NEWGEN7

"A-B" repeating Section

Record key

MODE

Play

WOW

"+/-" key

NAVI

FF/REW

NEWGEN7
COLOR LCD

⟨Check point before the use of Product and Basic information⟩

■ Put the "Hold" switch to OFF
(When "Hold" is on, the buttons on the player will not function)

※ short : Press the button short
※ Long : Press the button longer

■ Power ON / OFF(with "Play"key)

※ Power ON(shortly) / Power OFF(longer) ⇨

LCD Screen

Version : Firmware Version	
Total : Total memory	MP3 initial window
Free : Remain memory	

■ Newgen 7 has 7 basic functions and, after turning on the power,
the initial screen has the followings(※ for setting the user Basic functions, use "Navi" − long)

"Mode" key
(short)

⇨

◄◄ ►►key
to select
each function

⇨
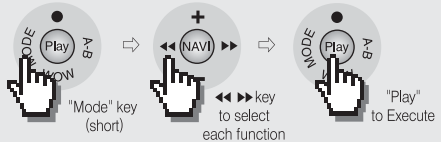
"Play"
to Execute

7 Basic Functions

M : MP3 Player   P : Playist
F : FM Radio   B : Bookmark
V : Voice Recording S : Stopwatch
L : Line−in(Encoding)

■ Reset : Initialization of product functions(Re−booting) − Back button of main product body

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Basic Functions

1. Listening to MP3 (Supporting MP3, WMA, OGG)

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◄◄ ►► to select "M" mode | ⇨ | Press "play" to execute |

❶ Playback   ⇨ "Play" key(Plaback)

1. Scan File : ◄◄ or ►► (short)
※ "◄◄ or ►►"(long) in playing for FF or fast reverse
2. Adjusting the volume press "+/−"

❷ Navigation to scan files to play

"Navi"
(short)

⇨ Select the file with "+/−" button ⇨

selecting folder
►► enter desired folder
◄◄ exit to the previous menu

How to play selected files
① "Play" − pop up − "Play"
↓

open
Playlist
Delete

select "open" with "+/−"
※ Press "Rec" to remove
"Pop−up" menu
② Press "FF"key on the selected
file to playback

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❸ Repeat mode – while playback, repeating the desired section

※ when pressing "A–B"(short) in sequence while playback
the starting and ending point are checked

starting point(↱) ⇨ Ending point(⇄) ⇨ playback continue

A–B

※ "A–B" in MP3 stop condition(short) : Play mode changed in
sequence as following

All – All – PLT – PLT – BMK – BMK – DIR – DIR
1   ↻   1   ↻   1   ↻   1   ↻
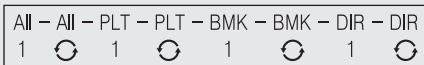
All – Playback all tracks
PLT – Playback files stored in playlist
　　　(PLT doesn't work without selected file)
BMK – Playback files stored in BMK
　　　(BMK doesn't work without selected file)
DIR – Playback tracks in the selected folder

※ 1 : single playback for selected part / ↻ : repeating playback

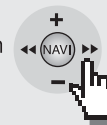※ To repeat a single file : press "Rec" button

❹ "WOW" and Equalize

Press "WOW"(short) to choose WOW sound.
("W"mark show on the screen)
"WOW"(long) repeatedly to choose a different EQ
(Normal, Rock, Jazz, Classic, Pop, User …)
※ Refer to the P.31 for "user EQ" to set user setting.

"WOW"
in playback

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2. Operating the FM tuner

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◀◀ ▶▶ to select "F" mode | ⇨ | Press "play" to execute |

❶ Listening FM station   ◀◀ (NAVI) ▶▶   ※ To change Mono / stereo : Press "play" in Radio playing

Press ◀◀ or ▶▶ to select your desired station
/ Press and Hold ◀◀ or ▶▶ to automatically locate a station

❷ Preset mode(up to 20 stations available)
　– First, select the Frequency(with ◀◀ ▶▶ Key)

⇨ "A–B" ⇨ "+/–" ⇨ play(pop up) ⇨ "Play" ⇨ "A–B"

(select preset number)   listen   (to store the channel)   (to exit to radio mode)
store
clear
Auto scan

select "store" with "+/–"
※ Press "Rec" to remove "Pop–up" menu

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❸ Playback "Preset" : FM Mode ⇨ ◀◀ (NAVI) ▶▶ ⇨ Select stored preset number

+

Press "Navi"
(short)

※ Press "Navi"(short) to remove the "preset"
※ "Empty" show without preset memory

3. Recording Voice

Initial screen with Power ON	⇨	Press "Mode" (short)	⇨	Press ◀◀ ▶▶ to select "V" mode	⇨	Press "Mode" to execute

❹ To record FM :

MODE

"Rec"(short)

❶ Recording :

MODE

Rec(short)
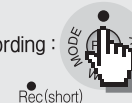
※ Recording : Press "Rec" during FM reception
The recorded file is saved as "FMRC001"
(sequential numbers are assigned)
It is saved in the Root folder as WMA format

※ "Rec"(short) in the "voice" mode
The recorded file is saved as "VORC001"
(sequential numbers are assigned)
It is saved in the Root folder as WMA format

※ To pause FM recording : press "play" in recording(blinking shows)

※ To pause recording : press "play" in recording(blinking show)

※ To play a record file : After selecting MP3 mode ⇨ "Navi" ⇨ "Root" folder
⇨ Select the recorded file and execute

※ To play a record file : After selecting MP3 mode ⇨ "Navi" ⇨ "Root" folder
⇨ Select the recorded file and execute

〈In "Navi" condition〉

● "+/−" : select file
● ▶▶ enter desired folder
● ◀◀ exit to the previous menu

〈In "Navi" condition〉

● "+/−" : select file
● ▶▶ enter desired folder
● ◀◀ exit to the previous menu

4. Recording from an external audio source (Line-in=Encoding)

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◀◀ ▶▶ to select "L" mode | ⇨ | Press "play" to execute |

❶ Line-in recording

※ Connect the Line-out Jack of the external device to the line in jack of the player
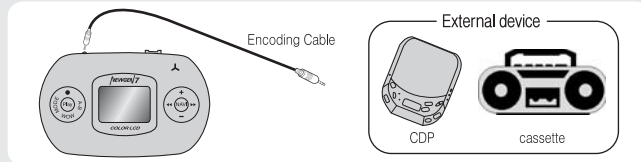⇨ when external Audio source is on,

press "Rec" for Encoding | The recorded file is saved as "AUDI001"(sequential numbers are assigned) It is saved in the Root folder as WMA format

〈In "Navi" condition〉

※ To play a record file : After selecting MP3 mode ⇨ "Navi"
⇨ "Root" folder ⇨ Select the recorded file and execute

- ● "+/-" : select file
- ● ▶▶ enter desired folder
- ● ◀◀ exit to the previous menu

〈How to Encode〉

Encoding Cable
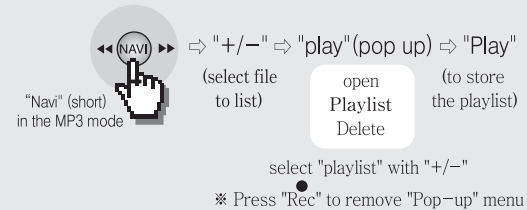
External device

CDP   cassette

1. Connect the Line-In cable between N7 and external device
2. Play the external audio source first
3. Then Press "Rec" button and record

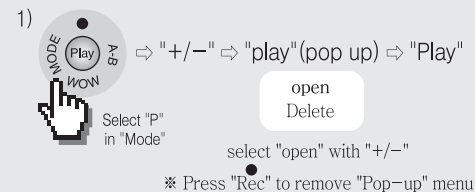## 5. Playlist (To make a list for the file to listen)

※ This will not work without selected files — up to 99 unit

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◀◀ ▶▶ to select "P" mode | ⇨ | Press "play" to execute |

❶ To program to "playlist"

◀◀ NAVI ▶▶

"Navi" (short) in the MP3 mode

⇨ "+/-" ⇨ "play"(pop up) ⇨ "Play"
(select file to list)

open
Playlist
Delete
(to store the playlist)

select "playlist" with "+/-"
※ Press "Rec" to remove "Pop-up" menu

❷ Playback "playlist"

1)

MODE Play A-B WOW

Select "P" in "Mode"

⇨ "+/-" ⇨ "play"(pop up) ⇨ "Play"

open
Delete

select "open" with "+/-"
※ Press "Rec" to remove "Pop-up" menu

2) MP3 mode — press "A-B" repeatedly and select "PLT" then press "Play"
(stop condition)

6. Bookmarking

Playback the desired part of the long file
※ This will not work without selected files

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◄◄ ►► to select "B" mode | ⇨ | Press "play" to execute |

❶ Bookmark designating
※ Press "Rec"(long) during playback wherever you want to bookmark.
  ("B mark shows on the screen)

❷ Playback Bookmarked files

1)
MODE (Play) A-B WOW
Select "B" in mode
⇨ "+/−" ⇨ play(pop up) ⇨ "Play"

open
Delete

select "open" with "+/−"
※ Press "Rec" to remove "Pop−up" menu

2) MP3 mode − press "A−B" repeatedly and select "BMK" then press "Play"
   (stop condition)

7. Stopwatch

| Initial screen with Power ON | ⇨ | Press "Mode" (short) | ⇨ | Press ◄◄ ►► to select "S" mode | ⇨ | Press "play" to execute |

❶ Press "play" repeatedly to start or stop

❷ Lap time : to save 99 records
※ Stopwatch can be used during playback of music file
※ Press "play"to see Lap time (To return to "S/W" mode : "Rec")

Other function

❶ AVATA
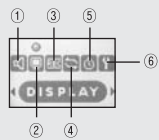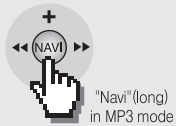 All stored Avata will appear when the player is switched on before initializing
  screen displays

  Only JPG format is available
  Avata files name should be stored as avata000~099.jpg
  ※ Normal jpg file is playbacked in "Navi"mode

NEWGEN 7

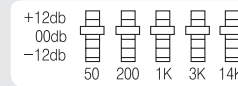## 1. Menu (6 main menu and their sub-menu can be set according to User's demand)

+
◄◄ NAVI ►►

"Navi"(long)
in MP3 mode

| ◄◄ ►► to scan each function | ➪ | "Play" to select each function | ➪ | " ◄◄ ►► " to select right/left level "+/-" to select up/down level | ➪ | "Play"to set and then exit to upper menu |

※ "Rec" : exit to the upper menu

① ③ ⑤
⑥
DISPLAY
② ④

① sound	② Display	③ Record	④ play mode	⑤ Timer	⑥ System
User EQ	LCD ON Time	FM Quality	Boundary	Auto Power off	Scan Speed
3D SRS ON	LCD Contrast	Line Quality	Repeat ON/OFF	Sleep	language
SRS Setting	Scroll Speed	Line volume	Shuffle ON/OFF		Format
Sound Balance	Tag inform		Intro Time Set		Auto Hold
EQ select	Screen Saver		Tempo		Load Default
	Frame Rate		Resume ON/OFF		Memory Status
	Lyric ON/OFF		Fade In ON/OFF		F/W version
			Study Key step		

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1) Sound

User EQ : You can adjust the sound to your preference

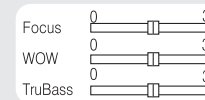+12db
00db
-12db
50 200 1K 3K 14K

| How to set | " ◄◄►► " Frequency selection "+ / -" level selection ➪ "Play" to exit ※ "Rec" to exit to upper menu |

3D SRS ON

"Play" to select ON/OFF and then "Play" to set
※ Hot key : "WOW"(short) during Playback of music

SRS Setting : SRS setting with 3 options
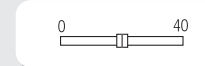
Focus 0 ─── 31
WOW 0 ─── 31
TruBass 0 ─── 31

Focus : You can set SRS sound for high low adjustment
WOW : You can set 3D high tones
TruBass : You can set low and middle frequencies

Sound Balance : Balance your sound at both earphones

0 ─── 40

| How to set | Press " ◄◄►► " to select level ➪ then "play" to exit ※ "Rec" to exit to upper menu |

EQ select

☐ Normal
☐ Rock
☐ Jazz
☐ Classic
☐ Pop
☐ User

| How to set | Press +/- to select EQ ➪ then "play" to exit |

※ Hot key : "WOW"(long) during Playback of music
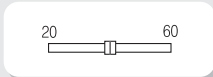and then press repeatedly to select other EQ

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2) Display

LCD on time : You can adjust the time that the Backlight stays on

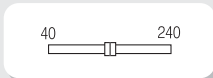| 0   180 ☐ Always ON | How to set | Always on : press "+/−" to set or remove and then "◄◄▶▶" to set the time ⇨ then "play" to exit ※ "Rec" to exit to upper menu |

LCD Contrast : Adjust the LCD screen contrast

| 20   60 | How to set | Contrast can be adjusted by using the "◄◄▶▶" ⇨ then "play" to exit ※ "Rec" to exit to upper menu |

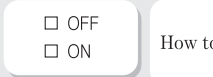**Scroll Speed** : Adjust scroll speed

| 40   240 | How to set | Press "◄◄▶▶" to adjust ⇨ then "play" to exit |

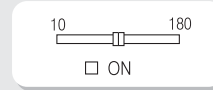**Tag Information** : You can display file with Tag information or with file name

ON : Display file with tag information
OFF : Display file with file name

| ☐ OFF ☐ ON | How to set | Press "+/−" to turn ON or OFF ⇨ then "play" to exit ※ "Rec" to exit to upper menu |

Screen saver : You can select "ON" to activate screen saver
and using "−" to turn ON/OFF

| 10   180 ☐ ON | How to set | Press "−" to set "ON" and then "◄◄▶▶" to select the time(10~180 secs) Screen saver will appear when no action is done ⇨ then "play" to exit |

※ **You can edit BMP files(96＊64) and store it as ＊.ss**

1. Menu − Display − Screen saver("−" to set "ON")
2. Open the desired BMP file on Window drawing pad in your PC.
3. Select "select all" then reduce it to 96＊64
4. Save it as ＊.ssr. in your PC
5. Download the file to the player. and then "Navi" to select the saved file
6. Screen save will appear when no action is done during the adjusted time.

Frame Rate : Adjust the time for screen saver(3~9 sec)
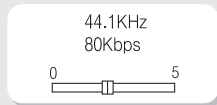
| 3.0   9.0 |
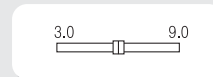
Lyric ON/OFF : You can display lyric for the song
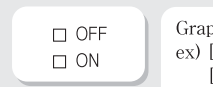
| ☐ OFF ☐ ON | Graphic file can be replaced with lyrics, while playback a song ex) [00:02] My life has been such [00:04] "＊.jpg" [00:06] whirlwind since I saw you |

3) Record

**FM quality** : You can adjust recording quality when recording FM Radio

44.1KHz 80Kbps 0 ———————— 5	Bit Rate : 32Kbps ~ 128Kbps Sampling frequency : 32KHz, 44.1KHz

LINE quality : You can adjust recording quality when recording from external device
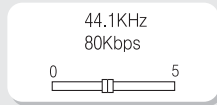
44.1KHz 80Kbps 0 ———————— 5	Bit Rate : 32Kbps ~ 128Kbps Sampling frequency : 32KHz, 44.1KHz

LINE-IN VOLUME : You can adjust recording level when recording from external device

0 ———————— 31
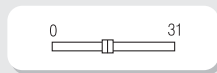
4) Play

Boundary : Playback mode selection(All/PLT/BMK/DIR)
※ hot key : press"A-B" repeatedly in MP3 mode(stop condition)

Repeat ON/OFF : You can select repeat mode(1 or recycle)

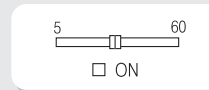| ☐ OFF ☐ ON	ON : recycling OFF : single playback	※ hot key : press"A-B" repeatedly in MP3 mode (stop condition)

Shuffle ON/OF : You can play all the tracks randomly and stop

☐ OFF ☐ ON	ON : playback randomly

Intro Time Set : "Intro" plays the beginning 5~60 seconds of each track
— This helps searching tracks easily

5 ———————— 60
☐ ON

Tempo : While playing, you can adjust playback tempo to study languages

50 ———————— 150 ☐ ON	While Playback → "Navi"(long) → Menu → "Play mode" → "Tempo" → " ◀◀ ▶▶ " to adjust

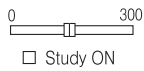**Resume On/OFF**

☐ OFF ☐ ON	ON : Playback resumes from the previous location in a song when the player is stopped or powered off OFF : Playback begins from the first track after the player is stopped or powered off

Fade In ON/OFF

☐ OFF ☐ ON	ON : Volume increase gradually at playback mode to prevent sudden loudness

Study Key Step

```
0          300
  ☐ Study ON
```

While playing, "◀◀, ▶▶" will skip the current file as setting time ahead

5) Timer

Auto power off

```
1          60
   ☐ ON
```
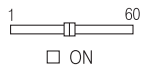
ON : automatically turns power off after a fixed time, not in use (Unit : Sec)

Sleep

```
1          180
   ☐ ON
```
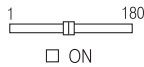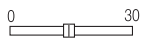
automatically turns power off while playing (Unit : Min)

6) System

Scan Speed : You can adjust scan speed for high speed searching files

```
0          30
```

Language : Supports 5 languages for song title, tag information and lyrics
Korean / English / Japanese /Chinese Simp /chinese Trad

Format : formats Memory from the player(It may take time)

```
☐ Normal
☐ Quick
```

Auto Hold : Automatically switches "hold" on fixed time(Unit : Sec)

```
10         180
   ☐ ON
```
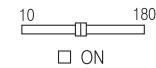
Load Default : Initialize all the functions to the original setting-up

```
Default load
 ☐ YES
 ☐ NO
```

Memory status : Shows total and free memory of the player

```
Memory
Total 120 MB
Free 9  MB
```

F/W version : Shows version of Firmware of the player

```
Firmware
Version 0.00
```

2. Firmware and Font upgrade

■ Firmware upgrade

1. Download firmware from TeraValue homepage
2. Update your player with downloaded firmware by rebooting
3. Reboot the player "F/W upgrade" and free memory status will appear sequentially
※Version validation : "Navi"(long) → system → Firmware version

■ Font upgrade

1. Download Font files from TeraValue hompage
2. Update your player with downloaded fonts
3. Scan font file, using "Navi' and run the font file
※ Procedure

| FONT SETTING writing[==   ] | ➡ | FONT SETTING verifying[==   ] | ➡ | FONT SETTING Success!!! |
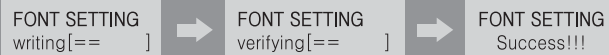
❗ Caution : Do not disconnect the USB cable when downloading.
            Disconnection during dounloading will cause fatal dawage.

1. Trouble shooting

Check these symptoms when any problem should persist.

Symptoms	Solution
No LCD display	1. Check the condition of battery 2. Adjust contrast of LCD screen 3. Reboot the player pressing with "Reset" button
No recording	1. Check "Hold" position 2. Check the free memory and delete the unwanted files
No sound during playback	1. Check "Hold" position 2. Check the condition of battery 3. Adjust the volume level 4. Check the saved file 5. Check the condition of earphones
Failed download from PC	Check the connection of the USB cable
Characters in LCD corrupted	Check the language menu
Faster / slower playback	"Navi"(long) − Play mode − Tempo adjustment
Failed execution or delete file	Format memory ※ "Navi"(long) − System mode − format

2. Internet Customer Support

1. Address : www.teravalue.com
2. You can get the information about the product and others
3. You can upgrade the product with the Firmware that the company release constantly
4. You can get the answer for trouble shooting and get the support for any services
5. You can find out various service and others

Customer support and inquiry
1. Customer support Tel : +82-31-788-7375
2. Customer support mail address : support@teravalue.com
3. Company Address : Suite 509 Kyounggi Venture Bldg, Korea Design Center, #344-1,
   Yatap-1dong, Bundang-Gu, Sungnam-si, Kyounggi-Do, 463-070, Korea

Product Name			Model Name	
Serial Number				
Customer	Name		Tel	
	Add			
Sales Office	Name		Tel	
	Add		Name	
Purchase Data			Warranty Period	One Year
Seller	Name	TeraValue	Tel	+82-31-788-7375
	Add	Suite 509 Kyounggi Venture Bldg, Korea Design Center, #344-1, Yatap-1dong, Bundang-Gu, Sungnam-si, Kyounggi-Do, 463-070, Korea		

Please fill in Customer, Sales Office and Purchase fields in this form when you purchase a product.

◆ Pleas fill in customer, sales office and purchase fields in this form when you purchase a product. ◆

3. specification

Model	NewGen 7
Memory	128MB / 256MB / 512MB
Size	46.5 × 77.5 × 16 (W × H × D)
Weight	40g
Bit Rate	32kbps ~ 320kbps
Sampling Frequency	32KHz / 44.1kHz / 48KHz
File transfer speed	Max 6 Mbps / USB 1.1
File support	MP3 / WMA / OGG / JPEG
SNR	50dB
FM Tunner	76MHz ~ 108MHZ
Output	20mW(L) + 20mW(R)
Language	Korean / English / Japanese / chinese(simp,trad)
Playing Time	About 16 hr (In case Back light, Key LED OFF)
OS	Window 98SE / ME / NT / 2000Pro / XP
	Mac OS 8.1 / Linux kernel 2.4.18
Battery	Li-polymer(3.7V. 580mA)
Recharge	About 3 hr(In case fully discharged)