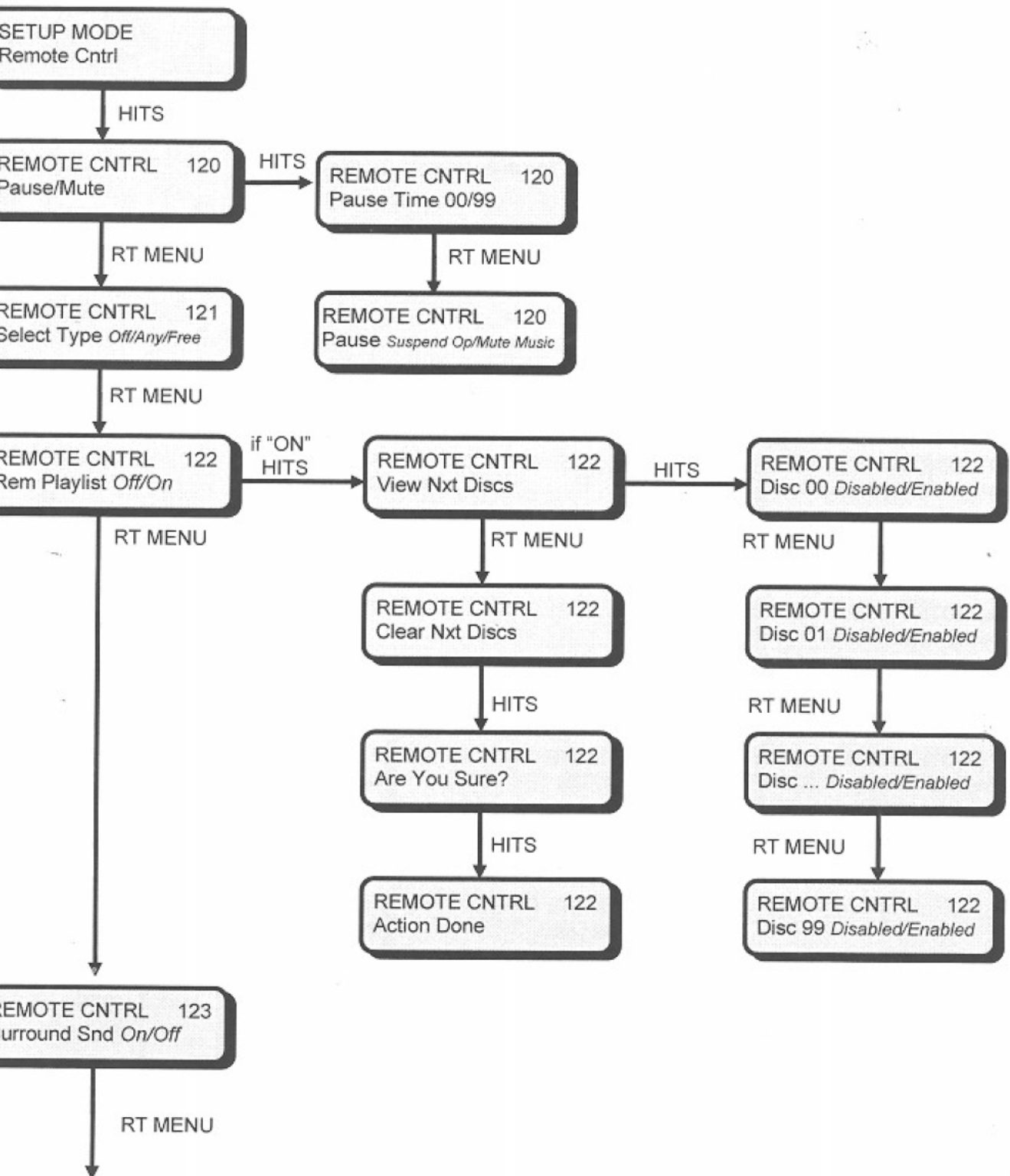


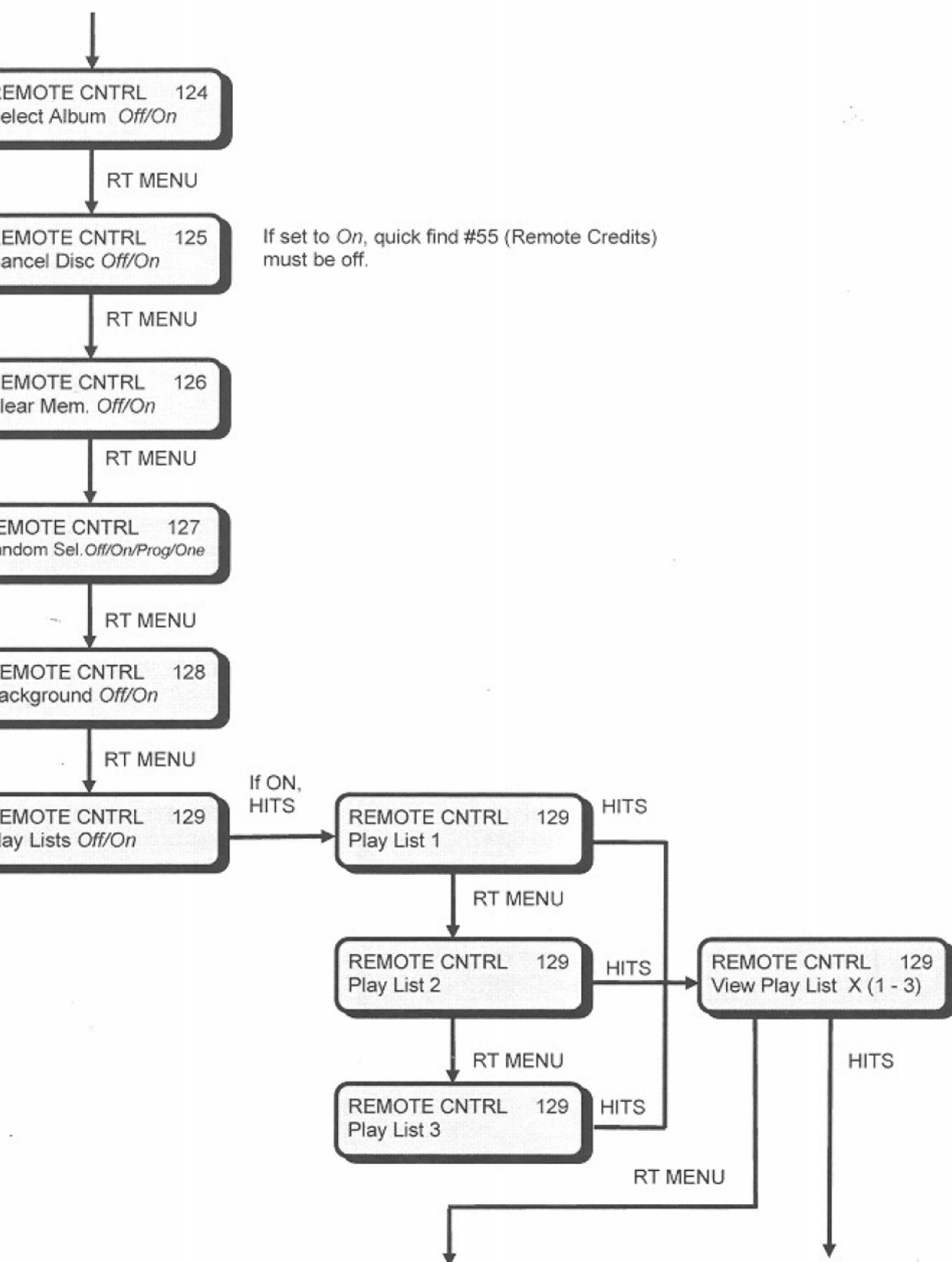
DISC ERRORS



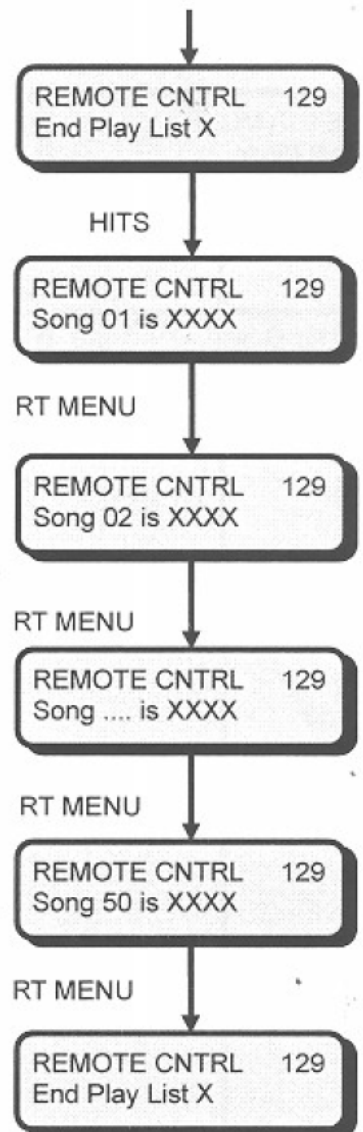
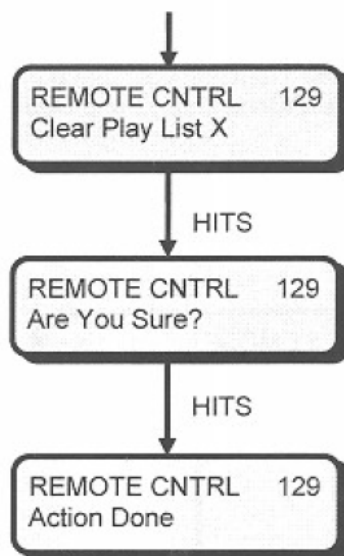


REMOTE CONTROL





If set to *On*, quick find #55 (Remote Credits) must be off.

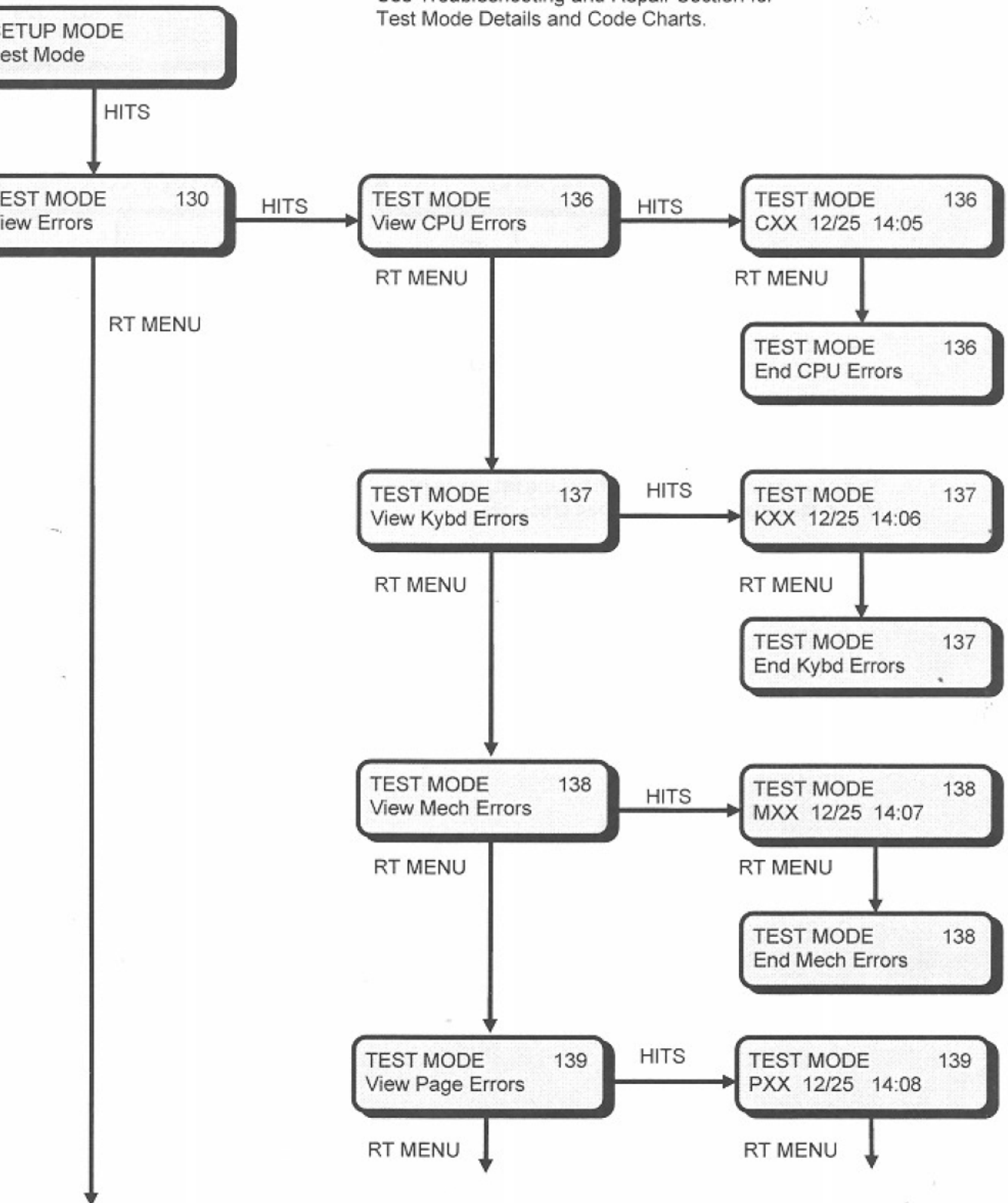


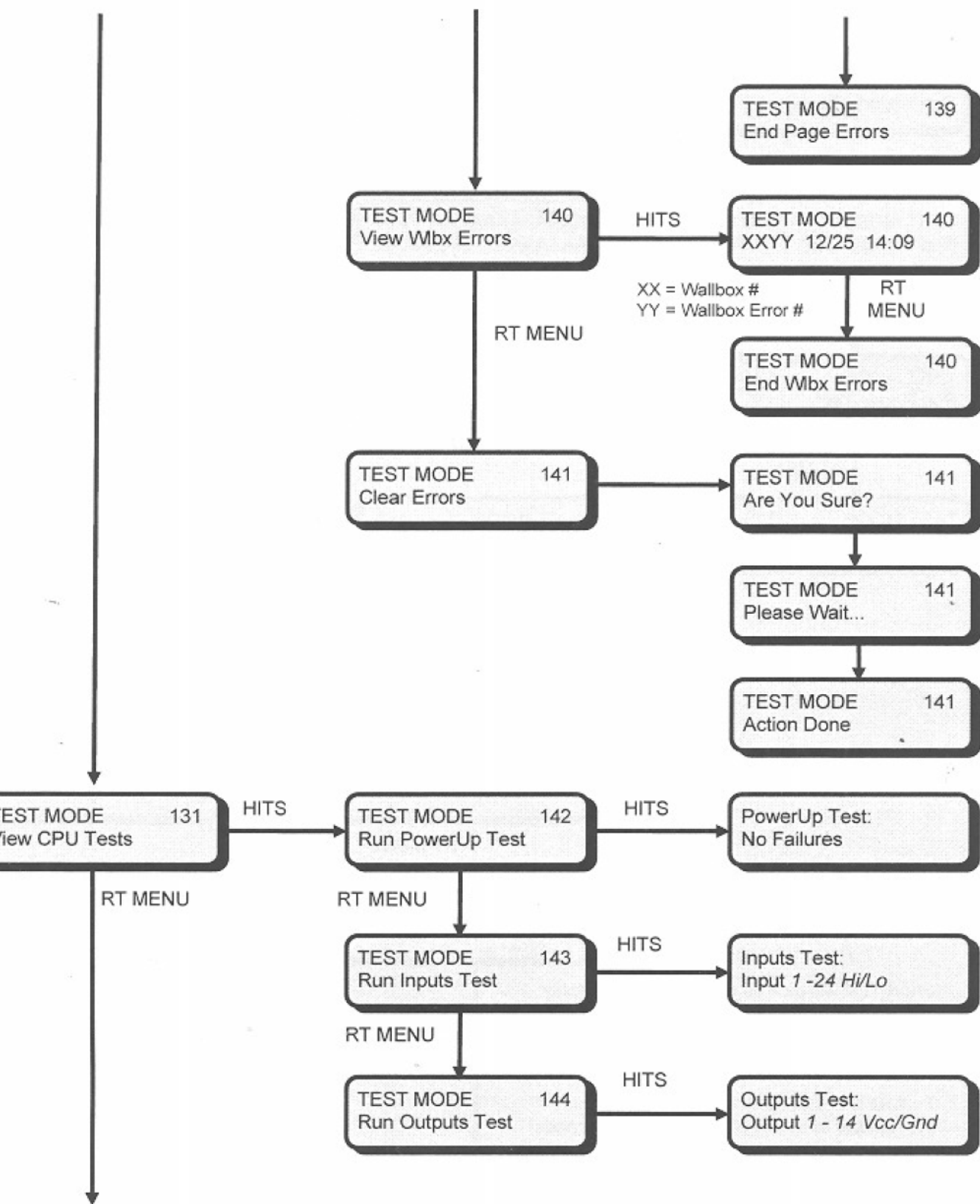
*NOTE: To change a song entry: scroll to the entry, press hits, type in the selection number, then press hits.
To add an entry: scroll to the end of the list, press hits type in the selection number, then press hits.

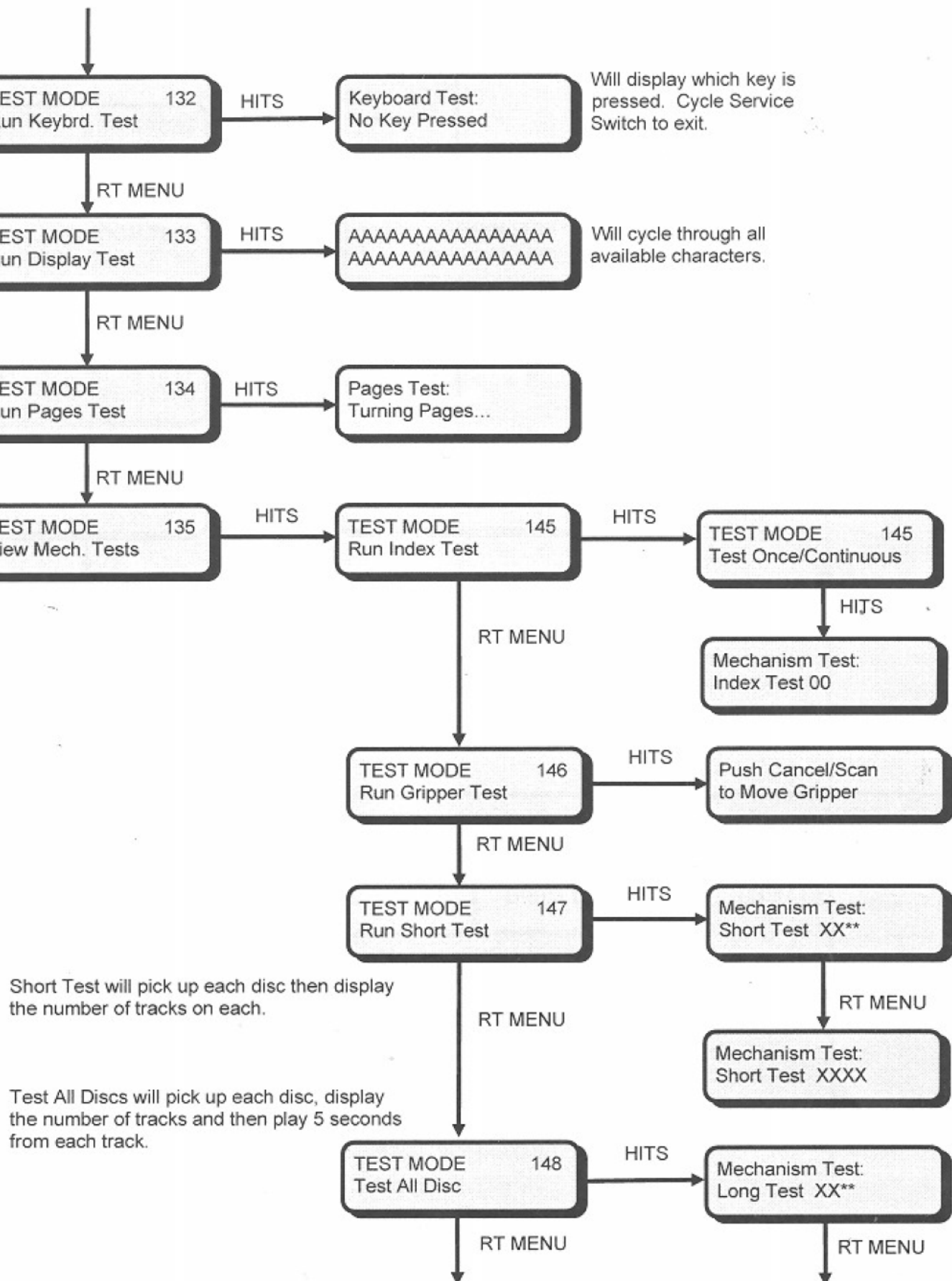
Up to 50 songs can be added to each play list.

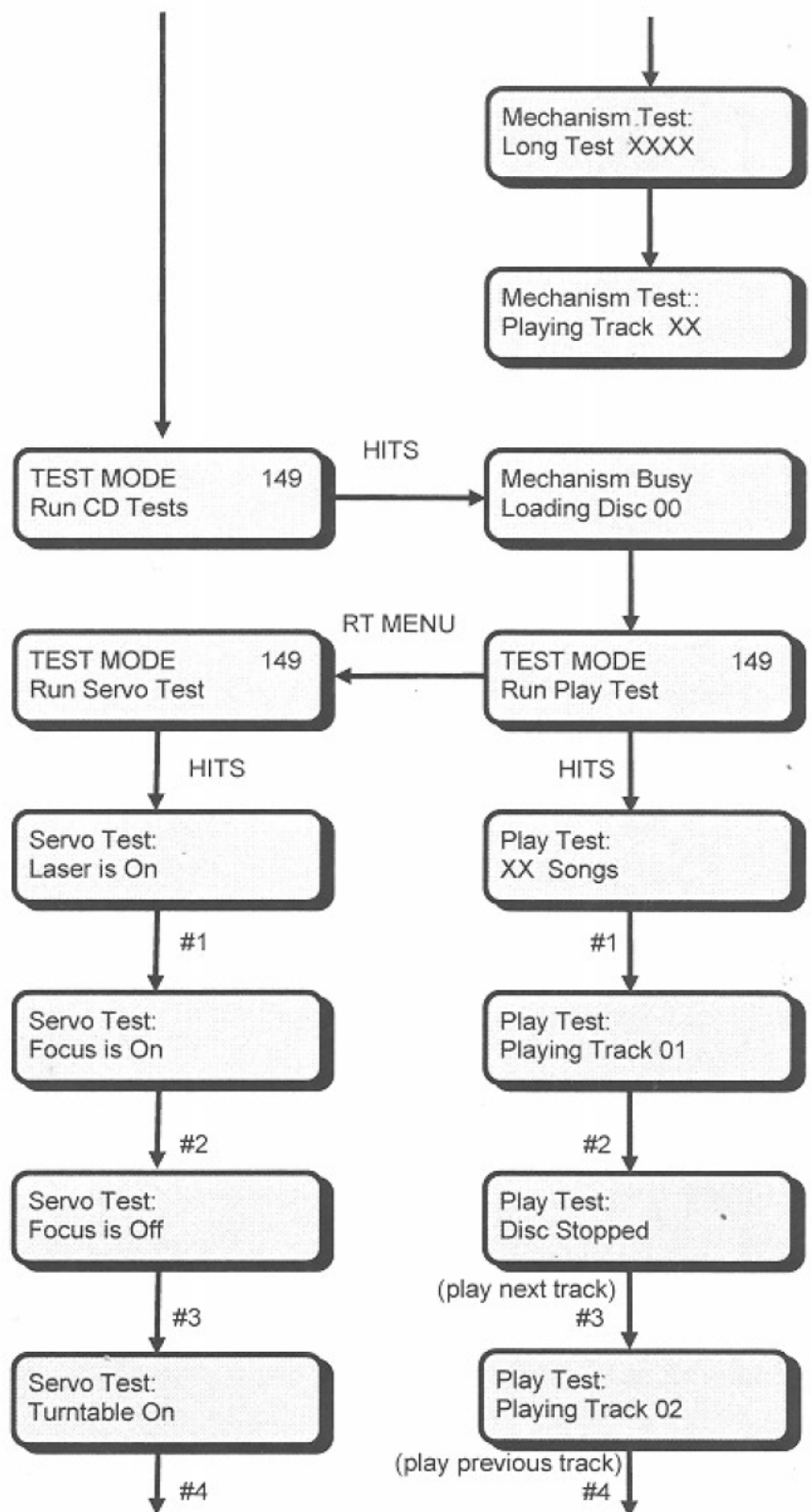
TEST MODE

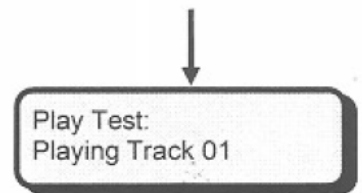
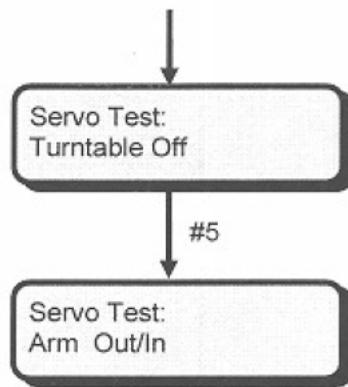
See Troubleshooting and Repair Section for
Test Mode Details and Code Charts.



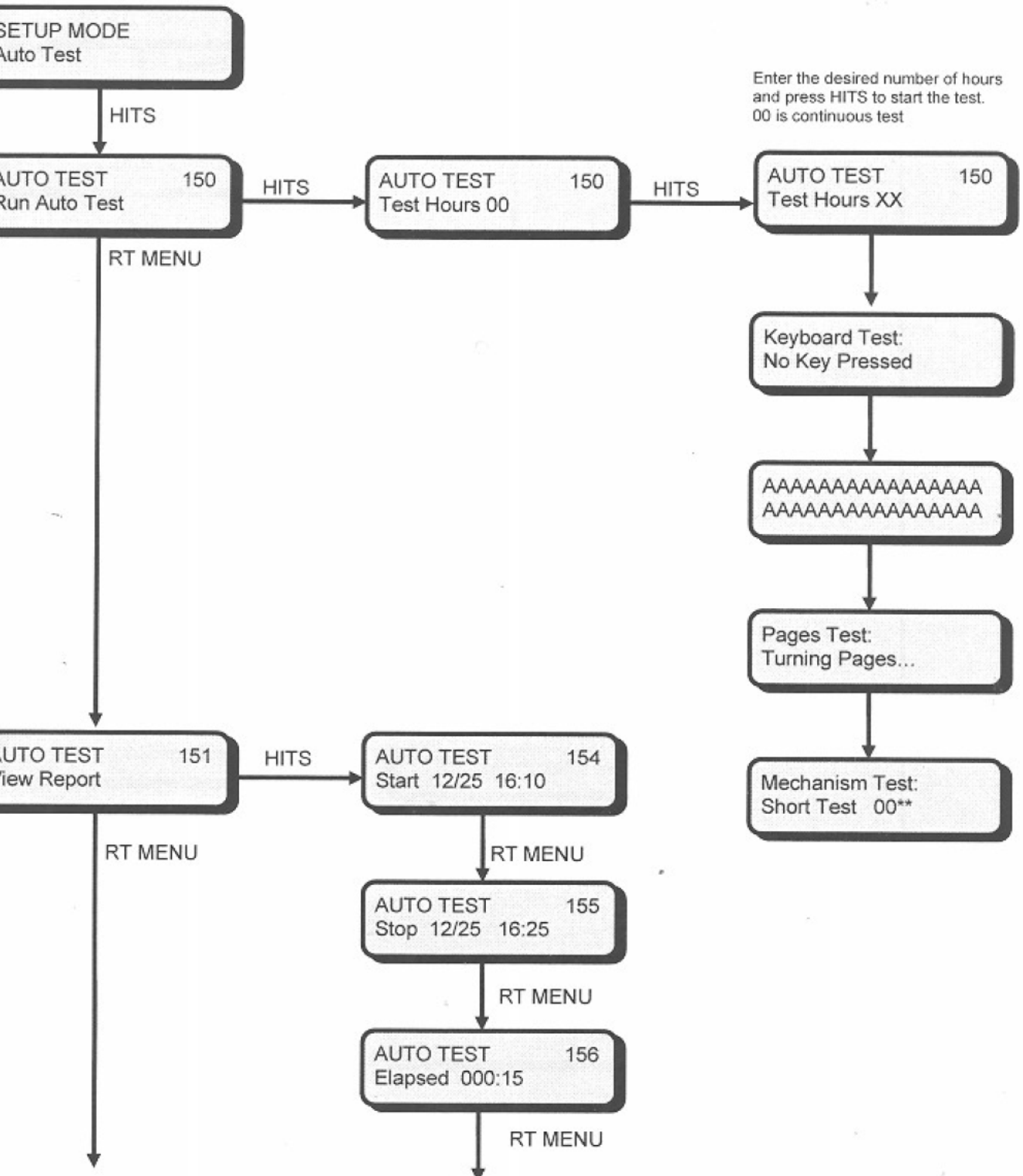


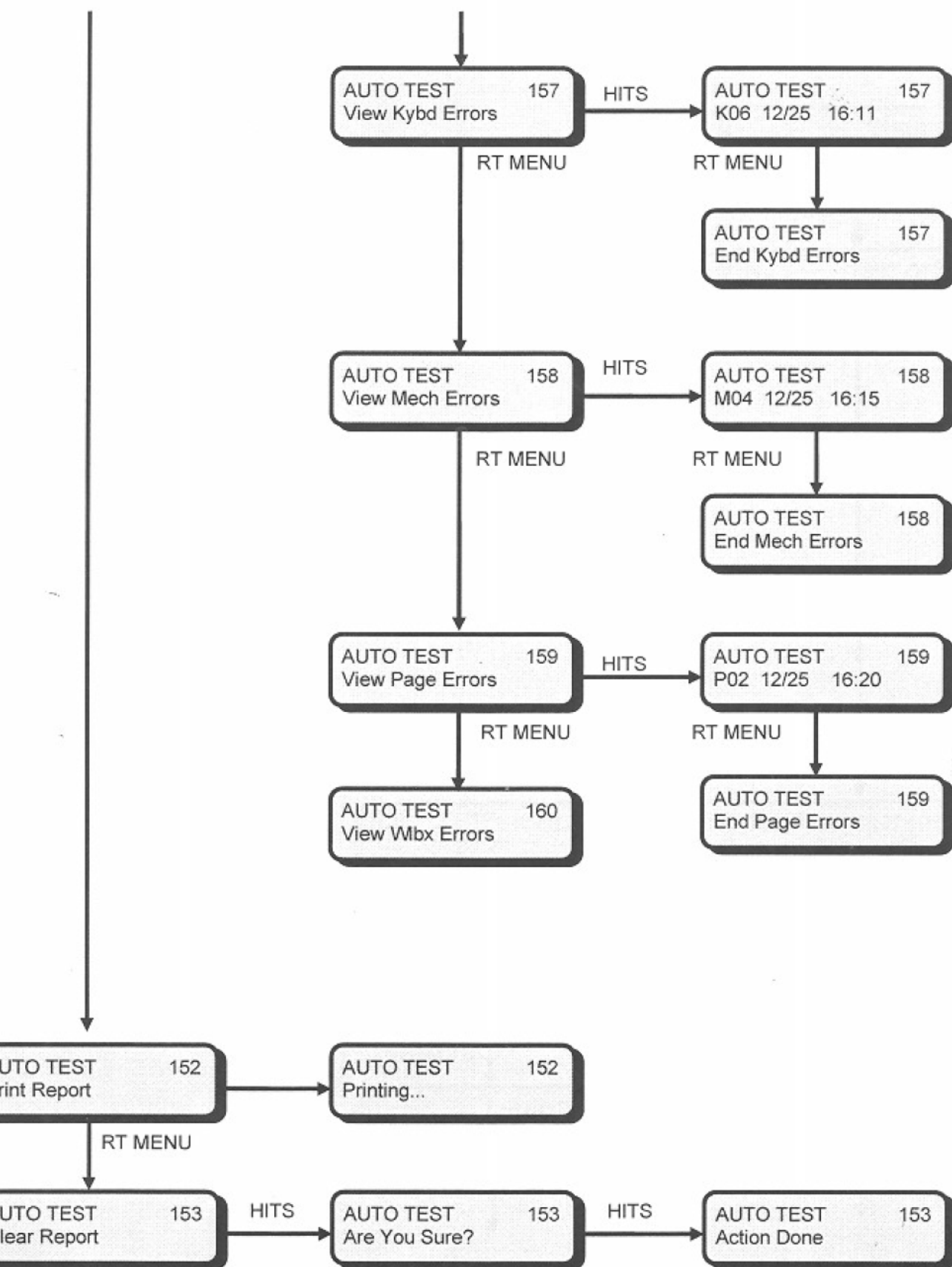




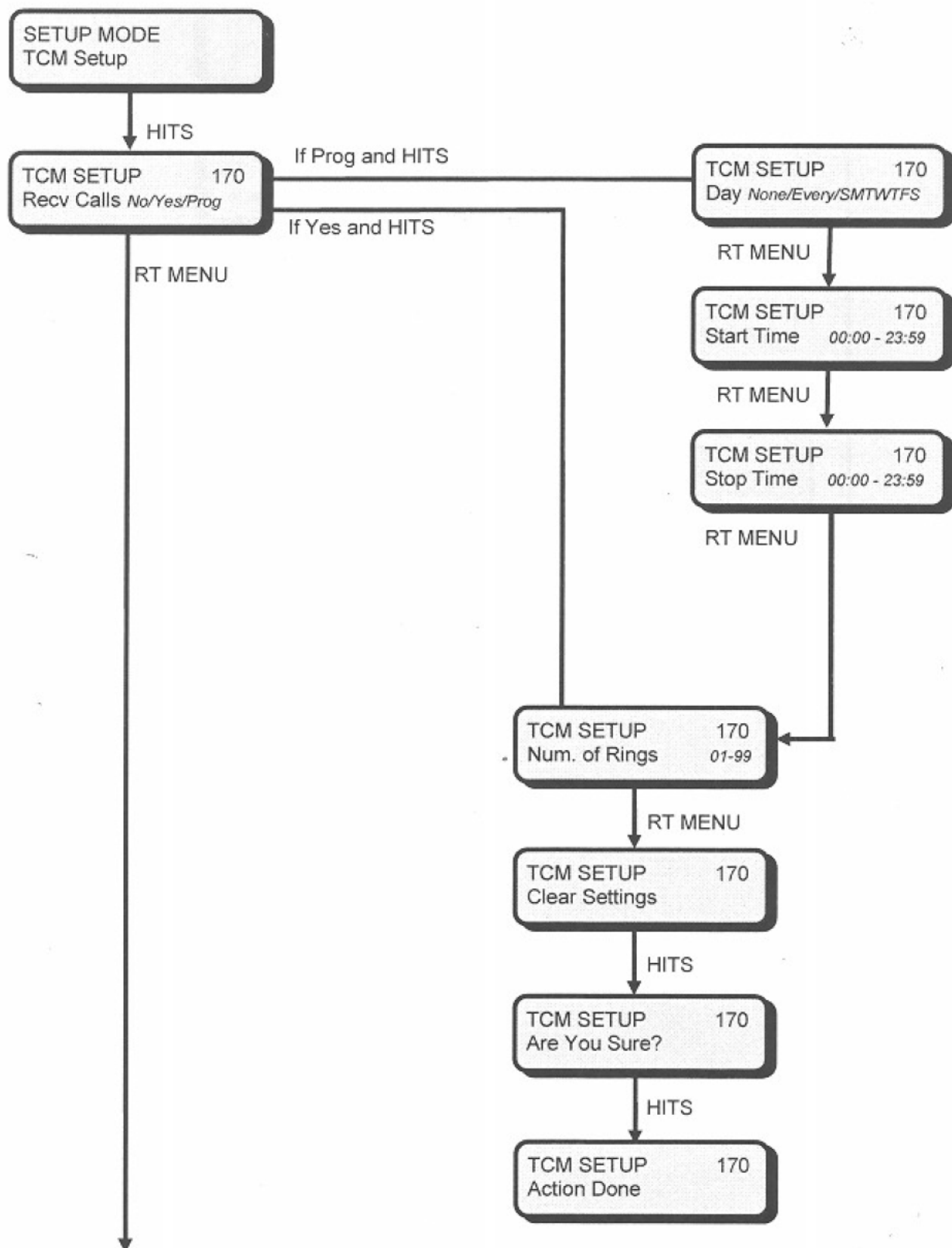


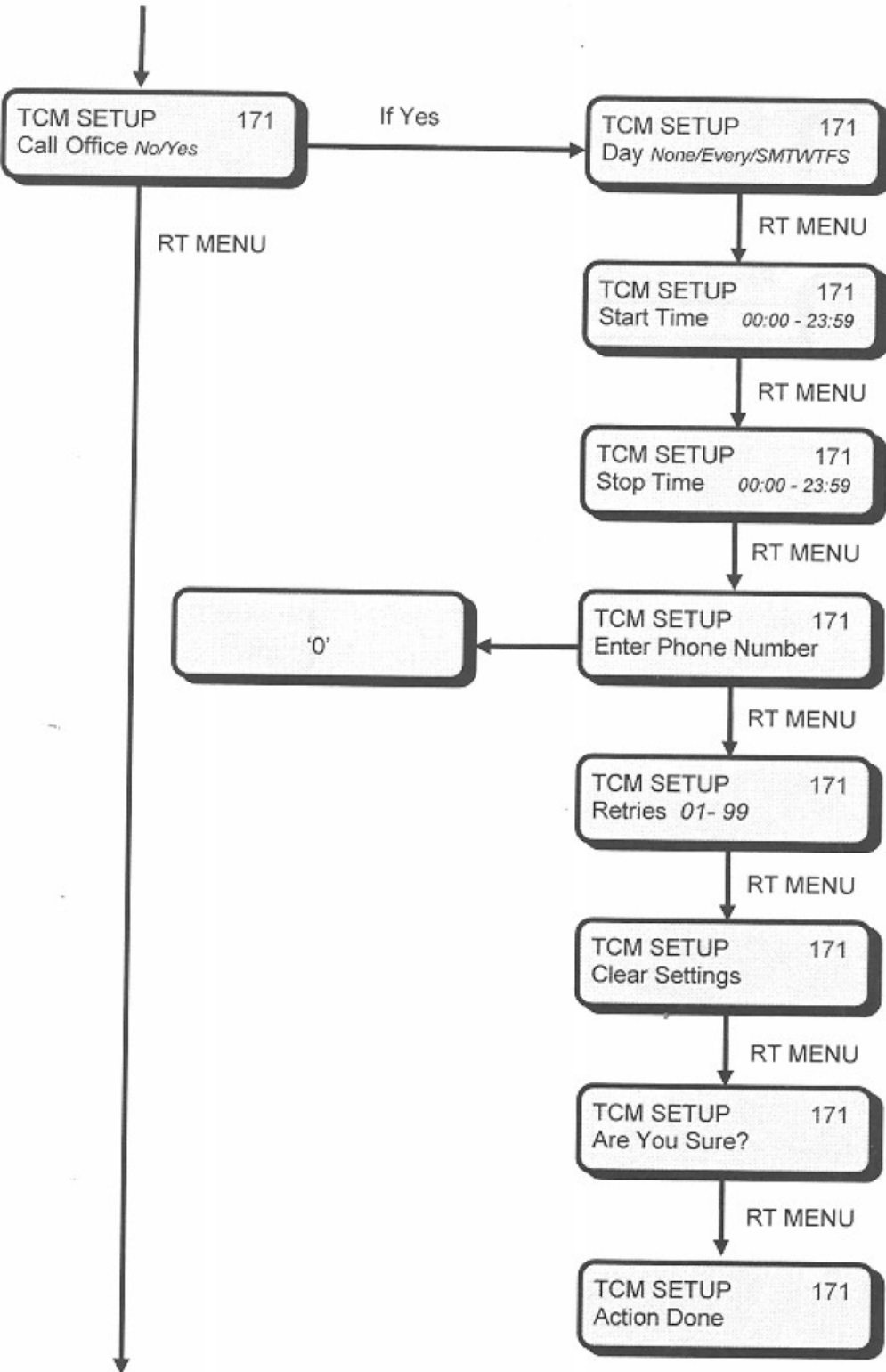
AUTO TEST

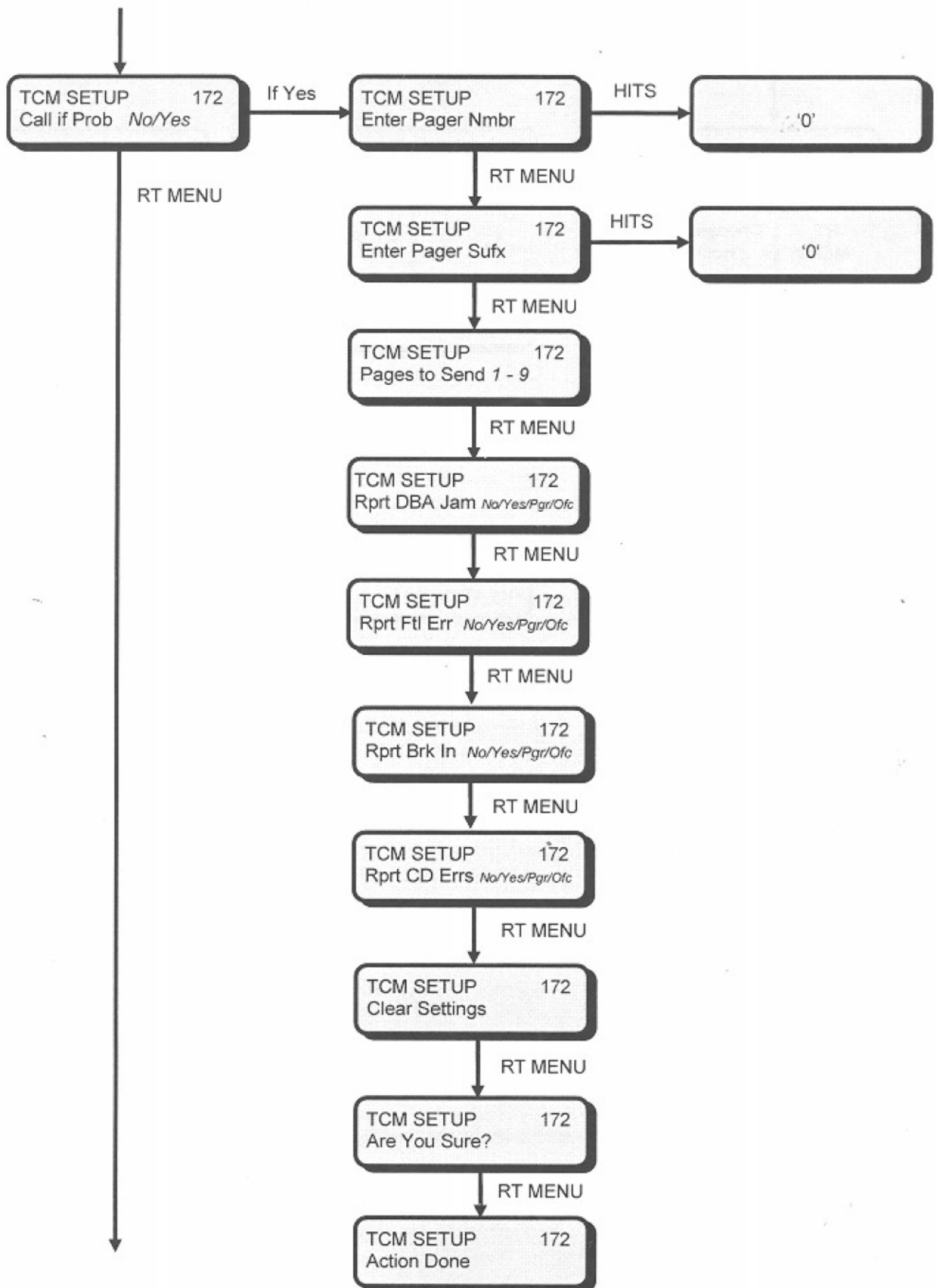




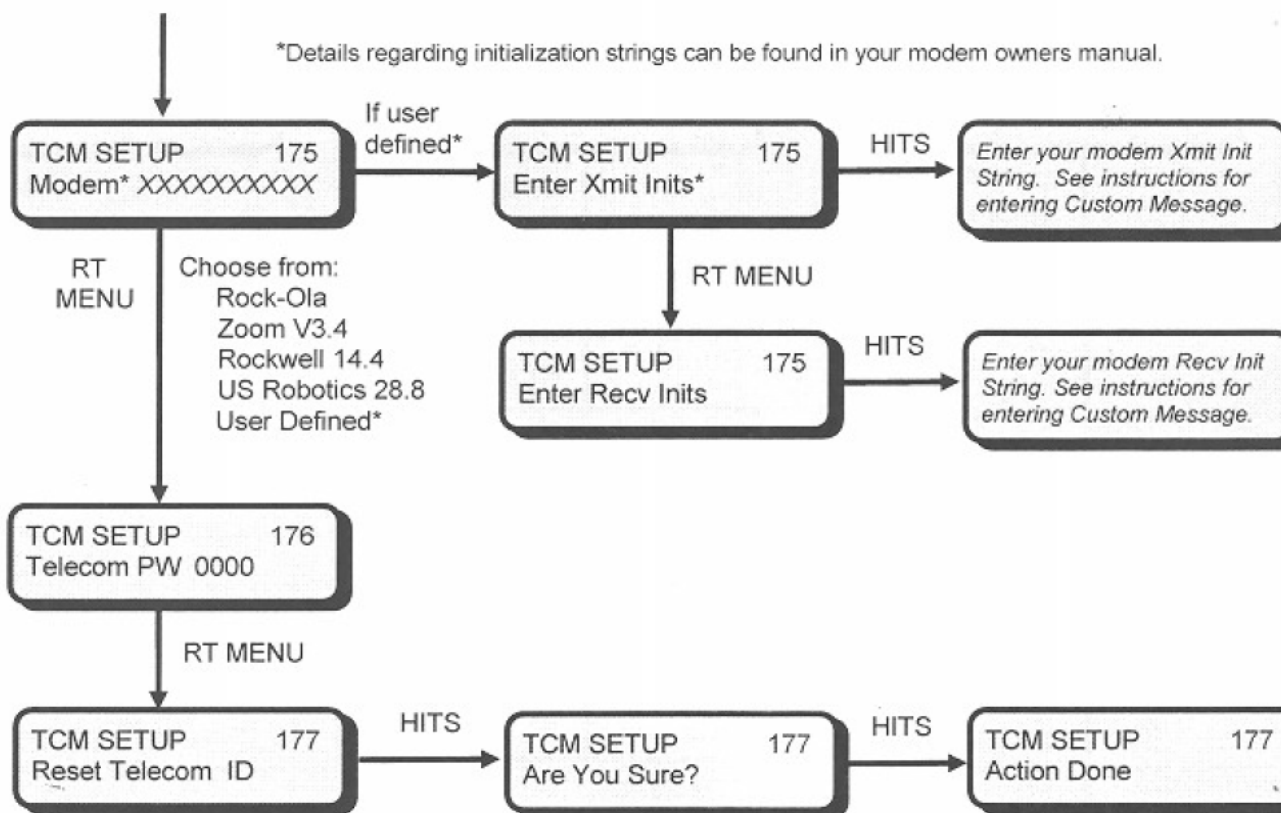
TCM SETUP







*Details regarding initialization strings can be found in your modem owners manual.



See Section D of this manual for detailed amplifier operation and programming information.



