Blaupunkt SIRIUS America SR-04 Operating Instructions

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June 18, 2004

The 2nd R&D Team of Chunglam Digital

Information to user : Part 15, Paragraph 15.21 and 15.105(b)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

FCC Notice

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

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CONTENTS

1. REVISION HISTORY ..... – 4 –
2. Front Panel and Remote Control Unit ..... – 5 –
2.1. Front Panel ..... – 5 –
2.2. Remote Control Unit ..... – 6 –
3. Getting Started ..... – 8 –
3.1. Common Operation ..... – 8 –
3.1.1. Power On ..... - 8 -
3.1.2. Power OFF ..... - 9 -
3.1.3. Tuning status Display Information ..... - 9 -
3.1.4. Tuning Status Message ..... - 10 -
3.1.5. Update (GSV, PSV) Message ..... - 10 -
3.1.6. Change Band ..... - 11 -
3.1.7. Direct Number Input ..... - 11 -
3.1.8. Favorite Channel ..... - 13 -
3.1.8.1. Preset ..... - 13 -
3.1.8.2. Recall ..... - 13 -
3.1.8.3. Favorite List ..... - 13 -
3.1.9. PDT(Program Descriptive Text or Program Display Text) Information ..... - 14 -
3.1.9.1. Preset ..... - 14 -
3.1.9.2. Recall ..... - 15 -
3.1.9.3. Horizontal Scroll Function ..... - 16 -
3.1.10. List ..... - 17 -
3.1.10.1. Channel List ..... - 17 -
3.1.10.2. Category List ..... - 17 -
3.1.10.3. PDT List (Artist or Song Title) ..... - 18 -
3.2. Main Setup Menu ..... – 18 –
3.2.1. Main Menu ..... - 18 -
3.2.2. Channel Mode ..... - 19 -
3.2.3. Category Mode ..... - 19 -
3.2.4. Setup Password ..... - 20 -
3.2.5. FM Transmitter ..... - 21 -
3.2.6. Time Features ..... - 21 -
3.2.6.1. Clock ..... - 21 -
3.2.6.1.1. Format ..... - 21 -

3.2.6.1.2. Time Zone ..... - 22 -
3.2.6.1.3. DST Observance ..... - 22 -
3.2.6.2. Auto Shutdown ..... - 23 -
3.2.6.3. Sleep Mode ..... - 23 -
3.2.7. System ..... - 24 -
3.2.7.1. Audio Level ..... - 24 -
3.2.7.2. Display Option ..... - 24 -
3.2.7.2.1. Dimming Control ..... - 25 -
3.2.7.2.2. Contrast ..... - 25 -
3.2.8. Clear All Memory ..... - 26 -
3.2.9. Factory Default ..... - 26 -
3.3. Option Function ..... - 27 -
3.3.1 Lock ..... - 27 -
3.3.2. Skip ..... - 27 -
3.3.3. CH/CAT Toggle ..... - 28 -

1. REVISION HISTORY

Version	Date	Name	Reason
V1.0.0	2004-01-28	Lee Yun Mi	Initial Doc.
V1.0.0	2004-01-28	Kim Dae Kyoung	Add screen shot.
V.1.0.1	2004-03-05	Lee Yun Mi	Function Added and Corrected (Contrast, Factory Setting etc.)
V.1.0.1	2004-03-05	Kim Dae Kyoung	Add or Modify screen shot.
V1.0.2	2004-04-14	Lee Yun Mi	Change Default Value
V1.0.3	2004-06-15	Lee Yun Mi	Design Changed and Function Added
V1.0.3	2004-06-18	Kim Dae Kyoung	Apply Changed Screen shot(Color and concept)

2. Front Panel and Remote Control Unit

2.1. Front Panel

- Front Key Function

POWER	Short	- (When Power Off) Power On
		- (At Menu or List) Select
		- (At Tuning Mode) Display Channel List
	Long	- Power Off
Preset/Direct	Short	- Change Mode (B1->B2->B3->Direct->B1->…) Preset Mode (B1, B2, B3), Direct Mode(input the Direct Number)
		- Input 000 in Direct Mode to display Sirius ID
		- Change Favorite List in Favorite List (Favorite 1-> Favorite2-> Favorite3-> Favorite1->..)
	Long	- Displays Favorite List
FUNC	Short	- Exit from the Menu Display
	Short + ”1”	- “Lock” Mode
	Short + ”2”	- “Skip” Mode
	Short + ”3”	- Toggling the Channel mode and Category mode
	Long	- Display MENU
NUMBERS (0~9)	Short	- Recall the PRESET Channel (After selecting Band)
	Long	- To Preset Channel (After selecting Band)

CAT.(UP/DN)	Short	- Change the Category(display Category List)
CH.(UP/DN)	Short	- Move the Cursor in Menu or List
		- Change the Channel at Tuning
		- Change saved Information in PDT List
DISP	Short	- (At Tune Mode) changes display types. Select PDT information displayed to scroll in 2 lines (Artist&Song) or to display artist and song in each line to bee seen in horizontal scroll. - Change List channel list->artist list->song list->channel list-> .. category list-> artist list->song list->category list->.. - Switch Artist list to Song list or reverse, in PDT "Replace" storage mode
MEM	Short	- Store PDT Information
	Long	- Recall PDT Information

2.2. Remote Control Unit

- Remote Control Key Function

Key	Press Term	FUNCTION
POWER	Short	- Power On/Off Toggle
FUNC	Long	- Display MENU
	Short	- Exit from the Menu Display
	Short + ”1”	- “Lock” Mode
	Short + ”2”	- “Skip” Mode
	Short + ”3”	- Toggling the Channel mode and Category mode
NUMBERS (0~9)	Short	- Recall the PRESET Channel (After selecting Band)
	Long	- To Preset Channel (After selecting Band)
DIRECT	Short	- Set the Direct Channel Number
		- Set ‘000’ : Display Sirius ID
CAT.(UP/DN)	Short	- Change the Category(display Category List)
CH.(UP/DN)	Short	- Move Cursor in Menu or List
		- Change the Channel at Tuning
		- Change saved Information in PDT List
OK	Short	- Select Menu or List
		- Display Channel List in (At Tuning Mode)
DISP	Short	-(At Tune Mode) changes display types. Select PDT information displayed to screoll in 2 lines (Artist&Song) or to display artist and song in each line to bee seen in horizontal scroll. - Change the display List type channel list->artist list->song list->channel list-> .. category list-> artist list->song list->category list->.. - Switch Artist list to Song list or reverse, in PDT “Replace” storage mode
BAND	Short	- Change Band(B1->B2->B3->B1->…)
		- In Favorite List change to other Favorite List (Favorite 1-> Favorite2-> Favorite3-> Favorite1->..)
	Long	- Favorite List display
MEM	Short	- Store PDT Information
	Long	- Recall PDT Information
AV	-	* AV key is not being used at PNP

3. Getting Started

3.1. Common Operation

The followings are key explanation for common operation.

- [NUMERIC] means number keys [0]~[9].
- In this manual is explained mainly operation of remote control key.
- [FUNC] key works to exit in every menu.
- [FUNC] key will be activated as a long key by pressing longer than 1 second.
- [FUNC] key and [NUMERIC] key for combination need to be pressed one to another button within 3 second.(Lock, Skip, CH/CAT)
  After 3 second [FUNC] key will be canceled.
- [OK] key works like select key in all menus.
- The display recover to default screen if any key input has been made for 10 sec. in the list.

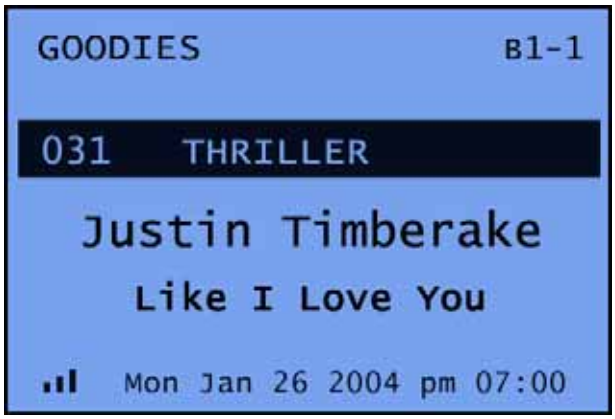
3.1.1. Power On

- Remote, Front face : [POWER] button
- When you Power On, displays SIRIUS logo and “WELCOME!” message.
- It reads Last Condition Memory.

3.1.2. Power OFF

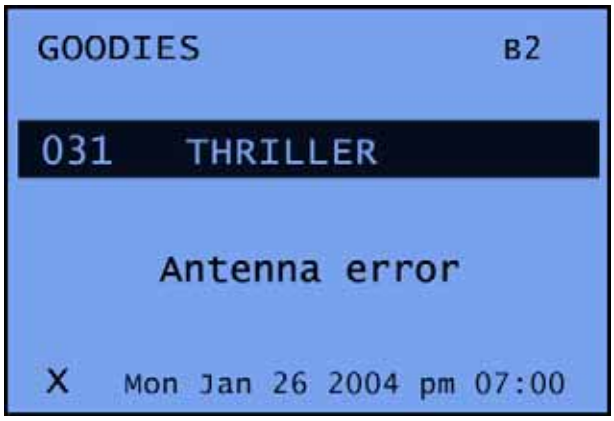
- Remote [POWER] / Front face : [POWER – **Long Key**]
- Displays “BLAUPUNKT” logo and “GoodBye!” message.

3.1.3. Tuning status Display Information



- Category Name
- “CAT” mark (in, Category Mode)
- Preset information/Direct Mode Display(toggle)
- Channel Number and Channel Name
- Scroll PDT information display(Artist Name and Title Song)
- Signal Status
- Time/Date Display

3.1.4. Tuning Status Message



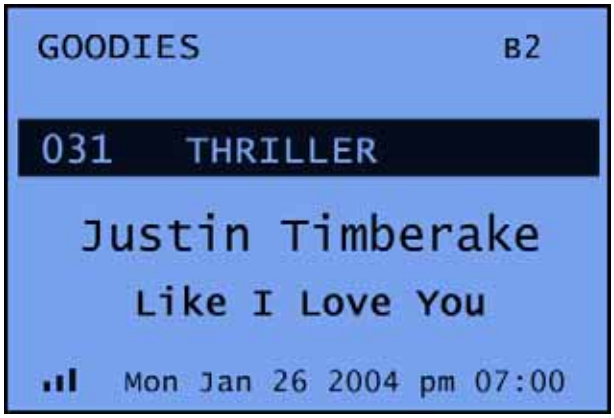
- If no antenna connected and no signal in then “Antenna Error” message will be popped up. If antenna connected but no signal in then “Acquiring” message will be displayed.
- If the set is getting tried to have signal then “Acquiring Signal” message will be displayed.
- If try a channel not subscribed with Direct Number Input then screen shows “Call 1-888-539-Sirius to subscribe” message.
- If try invalid channel with Direct Number Input then screen shows “Invalid Channel” message.

3.1.5. Update (GSV, PSV) Message

- When Channel Map (GSV : GCI Status Vector) changed, “Updating Channels” message will be poped up. When update 100% completed, automatically tune all valid channels.
- If updates can be done instantly then no message will be popped up but doing valid channel tune.

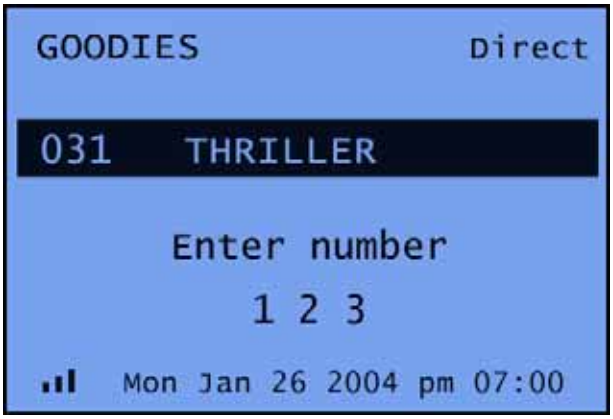
- If subscription map (PSV : Program Subscription Vector) changed, then “Subscription Updated” message will be popped up for 3 seconds.

3.1.6. Change Band



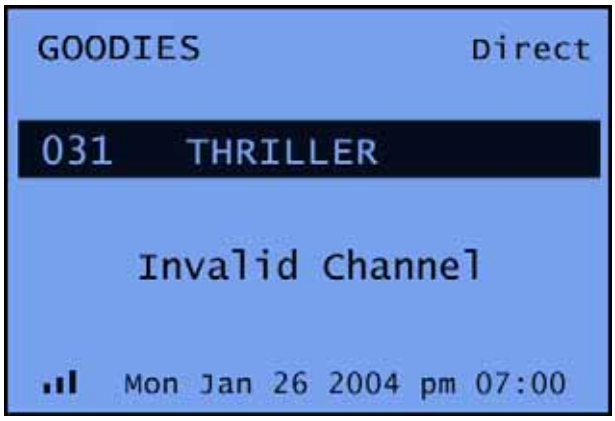
- 3 band of Preset are available.
- [BAND] key is to change band. ex) B1->B2->B3->B1->…

3.1.7. Direct Number Input

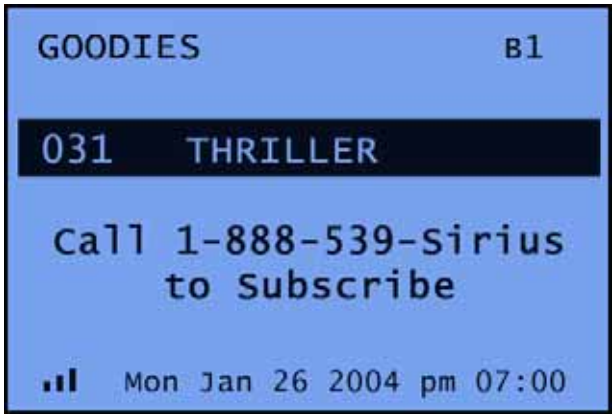


- [DIRECT] key is to change to Direct Number Input Mode. In this mode you can input channel

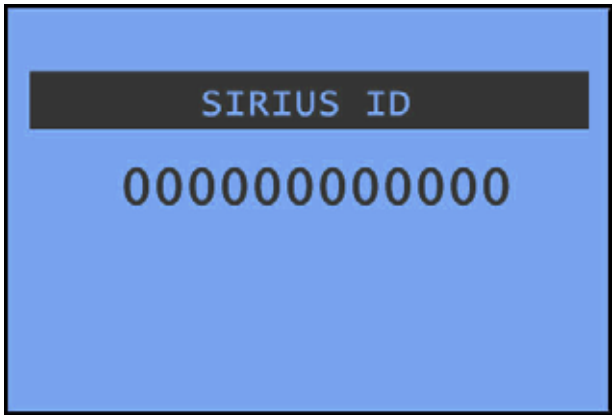
you want.



- In case of choosing Invalid channel displays as in the picture above “Invalid Channel” message for a second then disappear this message and go back to last tuning channel.



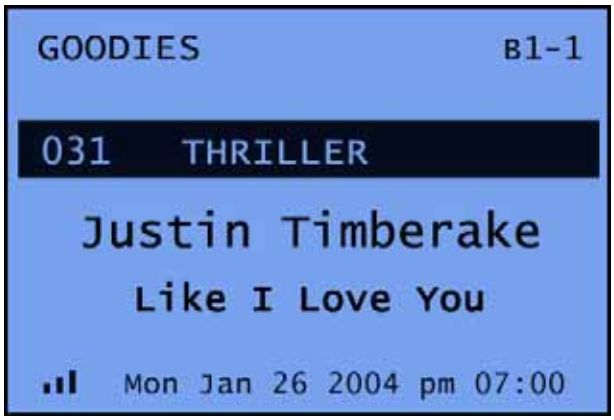
- If try a channel not subscribed then screen shows “Call 1-888-539-Sirius to subscribe” message and does not tune the channel.
- If you input number over 223 displays message “Exceed 223” for 1 second then disappear and go back to last tuning channel.
-



- Input ‘000’ to see SIRIUS ID.

3.1.8. Favorite Channel

3.1.8.1. Preset

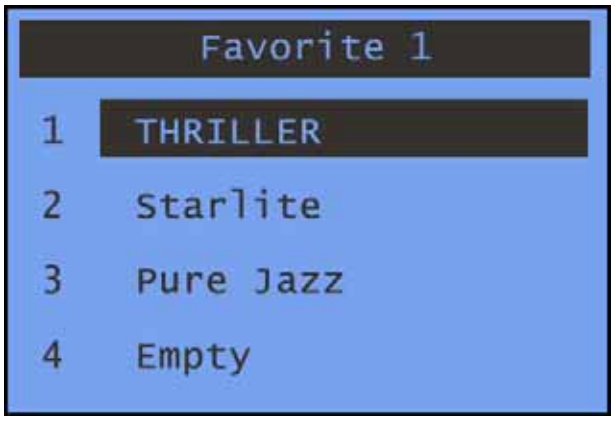


- Using [BAND] key select a band to preset, and input number that you want to store using ([NUMERIC–**Long key**] . Unsubscribed Channels can not be set in preset channel.
- There are 3 band, and each one can be stored 10 channels.
- Preset information is displayed in Tuning mode Right side, Upper part of the display LCD. ex)B1-1
- [0] means '10', the channel stored in '0' will be shown as B1-10

3.1.8.2. Recall

- Select the band using [BAND] key which includes channel to Recall then press number that channel is stored using ([NUMERIC] key).
- There are 3 band and each one can store 10 channels.
- Recall channel information is shown in Tuning Mode right & upper part of the Display LCD ex)B3-5
- [0] means number '10', if you recall '0' it displays as B1-10
-

3.1.8.3. Favorite List

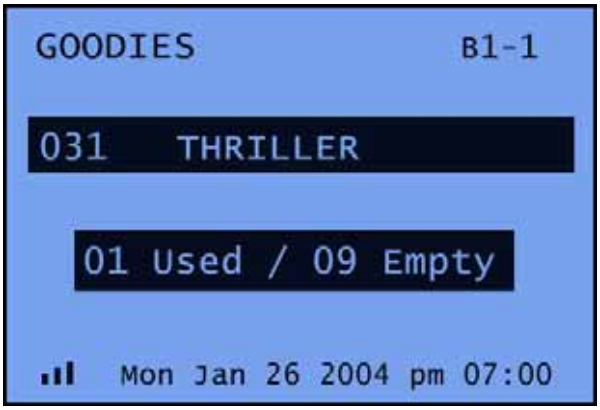


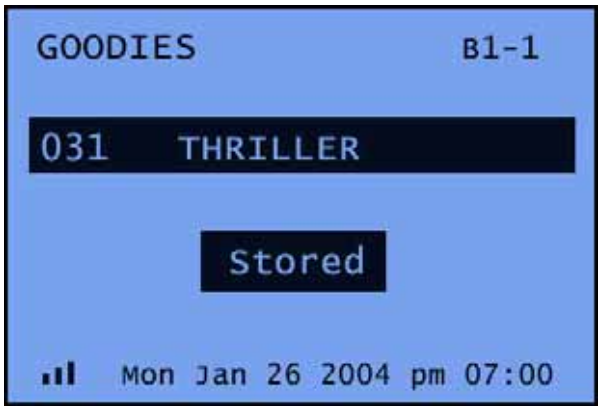
- [BAND-**Long key**] displays Favorite List.
- In Favorite List input [BAND] key to change Favorite List. (Favorite 1->Favorite 2-> Favorite 3->Favorite 1->…)
- Favorite List are 3 in total and each one contains 10 channels.
- In the selected Favorite List has no channel stored displays “No Favorite Channel” message.

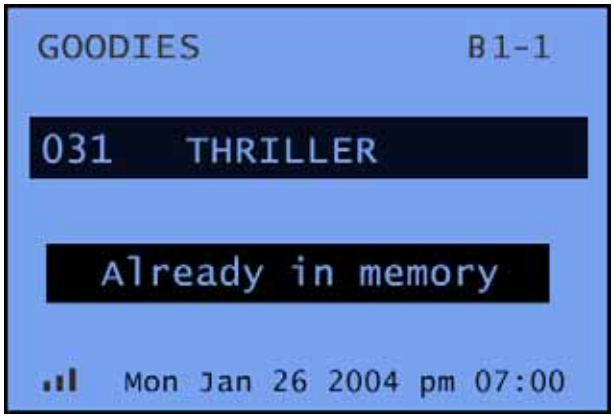
3.1.9. PDT(Program Descriptive Text or Program Display Text) Information

3.1.9.1. Preset

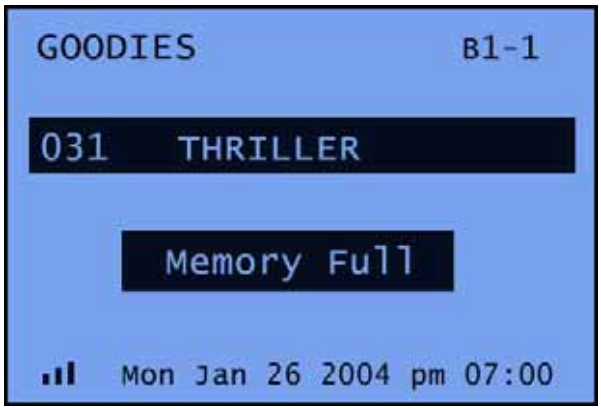
- Press [MEM] key to store PDT of the channel in tuning.
- 10 PDT information can be saved.

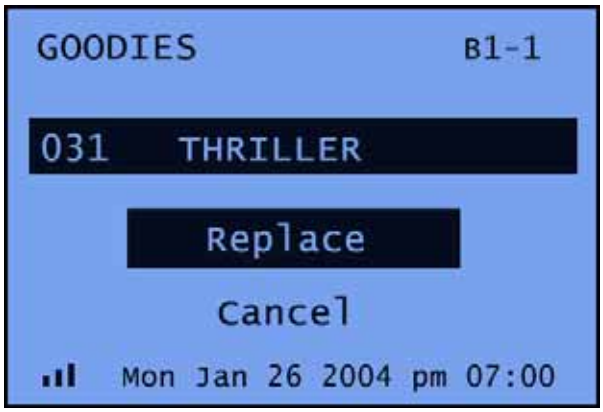






- Numbers of stored PDT will be displayed(ex : 08/10) then shows the message “Stored”
- If the PDT has been stored already then displays “Already In Memory” .



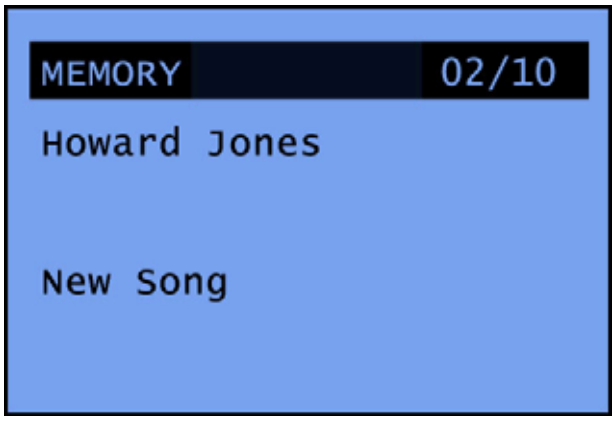


- If all capacity 10 memories are full displays “Memory Full” then pops the menu to “Replace or Cancel”.

- You can “Replace” the information instead of selected information. Select a list first, Artist List then select the number to overwrite, press [OK]key to complete storaging of information. Do the same steps to replace information in Song list.

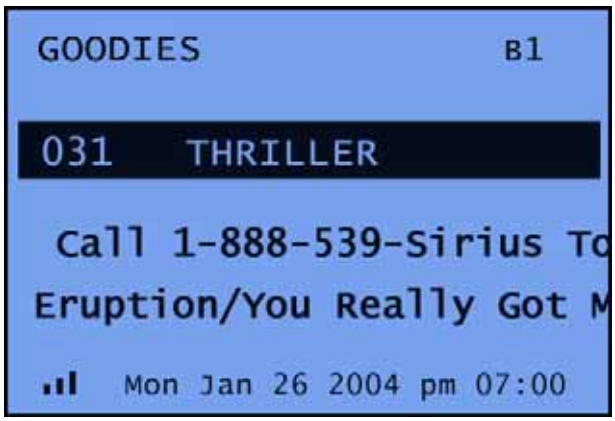
  Select Cancel menu to cancel storing PDT and go back to tuning mode.
- PDT will be scrolled automatically after 2 sec in case it is too long.

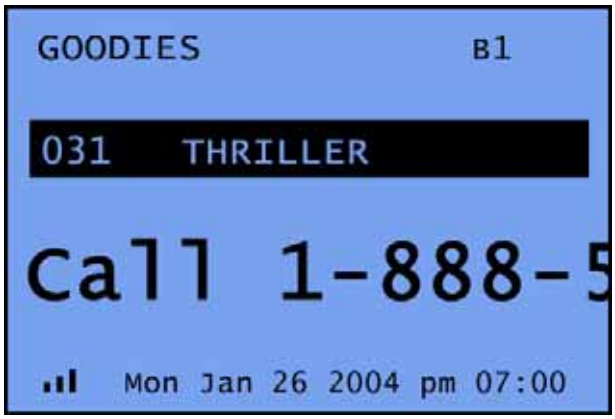
3.1.9.2. Recall



- Press [MEM-**Long**] key to recall PDT information(Artist Name & Song Title).
- In the right/upper part shows PDT information index no./total PDT numbers stored.
- [CHUP]/[CHDN] key are to search Next/Previous informations.

3.1.9.3. Horizontal Scroll Function





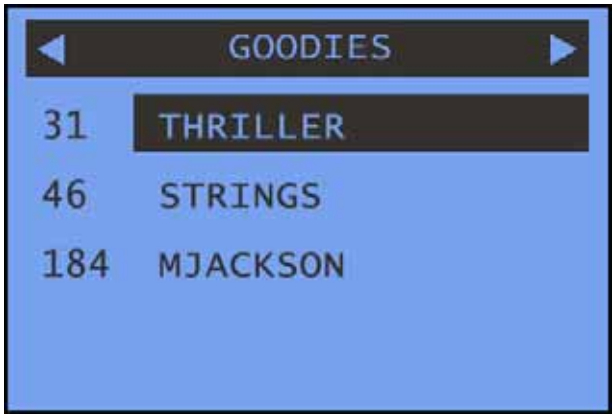
- In Tuning Mode displays Artist Name and Song Title. If the information is too long to display in one line it automatically scrolls information in order to show all information.
- If you press [DISP] key The display type changes to a Large Font showing Artist Name and song title both in each line and scrolls horizontally.

3.1.10. List

3.1.10.1. Channel List

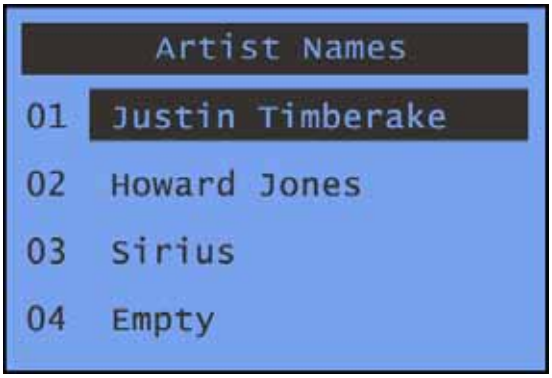
- It shows valid and subscribed channel only.
- In Tuning Mode press [OK] key to see Channel List.(Move to Channel List by pressing [DISP] key if the last mode is not Channel List)
- In one page is shown 4 channel.
- Search the channel for tuning using [CHUP]/[CHDN] key then press [OK] key .

3.1.10.2. Category List



- In Tuning Mode [CATUP]/[CATDN] keys are to display channel list of same category in tuning.
- It shows valid and subscribed channel only.
- In the upper part shows Category Name and displays 4 channels in a page.
- [CHUP]/[CHDN] key are to search channel for Tuning select the channel with [OK] key.
- [CATUP]/[CATDN] key are also used for changing category.
- Category List is as maximum 12 categories and is displayed only if the category has at least one channel.
  With [CATUP]/[CATDN] key display category.
- Each Category can contained as maximum 24 channels.

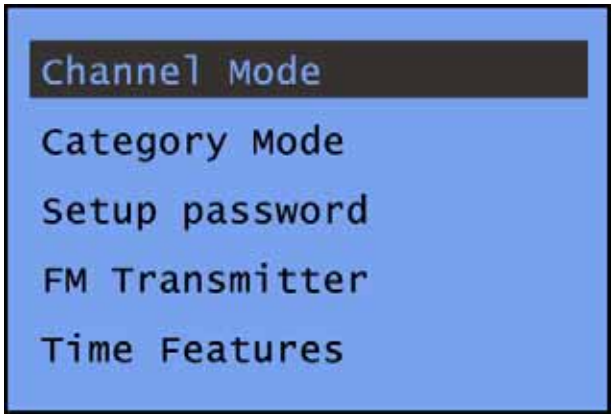
3.1.10.3. PDT List (Artist or Song Title)

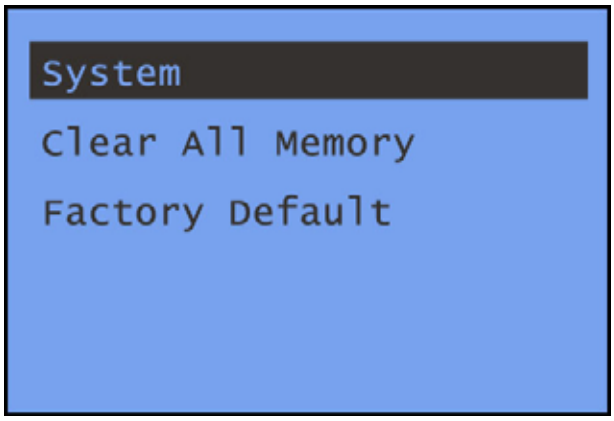


- If you press [DISP] key when you were in Channel List or Category List, then toggles the list.
- Channel List->Artist List->Song List->Channel List->…
- Category List->Artist List->Song List-> Category List->…
- If you press [OK]key in the List tunes the selected channel, if you press [FUNC]key returns to the channel that was tuning.
- PDT will be scrolled automatically after 2 sec in case it is too long.

3.2. Main Setup Menu

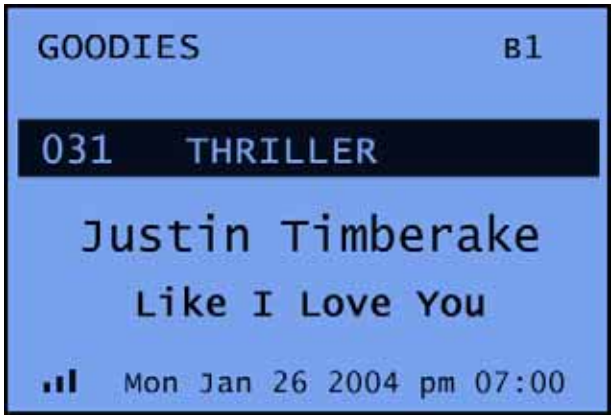
3.2.1. Main Menu





Select the main menu by remote [FUNC– **Long Key**]

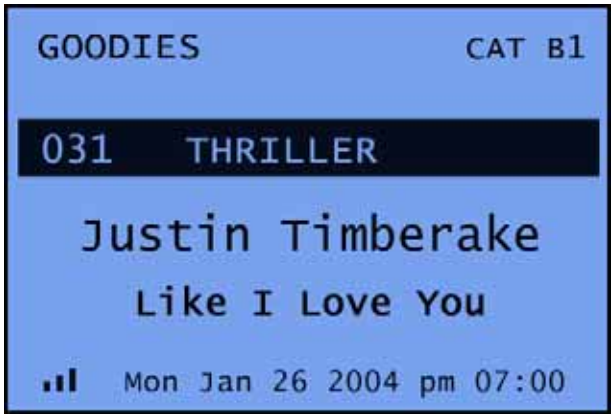
3.2.2. Channel Mode



- [OK] key is used for select menu to change Channel Mode.

  In Channel Mode you can use [CHUP]/[CHDN] key to change other (Valid & Subscribe) Channel.

3.2.3. Category Mode

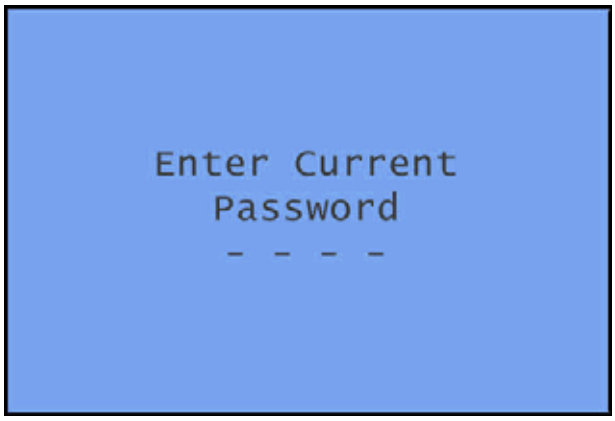


- With [OK] key select this menu to switch to Category Mode.

  In Category Mode with [CHUP]/[CHDN] key you can change to other (Valid & Subscribe) channel within the same Category.

- "CAT" is shown in the upper part when is Tuning in Category Mode.

3.2.4. Setup Password

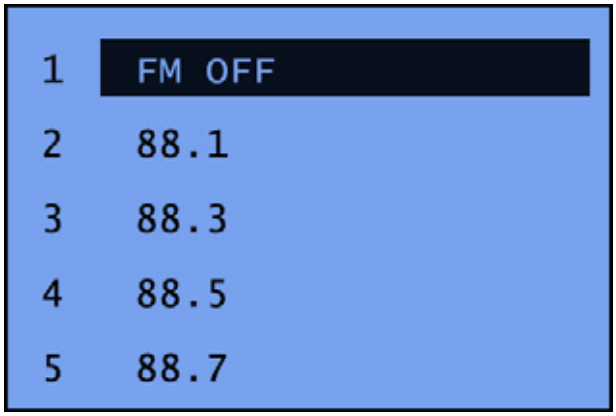


- Enter current password.

- Enter new password. Input wrong password then go back to main menu.

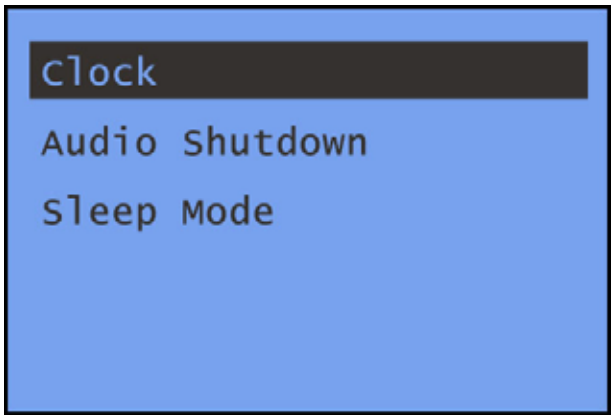
- Input again to confirm.
- “Changed Password” message is displayed if the password has changed successfully, otherwise “Invalid Password” message will be displayed.
- Master Password is “1379”.

3.2.5. FM Transmitter

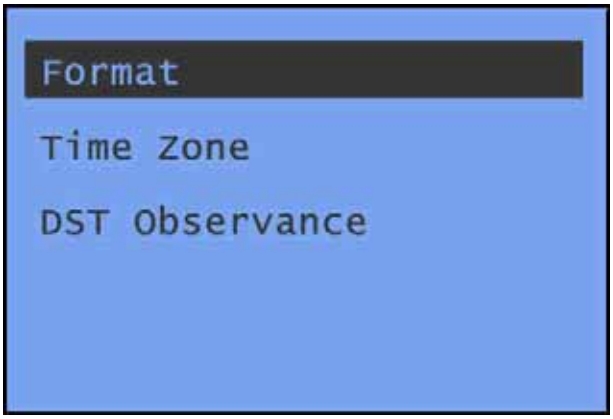


- You can search with [CHUP]/[CHDN] key and select with [OK] key to choose a channel among 13 FM Frequency.
- FM Frequency : FM OFF, 88.1, 88.3, 88.5, 88.7, 88.9, 106.7, 106.9, 107.1, 107.3, 107.5, 107.7
- Default Frequency will be routed to “FM OFF.”

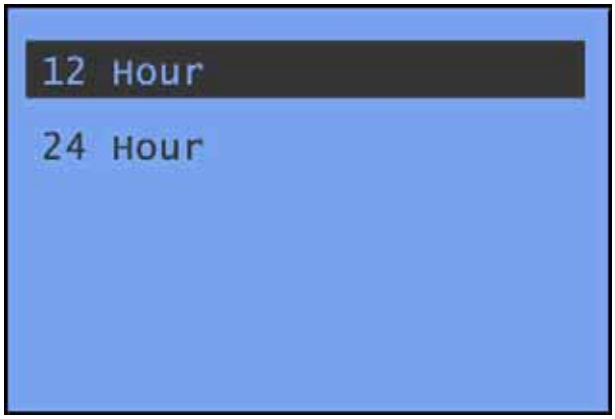
3.2.6. Time Features



3.2.6.1. Clock

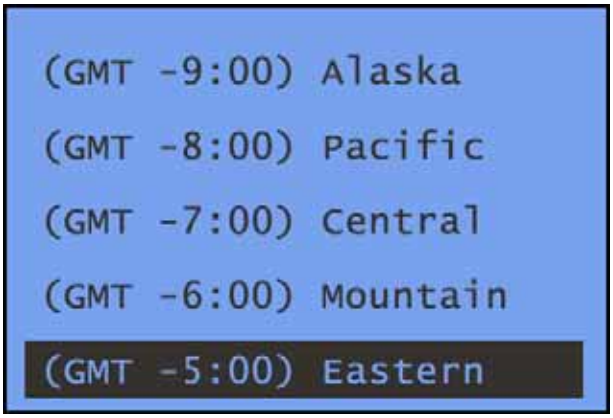


3.2.6.1.1. Format



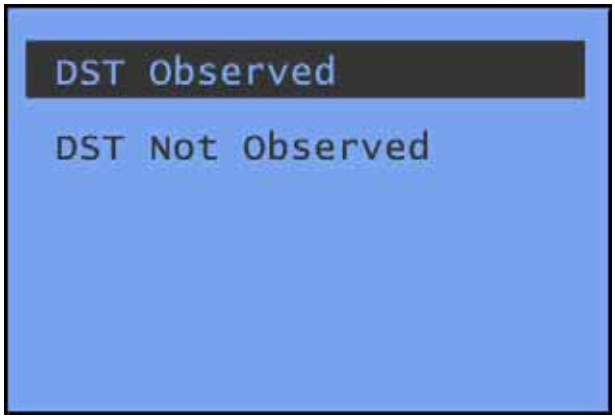
- Time can be shown in two different way 12Hour or 24Hour.
- Default Time Format is based on 12Hour.

3.2.6.1.2. Time Zone



- Select a time zone.
- Default Time Zone is routed to “Eastern”.

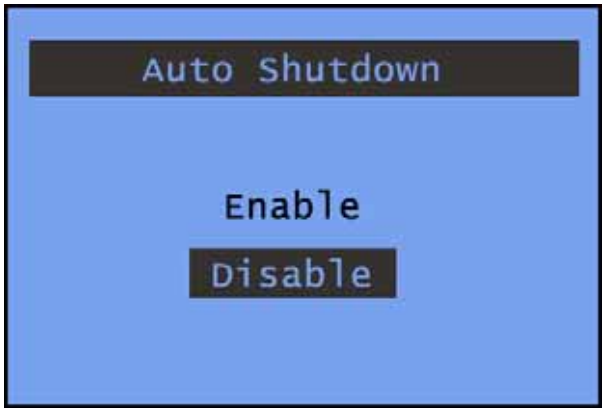
3.2.6.1.3. DST Observance

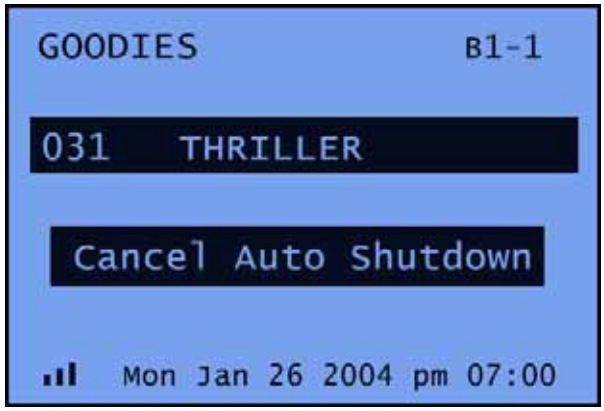


- If you are in a zone of Daylight Savings Time(DST) observe then choose fro this menu

- Default is DST Observed.

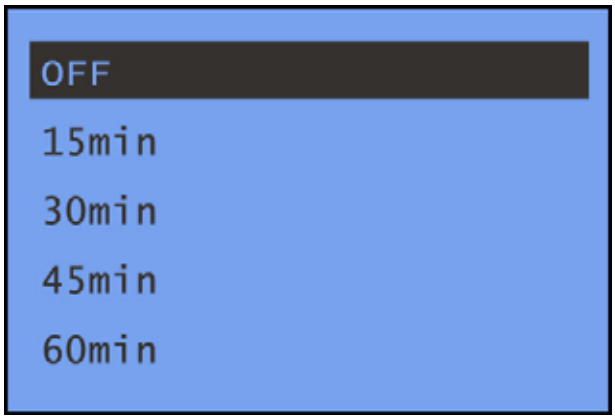
3.2.6.2. Auto Shutdown





- Default Setting is set “Disable”a
- Select “Enable” to “Power Off” after one hour without any key input.
- After 59 minutes without pressing any key, pops "Cancel Auto shutdown" message. If the key input was after the message to continue to tune. Time count for auto shutdown reset according every key input.

3.2.6.3. Sleep Mode



- Default Setting is set “Off”
- Set a Time to “Power Off” automatically.

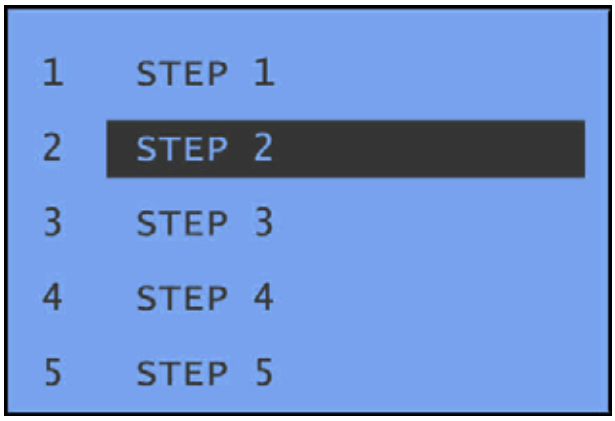
3.2.7. System

3.2.7.1. Audio Level

- [CATUP}/[CATDN] key you can control audio level then press [OK] key to confirm audio level.

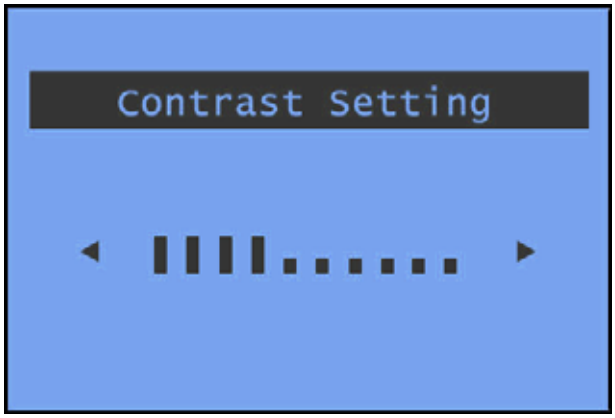
3.2.7.2. Display Option

3.2.7.2.1. Dimming Control



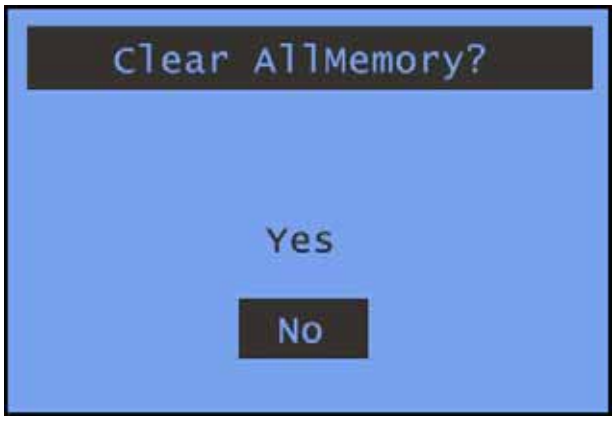
- This menu is to control brightness of back light. There are 5 levels and STEP 1 is the brightest one.
- Default is routed to STEP 1.

3.2.7.2.2. Contrast



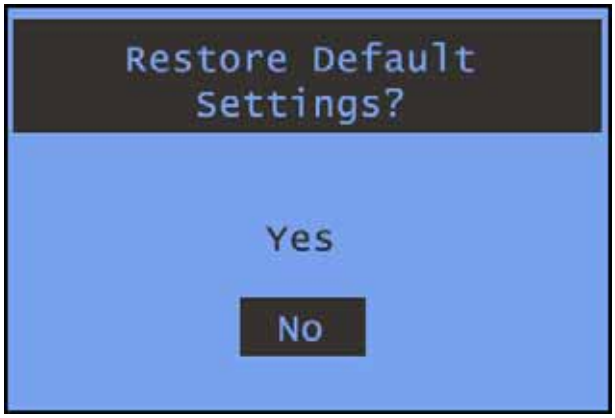
- Adjust contrast by [CATUP]/[CATDN] key.
- 10 levels are available and the default is 50%.
- Press [OK] key to move to previous menu after set Value and press [FUNC] key to move previous set and stay,.

3.2.8. Clear All Memory



- User Setting information(Lock/Skip/CH Preset/PDT Preset) can be clear with this menu.
- Press [1] key to clear every user settings, and will be tuning first available channel
  Press [0] key to go back to Main Menu without deleting user settings.

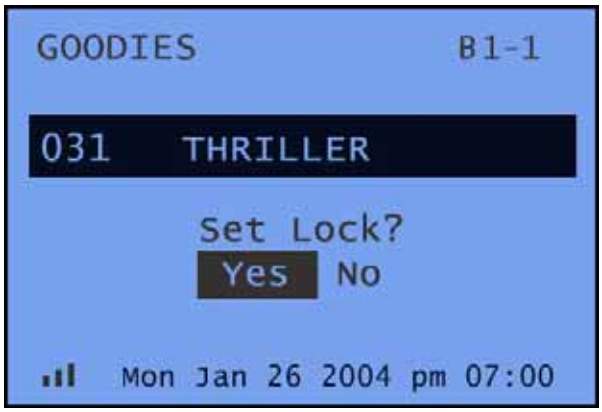
3.2.9. Factory Default

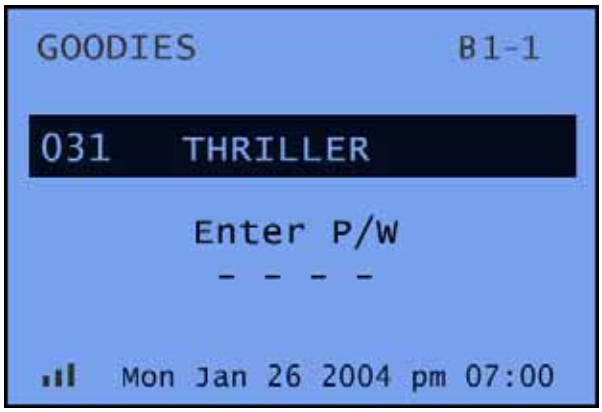


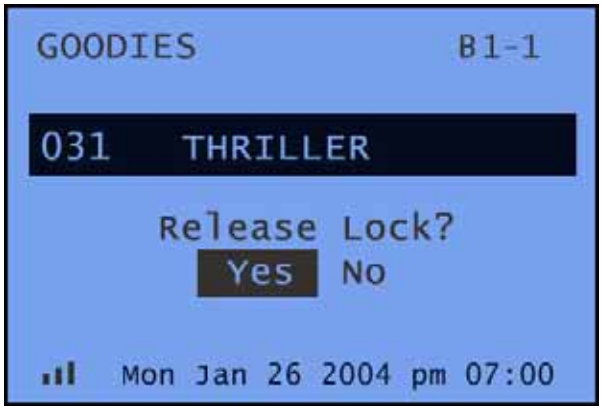
- Either to clear memory or to set user setting value as a default, the following is default set value.
- Current Channel tunes as a preview channel 184.
- Tune Mode is set Channel Mode.
- FM Transmitter is set “OFF”.
- Backlight is set Step 1.
- Display Contrast to 50%
- Audio Output Level to -3db
- Eastern time zone
- Daylight savings time observed
- 12 Hour Clock Format.
- Auto Shutdown is set “Disable”
- Sleep Mode is set “OFF”

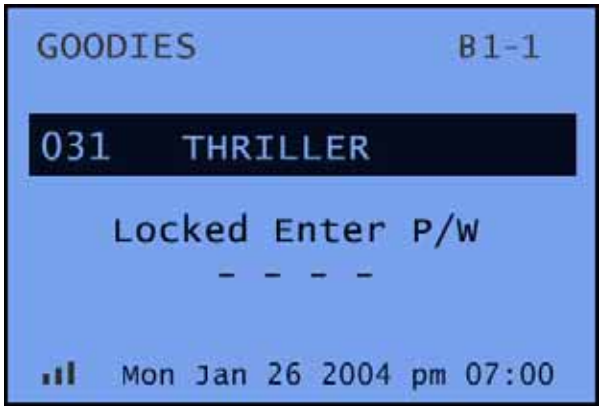
3.3. Option Function

3.3.1 Lock



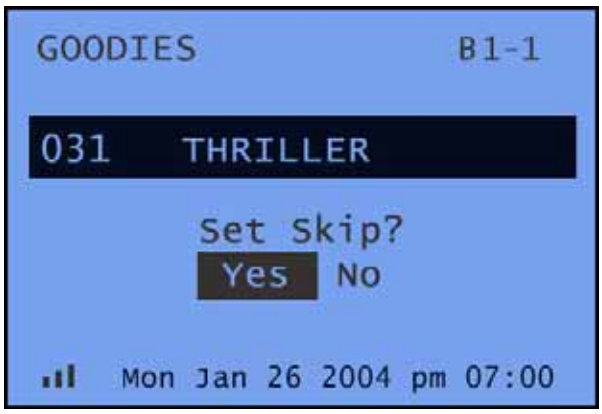


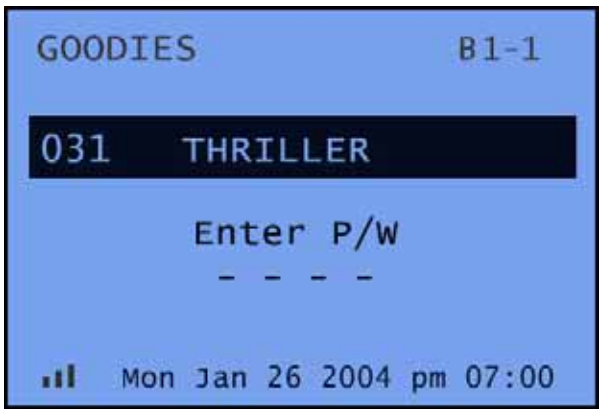


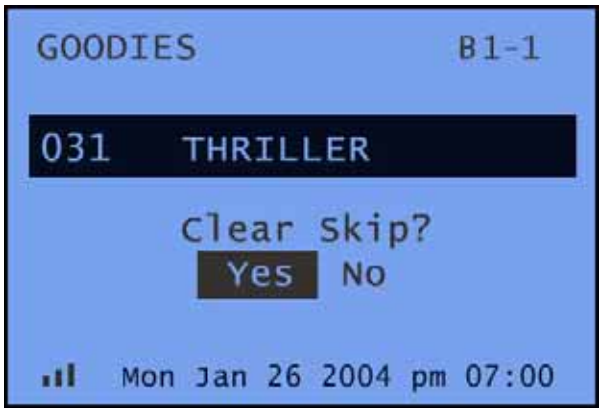


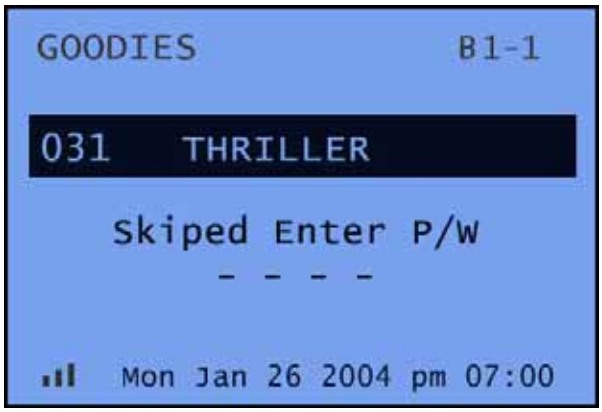
- Key to lock a channel. (Can not lock the channel not subscribed)
- If the channel is used Lock mode press password to be released. In the channel is Released with the key [FUNC]+[1] goes to Setting Mode and you will be required to enter your password.
- If you want to hear Lock setting Channel Tuning you will be required to enter password.

3.3.2. Skip



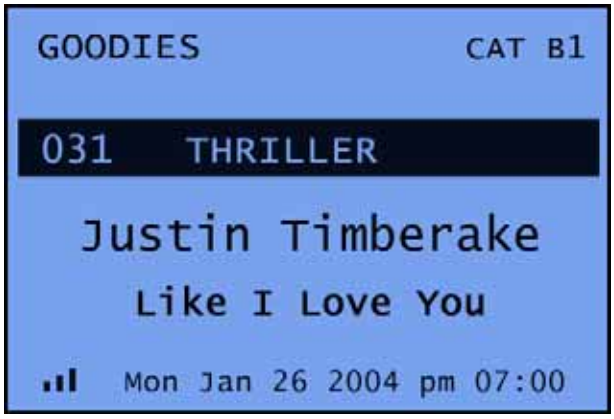






- [FUNC]+[8] key is to go to the menu for skip option. You can skip specific channels every time you are searching channels. (Can not set to skip the channel not subscribed)
- Skip channels are not available to choose with [CHUP]/[CHDN] only you can choose those channels by using Direct Channel input for Tuning. To cancel this Skip select the channel and press [FUNC]+[2] key to set Release.
- To change Skip to release you will asked to enter password .
-

3.3.3. CH/CAT Toggle



- [FUNC]+[3] key is to switch Channels/Category.
- This option function is to search Channel or Category one after the other.
- Tuning in CH mode [CHUP]/[CHDN] keys are to search all available channels.
- Tuning in CAT mode [CHUP]/[CHDN] keys are to search channels under current category.