# iriver
## T20

http://www.iriver.com

iriver

# Instruction Manual
# T20

Thank you for your purchase.
Please read this manual carefully
before using your new player.

*Firmware Upgradable*™

MP3 DIGITAL AUDIO

FM TUNER

Plays Windows Media™

REC VOICE recorder

SRS WOW DIGITAL

# Contents

• Some features might not be available in every region.

## Welcome

### Thank you for your iriver purchase

Thank you for your iriver purchase.
The T20 comes complete with a long list of advanced features. It is important that you read the
manual to ensure that you get the most out of your new player.

### http://www.iriver.com



**Obtain information about your player, look for updates, and find answers to
questions at our web site.**

- iriver website address is www.iriver.com.
- The site provides product information and customer support.
- Use the firmware (system software) upgrade function of our products from the site to
  continuously improve the product performance.

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  distribute the contents created by this product.**

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**CE, FCC, MIC**

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- **Neither the Manufacturer, importers nor dealers is responsible for any accidental
  damage including bodily injury or any damage resulting from misuse or unsuitable
  operation by you.**

- **The information on this manual is prepared with the current player specifications.
  The manufacturer, iriver Limited, is adding new features to the product and may
  persistently apply new technologies hereafter. All standards may be changed at any
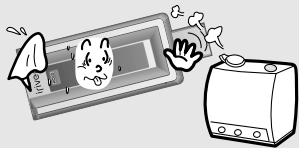  time without notice.**

## Safety Instructions For your safety, please read before use.

## Product

Keep away from harsh environments including humid, dusty, and smoky areas.

Do not drop or subject the device to impact.

Do not disassemble or modify.

Keep out of direct sunlight and extreme heat and cold.

Do not use excessive force on the buttons or attempt to disassemble the device.

Do not clean using chemicals or detergents. Doing so may damage the surface or paint.
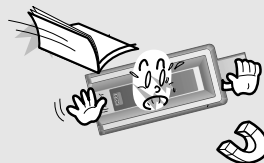
## Product

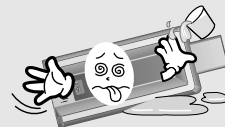Keep the player away from strong magnets.

Avoid contact with water and other liquids and dry immediately with a soft cloth should contact occur.

Do not use headphone / earphones at high volume. Hearing experts advise against listening to continuous, loud and extended play.

Do not use headphones/earphones while cycling, driving, or operating any motorized vehicle. It is dangerous and is illegal in some areas.

Avoid impacting the player against other objects when it is in your pocket or backpack.

External impact, lightning, power shorts or other events may damage the data stored in the product. The user is solely responsible for data backup and the company will not be liable for loss of stored data under any circumstances.

*Chapter*

*1*

iriver **www.iriver.com**

## Components  ● Accessories subject to change without notice and may vary from image shown.

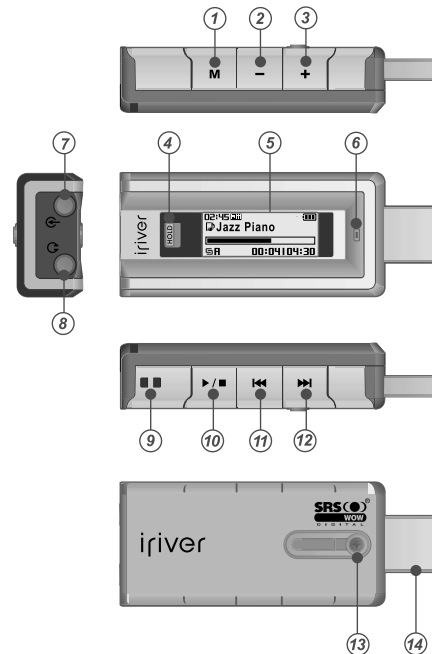| Earphone | Installation CD | User Manual/ Warranty card/Quick Start Guide |
|---|---|---|

Neck strap for carrying

## Locating the controls  ● Your player may differ sightly from that shown in the illustrations.
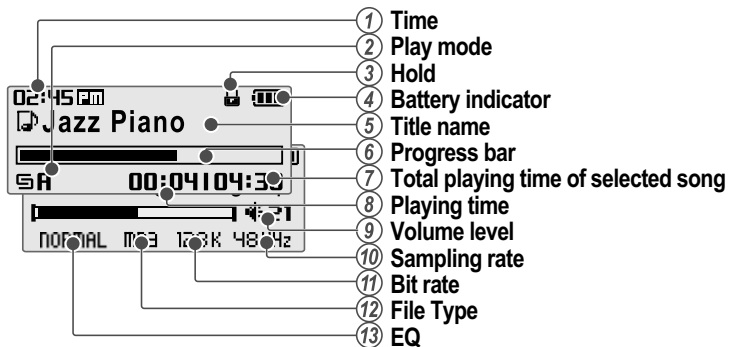
### Product

| ① | Mode/REC button |
|---|---|
| ② | Volume - button |
| ③ | Volume + button |
| ④ | Hold Switch |
| ⑤ | LCD Screen |
| ⑥ | Microphone |
| ⑦ | Line In Jack |
| ⑧ | Earphone Jack |
| ⑨ | Neck Strap Connection Part |
| ⑩ | Play/Stop button |
| ⑪ | Previous/Fast Reverse button |
| ⑫ | Next/Fast forward button |
| ⑬ | USB Lever |
| ⑭ | USB connection port |

## Locating the controls

### LCD Screen display

**1. MUSIC Mode**

① Time
② Play mode
③ Hold
④ Battery indicator
⑤ Title name
⑥ Progress bar
⑦ Total playing time of selected song
⑧ Playing time
⑨ Volume level
⑩ Sampling rate
⑪ Bit rate
⑫ File Type
⑬ EQ

**2. * FM RADIO Mode**    * Only for models including FM Radio function

① Stereo indicator
② Frequency
③ Preset indicator
④ Channel Number
⑤ Frequency Range
⑥ Frequency Bar
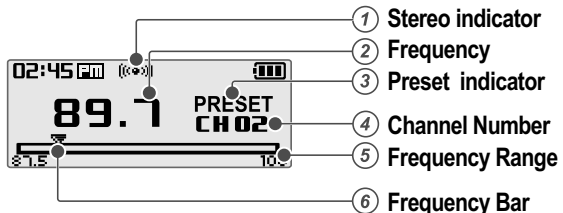
## Connection/Installation

### Connecting to the PC

**1. Push the USB lever and pull out the USB connection port as below picture and connect the player to the PC.**
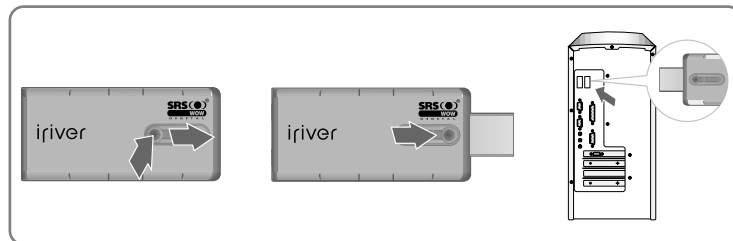
**2. Turn on the player, "USB Connect" icon will appear on the LCD screen of the player.**

**3. Once installed, open Windows Explorer and an additional device should be listed called " iriver T20".**
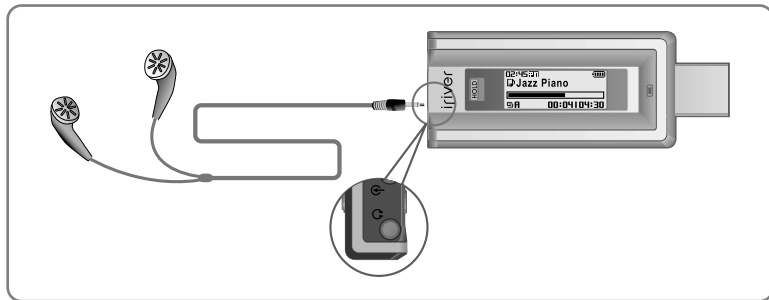
## Connection/Installation

## Connecting the earphones

**1. Connect the earphones jack  to the earphone socket  on the player.**

## Connection/Installation

## Charging the battery

If the icon is displayed, the battery is out of power and you should charge the battery .
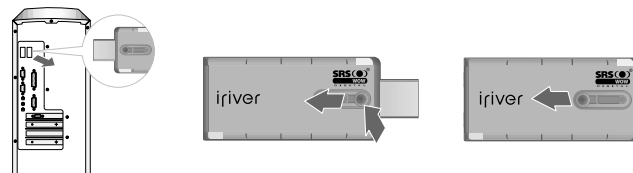
**1. Connect the player to PC after push the USB lever and pull out the USB connection port as below picture.**



**2. "USB Connected" on the display is appeared, charging indicator is displayed.**



**3. Disconnect the player to PC when charge is completed and then pull in USB connection port as  picture.**



*Note*

- You can charging the battery at tuned off the player.
- Charging time : Approx. 3.5 hours (At fully discharged/Stop mode)

## Connection/Installation

### WMP 10 installation

**1. The program installation process will start automatically after inserting the Installation CD to the PC's CD-ROM drive.**
**Click the [OK ] button and follow the on screen instructions which appear as each window.**

Thank you for purchasing iriver T20.
iriver welcomes you to the world of T20.

You have to install Windows Media Player
on Windows XP, in order to use T20 series.

This program will check your operating system,
and upgrade your Windows Media Player
to Windows Media Player 10.

Please click "OK" to continue.

OK        Cancel

# Quick start

*Chapter*

## 2

## Basic Usage

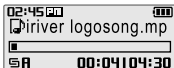### Turning on/off the player

**1** **Turning on the player**

**Press the ▶/■ button to turn on the player.**

Previous function mode will be displayed.

*Note*

■ If the player does not power ON, please replace your battery.

**2** **Turning off the player**

**Press and hold the ▶/■ button.**

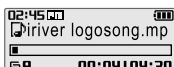Turns off the player.

### Playing a music file

**1** **When powered on, press and hold M button to display the function mode screen.**

**2** **Press ◄◄ , ►► button to choose the [MUSIC] mode then press ▶/■ button.**

Previous music file will resume playback.
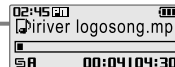
## Basic Usage

### Selecting a music file

**1** **During the music file playback, press ◄◄ , ►► button to choose the desired music file.**

◄◄ : to select previous music file

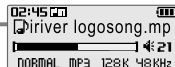►► : to select next music file

### Adjusting the volume

**1** **Adjusting the volume**

**During the music file playback, press − , + button to adjust volume level.**

− : Decrease volume level.

+ : Increase volume level.

## Selecting the function mode

**1** When powered on, press and hold M button to display the function mode screen.
Press ⏮ , ⏭ button to choose the desired function mode.

MUSIC

*Note*

BROWSER

RECORDING

MUSIC

FM RADIO

<Only for models including FM Radio function>

SETTINGS
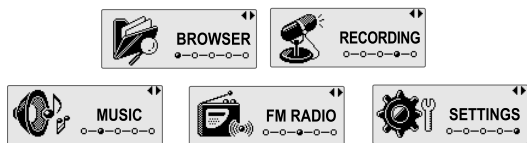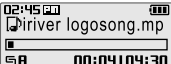
**2** Press ▶/■ button to enter.

Press M button to cancel.

02:45 🔲
iriver logosong.mp
SA          00:04:04:30

# Basic operation

*Chapter*

*3*

* Only for models including FM Radio function

## Playing a music file

**1** Release HOLD switch, then press ▶/■ button to turn on the player.

Previous function mode will display.

**2** Press and hold ᴹ button to display the function mode screen.
Press ⏮ , ⏭ button to select [MUSIC] mode, then press ▶/■ button to enter.

Previous music file will resume playback.

**3** Stop music playback

Press ▶/■ button to stop music playback.
Press ▶/■ button again to continue playing.

**4** Adjusting the volume

During the music file playback, press − , + button to adjust volume level.

− : Decrease volume level.
+ : Increase volume level.
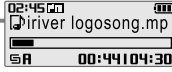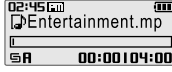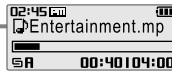
**5** Skipping to previous/next file

During the music file playback, press ⏮ , ⏭ button to skip to the previous/next file

⏮ : previous file    ⏭ : next file

**6** Fast searching

Press and hold the ⏮ , ⏭ button for fast-forward or fast-reverse playback.

⏮ : fast-rewind    ⏭ : fast-forward
Release the button for normal playback.
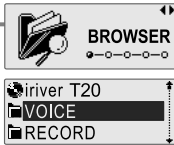
## Selecting a music file

**1** **Press and hold M button to display the function mode screen.**
**Press ⏮ , ⏭ button to select [BROWSER] mode, then press ▶/■ button to enter.**
The music file list screen will be displayed.

> BROWSER
> ●—○—○—○—○

> 🌐iriver T20
> 📁VOICE
> 📁RECORD

**2** **Use the ⏮ , ⏭ , ▶/■ , M buttons to, select a music file.**
⏮ : to move up          ⏭ : to move down
▶/■ : to enter the folder     M : to exit the folder

To exit file list screen, press M button.

> 📁Music
> 🎵iriver logosong.mp
> 🎵Entertainment.mp3

**3** **Press ▶/■ button to start playback.**

> 02:45� 🔋
> 🎵iriver logosong.mp
> 🔀A      00:04l04:30

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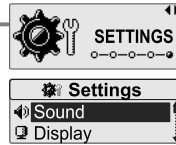
## Changing playback mode
Playback Mode can be changed in the [SETTINGS - Sound - Play Mode Select]. (Refer to page 47)

**1** **Press and hold M button to display the function mode screen.**
**Press ⏮ , ⏭ button to select [SETTINGS] mode, then press ▶/■ button to enter.**
The [SETTINGS] screen will be displayed.

> SETTINGS
> ○—○—○—○—●

> ⚙ Settings
> 🔊 Sound
> 🖵 Display

**2** **Press ⏮ , ⏭ button to choose the [SOUND], then press ▶/■ button.**
The [SOUND] sub-menu screen will be displayed.

> 🔊 Sound
> SRS Setting
> User EQ

**3** **Press ⏮ , ⏭ button to choose the [Play Mode Select], then press ▶/■ button.**
The [Play Mode Select] screen will be displayed.

> 🔊 Sound
> EQ Select
> Play Mode Select

> PLAY MODE
> ☐A  ☐A  ☐D
> ☐   ☐  ☑A
> ☐1  ☐A  ☐D

**4** **Press ⏮ , ⏭ button to select desired playback mode, then press ▶/■ button.**
The playback mode is changed to the selected mode.

> PLAY MODE
> ☐A  ☐A  ☐D
> ☐   ☐  ☑A
> ☐1  ☐A  ☐D

> 02:45⏽ 🔋
> 🎵iriver logosong.m
> 🔀A  00:04l04:30

## MUSIC

## MUSIC

---

*Note*

■ The following the icons displayed to indicate playback mode.

| Normal playback | **A** | Play all files in the player, then stop. |
|---|---|---|
| | **D** | Play all files in the current folder, then stop. |
| Repeat playback | **↻1** | Play a single file repeatedly. |
| | **↻A** | Play all files in the player repeatedly. |
| | **↻D** | Play all files in the current folder repeatedly. |
| Shuffle playback | **SA** | Randomly play all files in the player, then stop. |
| | **SD** | Randomly play all files in the current folder, then stop. |
| Shuffle playback repeatedly. | **S↻A** | Randomly play all files in the player repeatedly. |
| | **S↻D** | Randomly play all files in the current folder repeatedly. |

## A-B Repeat

**1** Press **M** button while playing to select the beginning (A) point.

**2** Press **M** button again to select the end (B) point.

Play a selected interval repeatedly.

To cancel interval repeat, press the **M** button.

---

## Changing the sound EQ

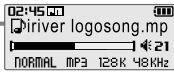The sound EQ can be changed in the [SETTINGS - Sound - EQ select]. (Refer to page 47)

**1** Press and hold **M** button to display the function mode screen.

Press ◄◄ , ►► button to select [SETTINGS] mode, then press ►/■ button to enter.

The [SETTINGS] screen will be displayed.

**2** Press ◄◄ , ►► button to choose the [Sound], then press ►/■ button.

The [SOUND] sub-menu screen will be displayed.

**3** Press ◄◄ , ►► button to choose the [EQ Select], then press ►/■ button.

The [EQ SELECT] screen will be displayed.

**4** Press ◄◄ , ►► button to select desired sound EQ, then press ►/■ button.
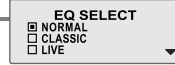
The sound is changed to the selected EQ setting.

*Note*

■ You can select one of the following EQ types:
NORMAL, CLASSIC, LIVE, POP, ROCK, JAZZ, U BASS, METAL, DANCE, PARTY, SRS, USER EQ

## MUSIC

## Download Music & Playlists

### Get the latest version of Windows Media Player
In order to copy music & playlists to your player, you must use Windows Media Player 10.
The installation CD-ROM should include the proper version of Windows Media Player.

Windows Media Player 10 can also be found online at : www.microsoft.com/windowsmedia/download/

Please note, purchased music can only be copied to this player using Windows XP and the latest version of Windows Media Player.

**1. Push the USB lever and pull out the USB connection port as below picture and connect the player to the PC.**
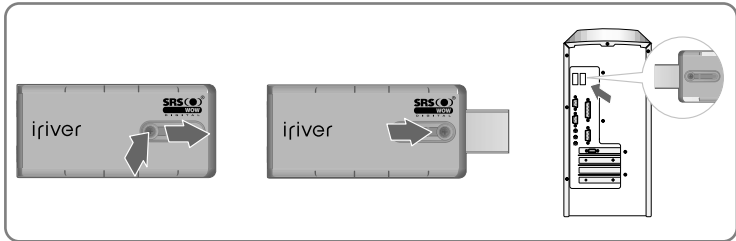


**2. Open Windows Media Player.**
   a. Click Start -All Programs -Accessories -
      Entertainment -Windows Media Player.
   b. Click "Library " from the menu button near
      the top of the screen..

   Most of your music should be listed in this library.
   If not, check Windows Media Player help for more
   information about the library.

## MUSIC

**3. Locate a Song or Playlist in the Library
   and Right-Click on it.
   Select "Add to -Sync List".
   A "Sync list " will appear on the right side
   of windows Media Player listing all the
   Songs & Playlists to be added to your
   player.
   Repeat for all the songs or playlists you would like to add to your player.**
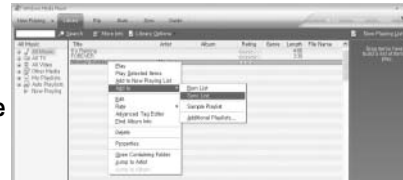


**4. Click the "Sync" menu button.
   On the right side the Sync screen
   choose the  T20 from the dropdown list.**



**5. Click Start Sync to transfer the songs or
   playlists on to the  T20 player.
   When complete, copied songs will
   appear in the "Synchronized to Device"
   list on the left side of Windows Media
   Player and in the specified folder on the
   right side of the screen.**



**Disconnect the player from your computer and enjoy your music!**

**If you prefer to Auto Sync, please select "Auto Sync" in the menu of Set Up Sync.
You can Auto Sync music and playlists.**
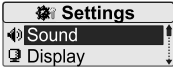
### Deleting a file on the player
The File can be deleted in the [SETTINGS - Advanced - Delete File]. (Refer to page 61)
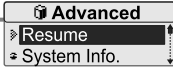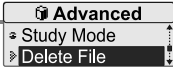
**1** **Press and hold M button to display the function mode screen.**
**Press ⏮ , ⏭ button to select [SETTINGS] mode, then press ▶/■ button to enter.**
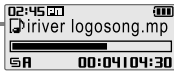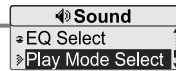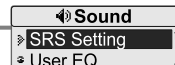The [SETTINGS] screen will be displayed.

SETTINGS

**Settings**
Sound
Display

**2** **Press ⏮ , ⏭ button to choose the [Advanced], then press ▶/■ button.**
The [Advanced] sub-menu screen will be displayed.

**Advanced**
Resume
System Info.

**3** **Press ⏮ , ⏭ button to choose the [Delete File], then press ▶/■ button.**
The [DELETE file] list screen will be displayed.

**Advanced**
Study Mode
Delete File

Music
iriver logosong.
Entertainment.

*Note*

■ While in a music file playback, delete functions are not available.

29
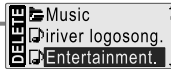
**4** **Select a file to delete by using the ⏮ , ⏭ , ▶/■ , M button, then press ▶/■ button.**

⏮ : to move up        ⏭ : to move down
▶/■ : to enter the folder      M : to exit the folder

Music
iriver logosong.
Entertainment.

**DELETE FILE**
ARE YOU SURE ?
☐ YES      ☑ NO

**5** **Press ⏮ , ⏭ button to choose the [Yes], then press ▶/■ button.**
File is deleted on the player.

**DELETE FILE**
ARE YOU SURE ?
☑ YES      ☐ NO

## BROWSER

### BROWSER

**1** Press and hold M button to display the function mode Screen.
Press ◄◄ , ►► button to select [BROWSER] mode, then press ►/■ button to enter.

MUSIC

BROWSER

**2** File list screen is displayed on the LCD screen.

iriver T20
VOICE
RECORD

## * FM RADIO    * Only for models including FM Radio function

### Listening to FM radio

**1** Press and hold M button to display the function mode Screen.
Press the ◄◄ , ►► button to select [FM RADIO], then press the ►/■ button to confirm.

The previous station is displayed.

FM RADIO

02:40PM  PRESET
89.7  CH 02

**2** Press the ◄◄ , ►► button to select your desired station.

02:45PM  PRESET
91.9  CH 03

**3** To change STEREO/MONO

Press the M button to display FM Radio function Selection screen.
Press the ◄◄ , ►► button to select [STEREO ON or STEREO OFF], then press the ►/■ button to confirm.
The station is changed to stereo or mono.

02:54PM  PRESET
89.7  CH 02

RECORDING
DELETE CHANNEL
AUTO SAVE
STEREO OFF

02:42PM  PRESET
89.7  CH 02

*Note*

■ In areas where the signal is weak, some channels may be unavailable, or reception may be poor.

**\* FM RADIO**   \* Only for models including FM Radio function

## Searching for a FM radio frequency - Manual Scan

**1** If PRESET is displayed, first press the ▶/■ button to exit PRESET mode.
**Press the ⏮ , ⏭ button to select your desired station.**

02:40 ((•)) 
**89.7**
95 1.5                                    10.8

02:40 ((•)) 
**89.8**
95 1.5                                    10.8

## Searching for a FM radio frequency - Auto Scan

**1** If PRESET is displayed, first press the ▶/■ button to exit PRESET mode.
**To automatically locate a station press and hold the ⏮ , ⏭ button.**
The player will quickly scan through each frequency and stop at the next station that can tuned in.

02:40 ((•)) 
**89.7**
95 1.5                                    10.8

02:45 ((•)) 
**91.9**
95 1.5                                    10.8
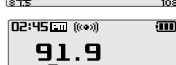
■ While in Preset mode, auto scan functions are not available.

33

---

**\* FM RADIO**   \* Only for models including FM Radio function

## Saving an FM Radio frequency - Manually

**1** If PRESET is displayed, first press the ▶/■ button to exit PRESET mode.
**Press the ⏮ , ⏭ button to select your desired station.**

02:52 ((•)) 
**89.7**
95 1.5                                    10.8

02:52 ((•)) 
**98.1**
95 1.5                                    10.8

**2** **Press the M button to display FM Radio function Selection screen.**
**Press the ⏮ , ⏭ button to select [SAVE CHANNEL], then press the ▶/■ button.**
The SAVE CH screen is displayed.

RECORDING
**SAVE CHANNEL**
AUTO SAVE
STEREO ON
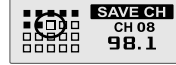
**SAVE CH**
CH 08
**98.1**

**3** **Select channel number by using the ⏮ , ⏭ button, then press ▶/■ button to save.**

■ : saved      □ : not used

**To exit the SAVE CH screen, press the M button.**

**SAVE CH**
CH 11
**98.1**

02:52 ((•)) 
**98.1**   CH 11
95 1.5                                    10.8

■ Up to 20 stations can be saved.

34

**\* FM RADIO**   * Only for models including FM Radio function

**\* FM RADIO**   * Only for models including FM Radio function

## Saving an FM Radio frequency - Automatically

**1** **Press the M button to display FM Radio function Selection screen.**
**Press the ◄◄ , ►► button to select [AUTO SAVE].**
**Press the ►/■ button to to automatically select stations and save them in sequential order.**

RECORDING
DELETE CHANNEL
AUTO SAVE
STEREO ON

02:52 FM (((•)))
88.1 PRESET CH 01

## Selecting preset memory

**1** If PRESET is not displayed, first press the ►/■ button to enter PRESET mode.
**Press the ◄◄ , ►► button to select your desired channel.**

02:52 FM (((•)))
88.1 PRESET CH 01

02:52 FM
89.7 PRESET CH 02

## Deleting a channel

**1** If PRESET is not displayed, first press the ►/■ button to enter PRESET mode.
**Press the M button to display FM Radio function Selection screen.**

02:52 FM (((•)))
107.7 PRESET CH 12

RECORDING
DELETE CHANNEL
AUTO SAVE
STEREO ON

**2** **Press the ◄◄ , ►► button to select [DELETE CHANNEL], then press the ►/■ button.**
The DEL. CH screen is displayed.

RECORDING
DELETE CHANNEL
AUTO SAVE
STEREO ON

DEL. CH
CH 12
107.7

**3** **Select channel number by using the ◄◄ , ►► button, then press ►/■ button to delete.**

■ : saved    □ : not used

**To exit the DEL. CH screen, press the M button.**

DEL. CH
CH 01
88.1

02:52 FM (((•)))
88.1 PRESET CH 01

*Note*

■ When the player does not have any preset stations, EMPTY will be displayed at Preset mode, then fade out.

## RECORDING

### To record *FM station   * Only for models including FM Radio function

**1** Press the M button to display FM Radio function Selection screen.
Press the ◄◄ , ►► button to select [RECORDING], then press the ►/■ button.
The station will be recorded.

> RECORDING
> DELETE CHANNEL
> AUTO SAVE
> STEREO OFF

> 02:52 PM
> Tuner0510_003
> 00:30:30 I 08:30:30

**2** Pausing station recording

Press ►/■ button to pause the recording process.
Press ►/■ button again to restart recording.

> 02:52 PM
> Tuner0510_003
> 00:30:30 I 08:30:30

> 02:52 PM
> Tuner0510_003
> 00:30:31 I 08:30:30

**3** Press the M button again to stop recording.
The recorded file is saved.

> 02:40 PM
> 89.7  PRESET CH 02

*Note*

■ The recorded file is saved as TUNERMMDD_XXX.MP3 in the RECORD folder.
(MM : Month, DD : day, XXX : sequential number)
■ Volume can not be controlled while recording.
■ You can adjust recording quality at the SETTINGS-RECORDING-FM SETTING. (Refer to page 53)

---

## RECORDING

### Recording voice

**1** Press and hold the M button to display function mode screen.
Select the [RECORDING] by using the ◄◄ , ►► button, then press ►/■ button.

The recording select screen is displayed.

> RECORDING
> Recording
> ▶ Voice
> Line-in

**2** Select the [VOICE] by using the ◄◄ , ►► button, then press ►/■ button.

The recording standby screen is displayed.

> 02:52 PM
> Record Ready
> 00:00:00 I 08:30:30

**3** Press the M button to begin recording.

Press ►/■ button to pause the recording process.
Press ►/■ button again to restart recording.

> 02:52 PM
> Voice0510_001
> 00:00:00 I 08:30:30

> 02:52 PM
> Voice0510_001
> 00:03:00 I 08:30:30

**4** Press the M button to stop recording.

The recorded file is saved and then the recording standby screen is displayed.

> 02:52 PM
> Record Ready
> 00:00:00 I 08:30:30

*Note*

■ The recorded file is saved as VOICEMMDD_XXX.MP3 in the VOICE folder.
(MM : Month, DD : day, XXX : sequential number)
■ Volume can not be controlled while recording.
■ You can adjust recording quality at the SETTINGS-RECORDING-VOICE SETTING.(Refer to page 53)

## RECORDING

### Recording from Line-In

**1** **Press and hold the M button to display function mode screen.**
**Select the [RECORDING] by using the ⏮ , ⏭ button, then press ▶/■ button.**

The recording select screen is displayed.

RECORDING
○-○-○-●-○

🎙Recording
▫ Voice
▶ Line-in
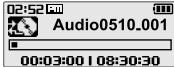
**2** **Select the [Line-In] by using the ⏮ , ⏭ button, then press ▶/■ button.**

The recording standby screen is displayed.

02:52 🔲 ▤
🎙 Record Ready
00:00:00 I 08:30:30

**3** **Press the M button to begin recording.**

Press ▶/■ button to pause the recording process.
Press ▶/■ button again to restart recording.

02:52 🔲 ▤
🎙 Audio0510_001
00:00:00 I 08:30:30

02:52 🔲 ▤
🎙 Audio0510_001
00:03:00 I 08:30:30

**4** **Press the M button to stop recording.**

The recorded file is saved and then the recording standby screen is displayed.

02:52 🔲 ▤
🎙 Record Ready
00:00:00 I 08:30:30

*Note*

- The recorded file is saved as AUDIOMMDD_XXX.MP3 in the RECORD folder.
  (MM : Month, DD : day, XXX : sequential number)
- Volume can not be controlled while recording.
- You can adjust recording quality at the SETTINGS-RECORDING-LINE-IN SETTING. (Refer to page 54)

---

## Listening to music

### Note for recording
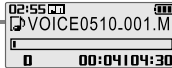
**The recording will be stop if**

- **the amount of recorded data exceeds the memory capacity of the player.**
- **the battery is low.**

### To play a recorded file

**-** **While Recording standby mode, press ▶/■ button to play recorded file.**
Previous recorded file will begin playing back.
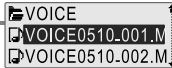
02:55 🔲 ▤
🎵 VOICE0510_001.M
□          00:04 I 04:30

**1** **Press and hold the M button to display function mode screen.**
**Select the [BROWSER] by using the ⏮ , ⏭ button, then press ▶/■ button.**

MUSIC
○-●-○-○-○

BROWSER
●-○-○-○-○

**2** **Select a recorded file in the [RECORD] or [VOICE] folder by using the ⏮ , ⏭ , M , ▶/■ button, then press ▶/■ button.**
The selected file will begin playing back.

📁VOICE
📄VOICE0510_001.M
📄VOICE0510_002.M

02:55 🔲 ▤
🎵 VOICE0510_001.M
□          00:04 I 04:30

⏮ : to move up          ⏭ : to move down
▶/■ : to enter the folder          M : to exit the folder

*Chapter*

*4*

iriver **www.iriver.com**

## Menu configuration
- Functions are subject to change with different firmware versions.
- Users can configure their own settings.

**SETTINGS**

| ⚙ Settings |
|---|
| 🔊 Sound |
| 🖵 Display |

- ■ SRS Setting
- ■ User EQ
- ■ EQ Select
- ■ Play Mode Select
- ■ Rec. Play Mode

| ⚙ Settings |
|---|
| 🔊 Sound |
| 🖵 Display |

- ■ Backlight Timer
- ■ Scroll Speed
- ■ Tag Info.
- ■ Language
- ■ Name
- ■ LCD Contrast

| ⚙ Settings |
|---|
| 🖳 Recording |
| 🕙 Timer |

- ■ *FM Setting
- ■ Voice Setting
- ■ Voice Detect
- ■ Line-In Setting
- ■ Line-In Volume
- ■ Track Separation

| ⚙ Settings |
|---|
| 🖳 Recording |
| 🕙 Timer |

- ■ Power Off Timer
- ■ Sleep Timer
- ■ Date & Time
- ■ Alarm/*FM Rec.
- ■ Set Alarm
- ■ *FM Rec. Reserve

| ⚙ Settings |
|---|
| 🗂 Advanced |

- ■ Resume
- ■ System Info.
- ■ Scan Speed
- ■ Playback Speed
- ■ Study Mode
- ■ Delete File
- ■ Load Default
- ■ Format

\* Only for models including FM Radio function

## Menu operation

### Enter Settings Menu

**1** Press and hold the M button to display the Mode screen.
Press the ⏮ , ⏭ button to select [SETTINGS] mode.

**SETTINGS**

**2** Press the ▶/■ button to display the Settings screen.

| ⚙ Settings |
|---|
| 🔊 Sound |
| 🖵 Display |

Press the ⏮ , ⏭ button to move the Settings menu.

| ⚙ Settings |
|---|
| 🔊 Sound |
| 🖵 Display |
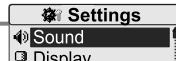
### Enter Sub Menu

**1** Press the M button to enter the sub menu screen.

| ⚙ Settings |
|---|
| 🔊 Sound |
| 🖵 Display |

| 🔊 Sound |
|---|
| ▷ SRS Setting |
| ⊙ User EQ |
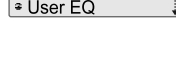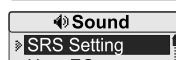
## Menu operation

### Set the menu functions

**1** Select sub-menu using by − , + button, then press the ▶/■ button to enter sub-menu setting screen.

◀》**Sound**
SRS Setting
User EQ

+06  +03  +03  0  +03
+15dB
00dB
-15dB  50  200  1K  3K  14K

**3** You can set, cancel or change sub menu setting by pressing the ⏮ , ⏭ , ▶/■ button .

+04  +02  0  +01  +02
+15dB
00dB
-15dB  50  200  1K  3K  14K
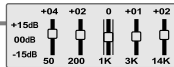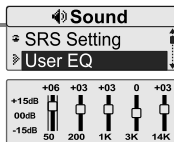
### Exit sub menu

**1** Press the M button to exit sub menu.

⚙ **Settings**
◀》Sound
⬚ Display

---

## Customizing the function settings (Menu)

### Sound

#### 1. SRS Setting

**Sets the 3D sound effect. SRS, FOCUS, TruBass, and Boost are available.**

SRS : Adjust the SRS value.
FOCUS : Adjust the sound resolution value.
TRUBASS : Adjust the TruBass value.
BOOST : Adjust the sound boost value.
Use proper boost value depends on t he earphones or headphone characteristics.

◀》**Sound**
SRS Setting
User EQ

**SRS SETTING**
⇨ SRS  ◀ 05 ▶
FOCUS  MID
TRUBASS  05

**SRS SETTING**
⇨ BOOST  ◀ 150 ▶ ▲
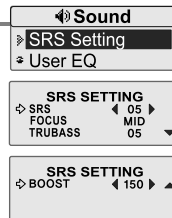
#### 2. User EQ

**You can adjust the sound to your preference.**

There are 5 band frequency steps, set from <-15dB> ~ <+15dB> by 1dB increments.

◀》**Sound**
SRS Setting
User EQ

+06  +03  +03  0  +03
+15dB
00dB
-15dB  50  200  1K  3K  14K
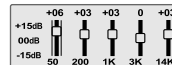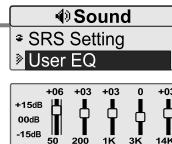
## Listening to music

### Sound

#### 3. EQ Select

**Select the EQ sound.**

You can select one of the following EQ types:
NORMAL, CLASSIC, LIVE, POP, ROCK, JAZZ, U BASS,
METAL, DANCE, PARTY, SRS, USER EQ

**◀) Sound**
≫ EQ Select
≎ Play Mode Select

**EQ SELECT**
☑ NORMAL
☐ CLASSIC
☐ LIVE
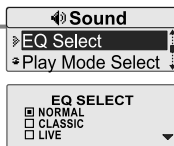
#### 4. Play Mode Select

**Select the play mode.**

**◀) Sound**
≎ EQ Select
≫ Play Mode Select

**PLAY MODE**

---
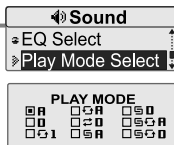
## Listening to music

### Sound

#### 5. Rec. Play Mode

**Select the play mode of recorded a file.**

**◀) Sound**
≫ REC. Play Mode

**REC. PLAY MODE**

---
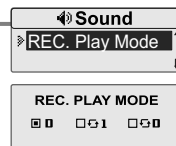
# Customizing the function settings (Menu)

## Display

### 1. Backlight

**You can adjust the time that the Backlight stays on.**

The Backlight can be set to:
<ALWAYS ON>, <5 SEC>, <10 SEC>, <30 SEC>,
<1 MIN>, <5 MIN> or <10 MIN>.

**Display**
Backlight Timer
Scroll Speed

**BACK LIGHT**
□ ALWAYS ON
□ 5 SEC ▣ 30 SEC □ 5 MIN
□ 10 SEC □ 1 MIN □ 10 MIN
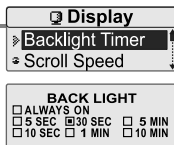
### 2. Scroll Speed

**Select scroll type and speed of the current title playback information.**

The scroll type can be set to:
<VERTICAL> or <HORIZONTAL>.
The scroll speed can be set to:
<SLOW>, <NORMAL> or <FAST>.

**Display**
Backlight Timer
Scroll Speed

**SCROLL SPEED**
◇ TYPE ◀ **VERTICAL** ▶
SPEED    NORMAL
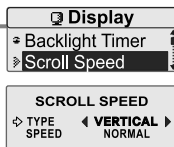
# Customizing the function settings (Menu)

## Display

### 3. Tag Info.

**While playing, you can display the information of music file by using ID3 Tag.**

You can set <ON> or <OFF> .
Off : Display track with file name

• File name will be displayed by default for songs with no ID3 information

**Display**
Tag Info.
Language

**TAG INFORMATION**
▣ ON       □ OFF

### 4. Language

**Select the language to display the file name and ID3 tag information.**

Support 40 languages.

**Display**
Tag Info.
Language

**LANGUAGE**
□ JAPANESE
▣ KOREAN
□ LATVIAN

## Customizing the function settings (Menu)

## Display

**Display**
▷ Name
◦ LCD Contrast

### 5. Name

You can input your name or custom text.

**1** Select the character by using ⏮ , ⏭ button and press ▶/■ button to input the character.

NAME
My ir
◄ o p q r s t u v w x ►
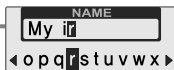
**2** To move the cursor in the name window, use − , + button.

NAME
My iriv
◄ o p q r s t u v w x ►

**3** To delete the character, press and hold − button.

To scroll between English and your preferred language, press and hold + button.

NAME
My iriva
◄ U V W X Y Z a b c d ►
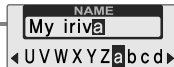
**4** Press and hold M button to save and exit.

NAME
My iriver
◄ o p q r s t u v w x ►

## Customizing the function settings (Menu)
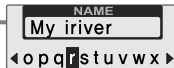
## Display

**Display**
◦ Name
▷ LCD Contrast

### 6. LCD Contrast

Adjust the LCD screen contrast.

The LCD contrast can be adjusted from <-5> to <+5>.

LCD CONTRAST

## Customizing the function settings (Menu)

## Recording

### 1. *FM Setting

<Only for models including FM Radio function>
**You can set recording quality (<HIGH>, <MIDDLE> or <LOW>) when recording FM.**

* Only for models including FM Radio function

```
Recording
> FM Setting
· Voice Setting
```

```
FM SETTING
  HIGH
  MIDDLE
  LOW
```
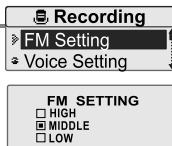
### 2. Voice Setting

**You can set recording quality (<HIGH>, <MIDDLE> or <LOW>) when recording voice.**

```
Recording
· FM Setting
> Voice Setting
```

```
VOICE SETTING
  HIGH
  MIDDLE
  LOW
```

## Customizing the function settings (Menu)

## Recording

### 3. Voice Detect

**The voice recording mode will automatically pause during silence. This is useful for recording over a long period of time to save memory.**

LEVEL : Set the relative level of sound needed to activate the recorder. (<OFF>, <01>, <02>, <03>, <04> or <05>)
TIME(SEC) : Set the number of seconds of silence to record before pausing.(<OFF>, <01>, <02>, <03>, <05> or <10>)

```
Recording
> Voice Detect
· Line-In Setting
```

```
VOICE DETECT
⇨ LEVEL        ◄ OFF ►
  TIME (SEC)        OFF
```
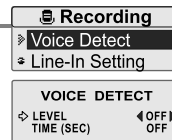
### 4. Line-In Setting

**You can set recording quality (<HIGH>, <MIDDLE> or <LOW>) when recording from external device.**

```
Recording
· Voice Detect
> Line-In Setting
```

```
LINE-IN SETTING
  HIGH
  MIDDLE
  LOW
```

# Customizing the function settings (Menu)

## Recording

### 5. Line-In Volume

**You can control volume for recording from voice.**

<0> to <31> levels are available.

```
🔊 Recording
▷ Line-In Volume
⚙ Track Separation

LINE-IN VOLUME
▬▬▬▬▬▬▬▬▬23▷
```
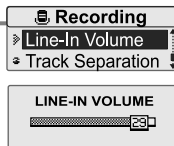
### 6. Track Separation

**While recording from external device, you can adjust the track separation time to save each track as an individual file if there is no sound part between the tracks.**

If you use the Track Separation function with connecting external devices such as CD or tape, each track will be save to an individual file.

```
🔊 Recording
⚙ Line-In Volume
▷ Track Separation

TRACK SEPARATION
▷ TIME (SEC)    ◀OFF▶
```
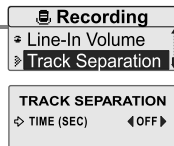
# Listening to music

## Timer

### 1. Power Off Timer

**Automatically turns the power off at the stop mode.**

Time range can be set from <1 MIN>, <2 MIN>, <3 MIN>, <5 MIN>, <10 MIN>, <20 MIN>, <30 MIN>  or  <60 MIN>.

```
⏱ Timer
▷ Power Off Timer
⚙ Sleep Timer

STANDBY POWER OFF
☑ 1   ☐ 5   ☐ 30
☐ 2   ☐ 10  ☐ 60
☐ 3   ☐ 20  (MIN)
```

### 2. Sleep Timer

**Automatically turns the power off after a fixed time.**

Time range can be set from <OFF>, <5 MIN>, <10 MIN>, <20 MIN>, <30 MIN>, <60MIN>, <120 MIN> or <180 MIN>.
OFF : Sleep timer function does not activate.

```
⏱ Timer
⚙ Power Off Timer
▷ Sleep Timer

SLEEP TIMER
☑ OFF  ☐ 20  ☐ 120
☐ 5    ☐ 30  ☐ 180
☐ 10   ☐ 60  (MIN)
```

## Customizing the function settings (Menu)

# Timer

### 3. Date & Time

**Set the current date and time.**

Press the ◄◄ , ►► button to adjust the date/time.
Press the ►/■ button to accept the changes.

**⏱ Timer**
» Date & Time
⏴ Alarm/FM Rec.

**DATE & TIME**
**2005** / 01 / 01
12:00 AM
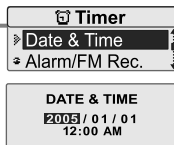
### 4. Alarm/*FM Rec.

**OFF** : The Alarm and FM Record functions are disabled and the
player will not power on at either indicated time.
**ALARM** : At the time indicated in the "Set Alarm" setting the player
will power on and begin music playback.
**\*FM RECORDING** : At the time indicated in the "FM Rec.
Reserve" setting the player will power on and begin
recording from the selected radio station.

\* Only for models including FM Radio function

**⏱ Timer**
⏴ Date & Time
» Alarm/FM Rec.

**ALARM REC. SELECT**
◉ OFF
☐ ALARM
☐ FM RECORDING
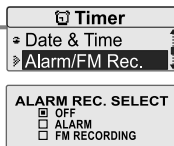
## Customizing the function settings (Menu)

# Timer

### 5. Set Alarm

**Set the alarm time.**

Press the ◄◄ , ►► button to adjust the alarm settings.
Press the ►/■ button to accept the changes.

**⏱ Timer**
» Set Alarm
⏴ FM Rec. Reserve

**SET ALARM**
**12:00** AM     **DAILY**
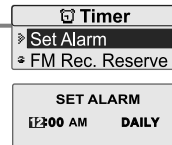
### 6. *FM Rec. Reserve

**Set the time and station to be recorded.**

\* Only for models including FM Radio function

**⏱ Timer**
» Set Alarm
⏴ FM Rec. Reserve

**FM REC. RESERV.**
**12:00** AM     **DAILY**
**87.5 MHz     120 MIN**
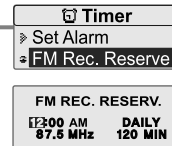
## Customizing the function settings (Menu)

## ▌Advanced

### 1. Resume

ON : Playback will resume 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.

⬢ **Advanced**
》Resume
⬢ System Info.

**RESUME**
⊙ ON     □ OFF
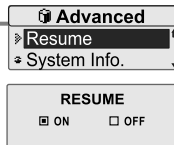
### 2. System Info.

You can check the firmware version information, free space memory and total number of tracks.

⬢ **Advanced**
⬢ Resume
》System Info.

**SYSTEM INFO**
FIRMWARE          V 1.00
FREE SPACE        215 M
TOTAL TRACKS      0050

---

## Customizing the function settings (Menu)

## ▌Advanced

### 3. Scan Speed

Adjust the speed of FF/RW(fast-forward/fast-rewind).
The Scan Speed can be set from <1X>, <2X>, <4X> or  <6X>.

⬢ **Advanced**
》Scan Speed
⬢ Playback Speed

**SCAN SPEED**
▣ 1 X      □ 4 X
□ 2 X      □ 6 X
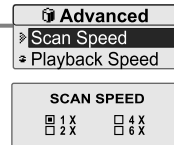
### 4. Playback Speed

Adjust the speed of playback.
The Playback Speed can be set from <-5 > to <+5>.

⬢ **Advanced**
⬢ Scan Speed
》Playback Speed

**PLAYBACK SPEED**
▭▭▭0▭▭▭
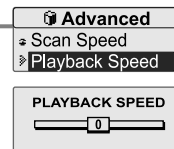
# Customizing the function settings (Menu)

## Advanced

### 5. Study Mode

**While playing, press and hold ⏪ , ⏩ button will skip the current track set time ahead.**

Time range can be set from <OFF>, <3 SEC>, <10 SEC>, <20 SEC>, <30 SEC>, <60 SEC>, <120 SEC> or <180 SEC>.
OFF : Study Mode function does not activate.

```
 Advanced
Study Mode
Delete File
```

```
STUDY MODE
OFF    20    120
3      30    180
10     60    (SEC)
```
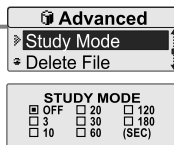
### 6. Delete File

**While playback is stopped, you can delete a file on the player. (Refer to page 29)**

When in Delete file screen, press the ⏯ button after selecting a file to delete it.
YES : Delete selected a file.
NO : Cancel the delete function.

```
 Advanced
Study Mode
Delete File
```

```
DELETE   Music
         iriver logosong.
         Entertainment.
```

```
DELETE FILE
ARE YOU SURE ?
YES        NO
```

### 7. Load Default

**Reset menus to the original factory settings.**

■ When the Load Default is done, the player will be rebooted automatically.

```
 Advanced
Load Default
Format
```

```
LOAD DEFAULT
ARE YOU SURE?
YES        NO
```
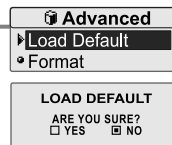
### 8. Format

**Memory is formatted and all saved files are deleted.**

Before formatting can begin, you must backup all data stored on the player.
Care must be taken as formatted files can not be recovered.

■ When the Format is done, the player will be rebooted automatically.

```
 Advanced
Load Default
Format
```

```
FORMAT
ARE YOU SURE?
YES        NO
```

*Chapter*

**5**

iriver **www.iriver.com**

## Firmware Upgrade

## Firmware Upgrade

1 **Download the latest firmware upgrade file from www.iriver.com/ support.**

2 **Unzip the firmware file (T20_MTP.HEX) and copy the file to iriver T30:\data folder on the player.**

**Disconnect the USB cable .**

3 **After the player is disconnected from the computer, firmware upgrade will automatically begin.**

*Note*

■ Before upgrading the firmware, check the condition of the battery. The firmware upgrade may fail due to battery power shortage.
■ Do not turn the player off until the upgrade is completed.
■ When the upgrade is completed, the firmware file( T20_MTP.HEX) will be deleted automatically.

## Troubleshooting
Should any problem persist after you have checked these symptoms, consult your iriver dealer or contact support at www.iriver.com.

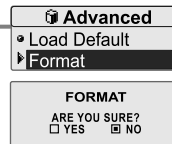| Trouble | Solution |
|---|---|
| No Power. | ■ Check whether the HOLD switch on the player is ON (Switch to OFF position)<br>■ Check the condition of the battery. Insert a fresh battery. |
| No sound or distortion during playback. | ■ Check whether VOLUME is set to "0".<br>■ Firmly connect the earphones.<br>■ Check whether the plug is dirty. Clean the plug with a dry and soft cloth.<br>■ Corrupted MP3 or WMA files may make a static noise and the sound may cut off. Listen to your files on the PC to see if they are corrupted. |
| Characters in LCD are corrupted. | ■ Check out SETTINGS→Display→Language and confirm whether the right language has been selected.(Refer to page 50) |
| Poor *FM Reception. | ■ Adjust the position of the player and earphones.<br>■ Turn off the power of other electric devices near the player.<br>■ The Earphone cord functions as the antenna, they must be plugged in for best reception. |
| Failed download of MP3 file | ■ Check the condition of the battery.<br>■ Check the connection between your computer and the player to ensure that the cable is secure.<br>■ Check whether the player's memory is full. |
| The title saved in T20 are not played. | ■ T20 supports up to 700 music files and 700 folders. |

* Only for models including FM Radio function

## Specifications

| Memory Capacity | 256 MB* | 512 MB* | 1 GB* |
|---|---|---|---|
| Model No. | T20 256MB | T20 512MB | T20 1GB |

| Category | Item | Specifications | | |
|---|---|---|---|---|
| Audio | Frequency range | 20 Hz ~ 20 KHz | | |
| | Headphone Output | (L)15 mW + (R)15 mW (16 Ohm) max. Volume | | |
| | S/N ratio | 90 dB(MP3) | | |
| | Number of Channel | Stereo (Left/Right) | | |
| **FM Tuner | FM Frequency range | 87.5 MHz ~ 108 MHz | | |
| | S/N ratio | 60 dB | | |
| | Antenna | Headphone/Earphone-Cord Antenna | | |
| File Playback | File Type | MPEG 1/2/2.5 Layer 3, WMA, OGG, ASF | | |
| | Bit Rate | MP3/WMA : 8Kbps~320Kbps, OGG : Q1~Q10 | | |
| | Tag Info | ID3 VI, ID3 V2.2.0, ID3 V2.3.0, ID 3 V2.4.0 | | |
| Recording | Max. Recording time (@32kbps) | 256 MB | 512 MB | 1 GB |
| | | Approx. 18 hours | Approx. 36 hours | Approx. 72 hours |
| General | Dimension | 58 (W) x 27 (D) x 14.3 (H) mm | | |
| | Weight | 29.8 g (Rechargeable Battery included) | | |
| | LCD | Full Graphic 3 Line with Backlight | | |
| | Language | 40 languages | | |
| | Battery | Lithium Polymer Rechargeable Battery included | | |
| | Operational Temperature | -5 ℃ ~ 40 ℃ | | |
| | Max. Playtime | Approx. 15 hours (128 kbps, MP3, Vol 20, Backlight off, EQ Normal, Battery is fully charged) | | |

* 1 MB = 1,000,000 Bytes / 1 GB = 1,000 MB = 1,000,000,000 Bytes
 Not all memory available for storage. Memory is not expandable.

** Only for models including FM Radio function

## Safety Information

### For Safety

● Avoid dropping or impacting the player.
 The player is designed to operate while walking or running, but dropping or excessively impacting the player may be cause damage.
● Avoid contacting the player with water.
 Damage to the internal parts of the player may occur if the player comes into contact with water. If your player gets wet, dry the outside with a soft cloth as soon as possible.
● Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unleveled surface, or in a car with its windows closed.
● Remove the battery if player is unused for long periods of time.
 Battery left in the player for a long time can corrode and damage the device.
● All data stored on this device may be erased by a excessive impact, a thunder or an electricity failure, etc. on the device.
 The manufacturer does not warrant and will not be held responsible in any way for damages or loss of data, including loss of data stored on this device, resulting from a excessive impact, a thunder or an electricity failure, You will be responsible for safe-guarding all data stored on this device.

### On headphones and earphones

● Road Safety
 Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headset at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
● Preventing hearing damage
 Avoid using headphones/earphones at high volume. Hearing experts advise against continuously loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.
● Consideration for others
 Keep the volume at a moderate level. This will allow you to hear outside sound and to be considerate of the people around you.

## FCC Certification

**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.**

   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.

**NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV
       INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS
       EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY
       TO OPERATE THE EQUIPMENT.**

## Memo

**Memo**

**Memo**