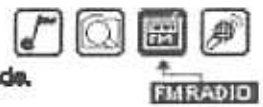
FM RADIO

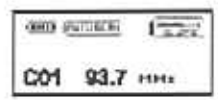
The DAP has a built-in FM tuner with auto scan and ten station memory. Besides listening to your favorite station, you can also record a song or program.

Press the [mode] button and use the [⏭] or the [⏮] button to highlight the FM Radio [FM] as shown:



Press the [⏯] button to confirm the FM Radio mode.

Setting FM Stations with Auto Scan



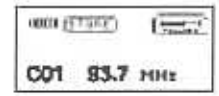
- If the (PRESET) icon is displayed in the LCD, press the [■] button to clear it.
- Press and hold the [⏯] button to begin auto scan. The (AUTO SCAN) icon will be displayed in the LCD. Each detected FM station will be stored in memory with a channel number icon from [C01] to [C10] next to the station frequency.

Note:
Each time when performing the auto scan the previously preset channels will be overwritten by new FM stations detected. Only the last 10 FM stations will remain in the memory.

Setting FM Stations Manually

- If the (PRESET) icon is displayed in the LCD, press the [■] button to clear it.
- Press the [⏭] button to increase the FM frequency. To fast forward scan, press and hold the [⏭] button. The unit will stop as each FM Station is detected.
- Press the [⏮] button to decrease the FM frequency. To fast rewind scan, press and hold the [⏮] button. The unit will stop as each FM Station is detected.

- To store each station into memory, press the [⏯] button. The (STORE) icon will be displayed.
- Press the [⏭] or the [⏮] button; a channel number will appear next to the FM frequency in the LCD for the first time setting.
- To select a different channel number, use the [⏮] or the [⏭] button.
- Press the [⏯] button to store this FM frequency in the selected channel number. (The (STORE) icon will clear from the LCD screen.)



Using the Preset Channels

- Press the [■] button to display the (PRESET) icon.
- Use the [⏭] button to select the next preset station and use the [⏮] button to select the previous preset station.

Recording a FM Radio Station

- Press the [EQ] button to start recording.
- Press the [■] button to stop recording.
- The recorded file is saved as a WAV format.

Note:
The volume is not controlled during recording.
If the signal is weak, the (STEREO) icon will disappear and the system will operate in mono.

VOICE RECORDER

Use your DAP to record quick reminder memos or even lengthy business meetings or lectures.

Press the [mode] button and use the [⏮] or the [⏭] button to highlight the Voice Recorder icon as shown.

Press the [⏯] button to confirm and enter the Voice Recorder mode.

Recording a Voice Message

- Press the [EQ] button to start recording.
- Press the [■] button to stop recording.
- The recorded file is saved as a WAV format.

Listening to the Recorded File

- Press the [⏯] button to play the recorded file.
- Press the [■] button to stop playing the file.
- Press the [⏮] button to select the previous recorded file.
- Press the [⏭] button to select the next recorded file.

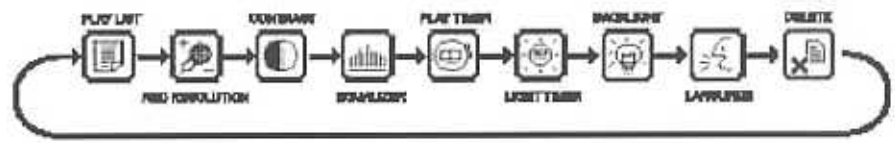
Note:
The volume is not controlled during recording.
You may select three different quality levels for recording.

USING THE SETTING MENU

The Setting Menu provides the options to change the player settings, displays, and resolution.

Press and hold the [mode] button to display the SETTING MENU on the LCD screen.

Press the [⏮] or the [⏭] button to select one of the following setting options: Play List, Recording Resolution, Contrast, Equalizer, Play Timer, Light Timer, Back Light Color, Language or Delete File. Once your selection is highlighted then press the [⏯] button to confirm.



To exit the Setting menu, press the [mode] button.

Setting Features

Play List Setting

- Press the ⏭ or the ⏮ button to select the desired file.
- Press the EQ button; a [CLEAR ITEM / CLEAR LIST] box will be displayed on the LCD screen.
- Press the ⏭ or the ⏮ button to select clear item or clear list and press the ⏯ button to confirm.
- Press the ⏭ or the ⏮ button to select [Yes / No] to clear the selection.
  Press the ⏯ button to confirm the selection.

Note:
If you have deleted or not programmed a play list, "Play list is empty" will display on the LCD screen.

Recording Resolution Setting

- Press the ⏭ or the ⏮ button to select one of the three voice recording resolution: Low, Normal, or High
- Press ⏹ button to confirm the resolution selection.

Contrast Setting

- Press the ⏭ or the ⏮ button to adjust the LCD contrast level.
- Press ⏹ button to confirm the contrast level.

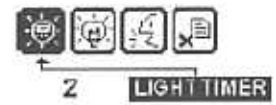
Equalizer Setting

- Press the ⏭ or the ⏮ button to select one of the six music equalizer effects: Normal, Rock, Ultra Bass, Jazz, Pop, or Classical.
- Press the ⏹ button to confirm the equalizer mode.

Play Timer Setting

- Press the ⏭ or the ⏮ button to select between ELAPSED TIME and REMAINING TIME.
- Press the ⏹ button to confirm the play timer selection.

Light Timer Setting



- Press the ⏭ or the ⏮ button to select duration of the backlight timer: 5 sec, 10 sec, 20 sec, 60 sec or Always.
- Press the ⏹ button to confirm the timer selection.

Back Light Color Setting

- Press the ⏭ or the ⏮ button to select one of the backlight colors for the LCD screen: Ocean, Forest, Rose, Grain, Sky, Lavender, or Cool.
- Press the ⏹ button to confirm the backlight color selection.

Language Setting

- Press the ⏭ or the ⏮ button to select one of the languages: English, Traditional Chinese, Simplified Chinese, Korean, or Japanese.
- Press the ⏹ button to confirm the language selection.

Delete File Setting

- Press the ⏭ or the ⏮ button to select one of the folders: Music/ folder for all the files or music files Record/ folder for all the FM or voice recording files.
- Press the ⏯ button to confirm the folder selection.
- Press the ⏭ or the ⏮ button to select [Yes/No] to delete the file.
- Press the ⏯ button to confirm to delete or not to delete the file.
- Press the ⏹ button to return or exit from the delete file folder.

ADDITIONAL INFORMATION

PRECAUTIONS

Copyright

- Making copies of MP3 tracks or files without permission is a violation of the international copyright laws.

Safety

- Vibration experienced during walking or exercising will not affect the player. However, dropping the player or dropping a heavy object on the player may result in damage or sound distortion.
- Avoid spilling any liquid onto or into the player.
- Do not leave the player in a location near extreme heat sources or in a car with the windows closed during excessive heat. Do not leave in a place subject to direct sunlight, excessive dust or sand, moisture, or rain.

FCC Warning:

- This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment in an unauthorized change or modification is made.

On Headphones and Earphones

Road Safety

- Do not use the 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 headsets at high volume while walking, especially at pedestrian in potentially hazardous situations.

Preventing Hearing Damage

- Avoid using the headphones/earphones at high volume. Hearing experts advise not to play loud music for a long period of time. If you do experience ringing in your ears, reduce the volume or discontinue use.

Consideration for Others

- Keep the volume at a moderate level. This allows you to hear the sound and still be considerate to the people around you.

CE Warning:

The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.

This unit must not be exposed to moisture or rain.

Ensure all connections are properly made before operating the unit.

This unit should be positioned so that it is properly ventilated. Avoid placing it, for example, close to curtains, on the carpet or in a built-in installation such as a bookcase.

Do not expose this unit to direct sunlight or heat radiating sources.

TROUBLE SHOOTING

Should any problem persist after you have checked these symptoms, consult your dealer or contact the support site at www.datum-digital.com

Symptom	Possible Reason	Actions
No Power	• Check whether the battery is exhausted.	• Recharge the battery.
No Sound from Earphones	• Check whether the earphones are detached from the unit.	• Re-insert the earphones again.
	• Check whether the volume is set to "minimum".	• Increase the volume.
	• Check whether the battery is exhausted.	• Recharge the battery.
	• Check whether the earphones jack is contaminated or oxidized.	• Clean the earphones jack.
	• Corrupted MP3 or WMA file.	• Download the file again.
Invalid Character On LCD	• Incorrect language setting.	• Set the correct language from the Language Setting mode.
	• The language is not supported.	• Visit our web site to check whether a new version of firmware is release.
Poor FM Reception	• Weak Signal.	• Adjust the position of player and earphones.
	• Electrical interference by other electrical appliances.	• Turn off the electrical appliances. • Walk away from interference sources.
Failed to Download or Upload of MP3/WMA/ WAV files	• Check whether the battery is exhausted.	• Recharge the battery.
	• Check the connection of the USB cable.	• Re-plug the cable at both ends.
	• Damaged USB cable.	• Replace a new USB cable.
	• Memory is full.	• Release some memory space by deleting some files.
Cannot record Voice or FM Tuner	• Memory is full.	• Release some memory space by deleting some files.

Important Notice: There are rare instances when your DAP will hang up. To reset, press and hold the ⏯ button then press the reset button.

TECHNICAL SPECIFICATIONS

Category	Item	Specification
Audio	Frequency Range	20Hz - 20KHz
	Headphone Output S/N Ratio	20mW, 16ohm (Max.Vol) 85dB (MP3)
File Support	MP3	MPEG 1/2/2.5 Layer 3
	WMA	Windows Media Audio
	WAV	ADPCM encoding
	Bit Rate	8kbps - 320kbps
	Tag Info	ID3 Tag
FM Tuner	FM Frequency Range	87.5MHz - 108 MHz
	Antenna	Headphone / Earphone Cord Antenna
Dimension		87 x 29 x 20 mm
Weight		Approximately 40gms (Battery Included)
Battery		Built-in rechargeable battery
LCD		Full Graphic with 7-Color Backlight
Language		English, Traditional Chinese, Simplified Chinese, Korean, Japanese
USB		USB 1.1
Built-In Memory		128MB or 256MB
Max. Playtime		Approx. 10 hours (128kps, MP3)
Supported OS		Win 98SE (Driver is required) Win 2000, Win ME, Win XP
Voice Recording		Approx. 9 hours (Low resolution)
Firmware Upgradeable		Yes
Operating Temperature		23°F ~ 104°F (-5°C ~ 40°C)

Specifications are subject to change without notice.

UPGRADE FIRMWARE PROCEDURE

Occasionally, new software (firmware) may be released for this unit enhancing its functionality. For more information, please go to the web site at www.dutum-digital.com for downloading procedure and downloading the latest firmware.

CARE AND MAINTENANCE

Your Digital Audio Player is a precision electronic device, and should not be subjected to rough handling or exposed to extreme temperatures or moisture. Do not use chemical agents or liquids to clean the unit, as they may damage the plastic.

Please Retain this Information for Future Reference

The manufacturer reserves the right to make any technical changes without notice in the interest of progress.

Declaration

Our company will not responsible for any mistakes in this manual. Prior notices will not be given in case of any amendments within the manual. The corresponding companies own the mentioned trademarks and names.

Microsoft Windows Media and Windows Logo are registered trademarks in the US and/or other countries. WinAmp and WinAmp logo are registered trademarks of Nullsoft Company. All other products are the trademarks or registered trademarks of their owners.

The player may lock up or temporary lose its function due to electrostatic discharge or other electrical disturbances, but it resumes its normal function by resetting the device.

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.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.