



TI= MOBILE DIGITAL RECORDER

USER MANUAL



Article TX26: 19-90030

SAFETY & USAGE PRECAUTIONS

Please read this manual carefully before using the product.

Warnings:

1. Do not attempt to open, repair or refit this product.
2. Never use the product at areas where electronic devices are forbidden, such as on an airplane.
3. Don't put the product or its parts into your mouth.
4. Do not use the device in very high humidity or places where it could be splashed by water.

Precautions:

1. Do not drop, bump or apply extreme force the device or its parts to avoid malfunctions.
2. Don't press heavily on the LCD screen to avoid damage or malfunction of the display.
3. Don't expose the device for a longer period to direct sunlight or heat sources.
4. Don't use the device in places with much dust or sand.
5. Always unplug external accessories, such as earphones, microphone, USB cables, etc. carefully
6. We won't take any responsibility for any loss or compensation caused by the use of this product.
7. No liability will be taken for any data loss during the usage or repair of the device. Please backup important records regularly.

Note: Interferences may occur on the built-in speaker when being used close to magnetic cards (credit cards, traffic cards and others).

Prohibition: It's strictly prohibited to use this product for any illegal attempts such as privacy infringement or eavesdropping, etc.

INTRODUCTION

Thank you for choosing the TIE Mobile Digital Recorder. Please read this user manual carefully to get familiar with all functions of the device.

The TX26 offers excellent cost-effectiveness and an elegant design. As a device of a new generation of professional digital recording devices, it supports multiple music playback formats. Besides it features high-quality recording (WAV and MP3), supports direct recording of telephone calls, and delivers various sound effects. We sincerely hope it lifts your enjoyment in today's digital era to a new level.

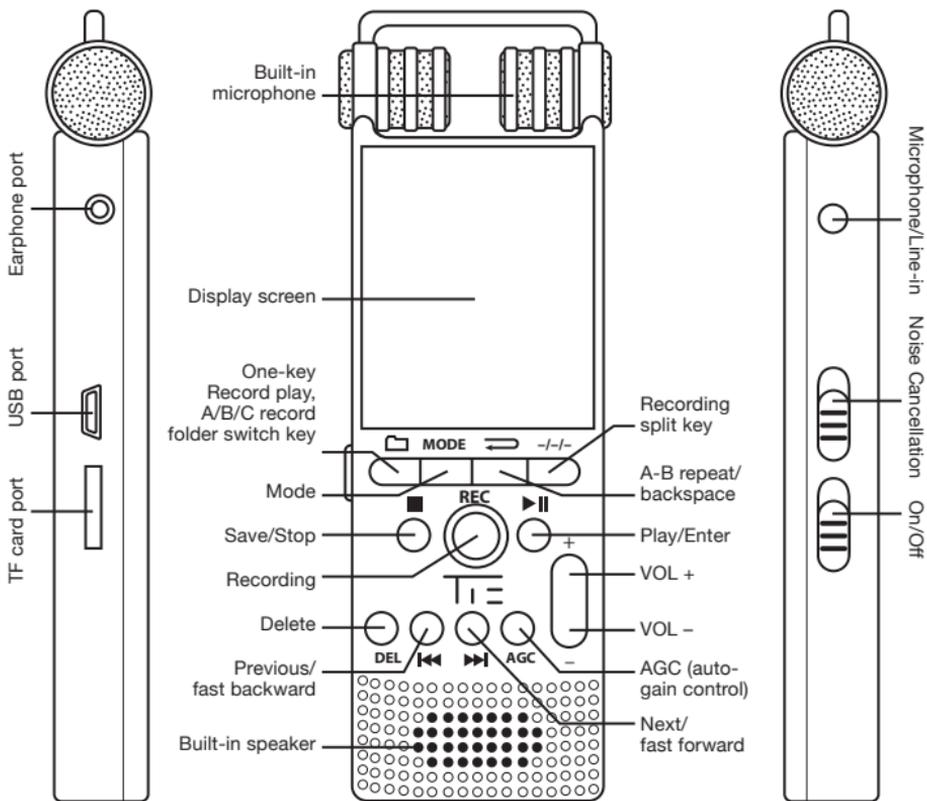
KEY FEATURES

- One-key functions for recording, playback, noise-canceling, sound split
- AGC (Auto-Gain Control) function
- 3 record folders (A, B, C)
- Recording timestamp
- VOR, Monitoring, Timing recording
- Music/Recordings/Set: 3 modes for switches, 8 choices for recording quality: from 32Kbps to 1536Kbps (default is 512Kbps)
- 8 sound effect modes: Off **NOR**, Rock **ROCK**, Funk **FUNK**, Hip Hop **POP**, Jazz **JAZZ**, Classic **CLASS**, Techno **DBB**, Custom **USER**
- Timing Switch-Off Function
- Different record formats
- Supports LINE-IN recording
- Dual-track stereo recording
- Supports recording with the built-in or an external microphone (condenser microphone)
- File management with built-in file deleting function
- A-B repeat
- Supports micro SD cards
- Driver-free operation, USB 2.0 universal port, high-speed data transfer
- Built-in speaker
- USB port can also be used as power supply for the normal use of this device
- Rechargeable, built-in polymer lithium battery (10 hours recording/playback)
- Support file encryption
- Precise alarm clock, stopwatch, calendar function

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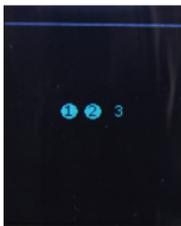
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1 APPEARANCE & DESCRIPTION OF THE OPERATING ELEMENTS



Power On

To turn the device on you have to switch the power key to **ON**. You'll enter the POWER ON interface and get to the main menu standby status. Press and hold the **▶||** button longer to switch the device from sleep status to standby status.



Power Off

Press and hold the key **▶||** longer, 1,2,3 will appear with color changed to solid blue. The recorder will enter sleep status or switch the power key to **OFF** to turn it off.

Shortcut Keys

These are smart function keys to enter a certain submenu directly. Just press one of the shortcut keys – the according function will work immediately.

- Press **REC** to start recording at any menu status immediately
- **NOISE C.**: activates/deactivates the noise-cancelling function (push upward to activate noise-cancellation, and downward to switch it off)
- **■**: shortcut key to save your recordings (press **■** and records can be saved.)
- **↔**: A-B repeat shortcut key (press **↔** to activate the A-B repeat function when playing back recorded files or music)
- **-/-**: Record split shortcut key (30-300 min adjustable, press on VOL **+** or VOL **-** for setting the time, 30 minutes intervals per press)

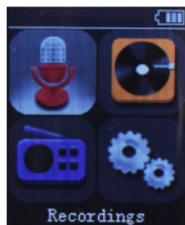
- **DEL**: DELETE shortcut key (choose the file to be deleted, then press **DEL**)
- **AGC**: shortcut key for the Automatic Gain Control (Press on **AGC**, adjust the microphone sensitivity via the key **+** / **-**)
- **📁**: One-key record play – A/B/C record folder switch key: in the main interface recorded files can be played directly with a single press on this shortcut key. A/B/C record folders (if all have files) can also be switched by pressing the shortcut key **📁** at Play/Pause status of any recorded files.
- Navigating in the main menu: in main interface and standby status, press **⏮** / **⏭** or **+** / **-** to switch between Recordings / Music / Set.

3 GENERAL OPERATION OF THE VOICE RECORDER

- Press **▶||** to confirm values or enter a menu (submenu).
- Press **⏮** / **⏭** to navigate in menus.
- Press **↶** to exit a menu or return to the previous level

For charging the recorder please connect the included USB cable between the USB port on the recorder with your PC or any other active USB charger. The power switch must be set to **ON**.

4 RECORDING MODES



Choose “Recordings” in the main interface and press to enter the menu. Navigate with / or / to choose the desired submenu and press again to confirm your setting. Press the button to return to last step (operation applies in the following).

Note: Please set the saving location before recording any files – navigate as follows:

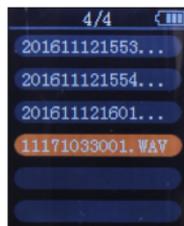
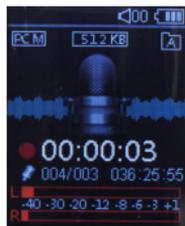
Set->Save position->Flash (or Card)->Record folder->A, B or C

– press to confirm at each step and then return to last step to finish the settings. The following recordings will be saved there. Recorded files can be found & replayed from

Set->Recordings library->A, B or C.

Please refer to the operation details as described below.

4.1 START VOICE RECORDING



Start recording: Choose the submenu “Start voice recording” in the “Recordings” menu and press to start recording or press the shortcut key in any interface status to start recording.

Pause recording: Press in recording status to pause.

Stop/Save recordings: Press in recording status to stop the recording. The recorded file can be saved automatically.

4.2 RECORDING FOLDER

The device offers the three predefined recording folders A/B/C. Choose the submenu “Record folder” from the “Recordings” menu, press to enter the menu with the 3 options A, B, C. Choose A, press to

save the file into folder A and return to the last step. Choose the folders B or C accordingly. Press  to cancel and return to the last step.

4.3 RECORDINGS LIBRARY

Choose “Recordings library” from the Recordings menu, press  to enter A, B, C. Choose A and press then  to play the file(s) in folder A. The same applies for folders B and C.

(Note: When the folders A/B/C don't contain any recorded files, then the prompt “No voice recordings found” will be displayed.)

4.4 RECORDING FORMAT

Choose one of the two available recording formats MP3 and WAV. Choose the MP3 or WAV format with Vol+, Vol-, Rewind or Forward and press  to confirm. The recording format is then set for as long as you don't change the setting. Press  to cancel and return to the last step.

4.5 RECORDING SETTINGS

4.5.1 *Recording bitrate (quality)* – Please choose the most suitable recording quality from 32Kbps up to 1536Kbps:

Recordings -> Record settings -> set record bit rate

Press  then choose the desired value. Press  to cancel and to return to the last step.

4.5.2 *VOR tracking mode:*

Recordings->record settings>Track VOR mode

Choose “VOR mode” and press  to confirm the Voice Control Recording mode. Press  to cancel and return to the last step. Default setting is Normal mode.



(Note: When choosing VOR Mode, it will end recording when the sound source level is lower than the preset VOR sensitivity, and recording timer will also be stopped. When the recording sound source exceeds the minimum level again, the device will continue to record, and it can be turned on or off as demanded.

When “VOR” is displayed on the screen VOR is activated.)

4.5.3 Sound source:

Recordings->Record Settings->Record from

– choose “Microphone” or “Line In” mode.

Microphone recording: Includes internal microphone and external microphone recording. If you’d like to activate the external microphone, just plug the microphone into the Mic port for recording.

Line In recording: Here you can connect an external audio device with the audio cable between the Mic port and the external audio device for recording.

(Note: Please adjust (test) the level of the external device to realize the ideal output signal and therefore the maximum recording quality.)

4.5.4 Monitoring setting On/Off:

With Monitoring set to “on”, you get real-time monitoring via earphones while recording.

(Note: In Microphone (external microphone) recording mode, please don’t place the connected earphones close to the microphone to avoid feedback problems (minimum recommended distance is 20 cm – or switch off the Monitoring function). Monitoring (On) is the default setting.)

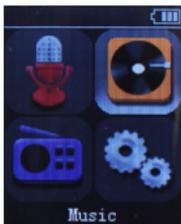
4.6 KEYS

 /  Previous/Next or Forward/Backward, methods please refer to Music playback

 /  Vol+, Vol-, refer to Music playback

 A-B repeat, refer to Music playback

5 MUSIC PLAYBACK



Choose “Music” from the main interface and press  to enter Music playback settings. Press  /  or  /  to navigate to the submenu and press  to confirm your choice. Press  to return to the last step.

5.1 MUSIC PLAYBACK

Download MP3 music song(s): Connect the USB cable between the USB port of the recorder and the USB port of your computer and download the MP3 music file(s) or MP3 music folder(s) directly to the device’s root directory or to any created folder(s) (unplug the USB cable when finished).

Play/Pause/Stop music: In MUSIC mode, press  to “All songs”. Press  again to choose the music you’d like to play or choose “Shuffle all” for random playback. Press  to play the music, press  to stop the playback.

Previous/Next, Fast forward/Fast backward: In Play or Stop status, press  /  to choose the previous or next song(s). Press the  /  buttons longer while the playback to realize Fast forward/Fast backward.

VOL+/VOL-: Adjust the volume by pressing on the  /  buttons.

5.2 PLAY MODES

When you are playing “Music/Recordings” files or the playback is currently stopped, press **MODE** to enter the submenu – choose “Play mode” then press **▶||**. Press **▶||** and choose between “Repeat off”, “Repeat 1”, “Repeat all”, “View Playing”. Press **▶||** to confirm and quit, press on **↶** to cancel and return to last step.

5.2.1 Repeat:

- ↶1** Repeat 1: Repeat the playback of the chosen file only
- ↶∞** Repeat all: Repeat all music files in the folder
- ↶I** View Playing: Play only the starting 10 seconds of all music files in the folder

5.2.2 Shuffle:

Shuffle On: Play the files in the folder randomly

Shuffle Off: Play all the files consecutively

Repeat all - Shuffle-On means playing all files randomly.

5.3 REPEAT SETTINGS

5.3.1 *A-B repeat play*: Press on A-B Shortcut key (**↶**) during playback (or choose “play mode” then press **▶||** to enter, choose “Repeat Settings”, press **▶||** to choose “Repeat mode”), press once to choose Point A, press **↶** to choose point B, then it will loop the playback between A and B. Press **↶** to quit during Repeat Play.

5.3.2 *Repeat times*: The repeat times can be set to 1-10.

Press **+** / **-** to choose repeat times, default is 5 times.

5.3.3 *Repeat Interval*: Repeat interval can be set between 1-10 seconds. Press **+** / **-** to choose the repeat interval seconds. Default value is 1 second.

5.4 SOUND SETTINGS

Choose different recording settings: Equalizer, Variable Speed Playback, Volume limit. Press **MODE** in play or stop status to choose "Sound settings". Press **▶||** to enter the desired setting.

5.4.1 Equalizer offers "Off (default)", "Rock", "Funk", "Hip Hop", "Jazz", "Classical", "Techno", "Custom" presets. Press **▶||** to confirm and quit. The relevant icon will be displayed in the music playing interface. Press **⏪** to cancel and return to last step.

5.4.2 Variable Speed Playback: There are 16 steps of playback speed (-8~+8) – 0~-8 slows down the playback more and more, 0~+8 speeds up the playback more and more, 0 for normal playback speed. Press **+** / **-** to adjust to the desired speed. Press **▶||** to confirm and quit. Press **⏪** to cancel and return to last step (i.e. invalid operations).

(Note: This function is not used for the lossless music files in APE format.)

Volume limit:

Play mode->Sound settings->Volume limit

You can level the signal volume from 0 to 30 as demanded by pressing the **+** / **-** buttons. Press **▶||** to confirm and quit, or press **⏪** to cancel and return to the last step.

5.5 BOOKMARKS

During the playback/pause of the Record/Music file, select and set bookmarks with **MODE** and **▶||**. Files can be opened directly from this point and the playback continues there the next time. One file can contain up to 10 bookmarks. You can navigate to bookmarks or delete them.

5.5.1 Add bookmark: In the playback/pause status of the Record/Music file, press **MODE**, then choose “Bookmarks”. Press **▶||** to confirm, choose “add bookmark” and then the **▶||** button again. Press **◀◀** / **▶▶** to select the relevant directory as saving position (1-10), press **▶||** at the playback point where you’d like to set and save the marker. Press **↶** to cancel and return to last step (namely invalid operations).

5.5.2 Go to bookmark: In the status playback/pause of the Record/Music file, press on **MODE** and then choose “Bookmarks”. Press **▶||**, select “Go to bookmark” and press on **◀◀** / **▶▶** to select the required directory. Press **▶||** to continue the playback from the marked position or press on **↶** to cancel and return to last step.

5.5.3 Delete bookmark: In the playback/pause status of the Record/Music file press on **MODE** and then choose “Bookmarks”. Press **▶||** and select “Delete bookmark”. Press **◀◀** / **▶▶** to select the bookmark you would like to delete and then press **▶||** to delete the bookmark and quit or press **↶** to cancel and return to last step.

6 DELETE RECORDINGS & MUSIC FILES

6.1 DELETE FILES

At play/stop/pause status (same for deleting music files), press on shortcut key **DEL**, choose “Yes” and press the **▶||** button to delete the file. Choose “No” to cancel and return to the last step.

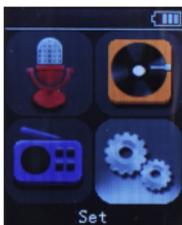
6.2 CHOOSE DELETE WAY

In the main menu interface, choose Recordings or Music to find the file you’d like to delete. Press then the shortcut key **DEL**. You can choose “Play”, “Delete” or “Delete All”. Press **▶||** and then choo-

se “Yes” to delete the current file. If “Delete All” is chosen, pressing “Yes” then deletes all files in the folder permanently. Choose “No” or press on  to cancel and return to last step.

ATTENTION: It's suggested not to delete large file(s) when the battery power is very low. You can also choose to delete the file(s) from your PC.

7 SYSTEM SETTINGS



Enter system setting mode (SET mode): In the main interface choose “SET”, press then  to enter “SET”. Press  /  or  /  to choose your submenu, press then  to confirm it. Press  to return to the last step. The same method applies to confirm other submenus.

7.1 SAVE POSITION

Flash: If you choose Flash, recording file(s) will be saved into the built-in Flash memory card. Choose “save position” submenu from the Recordings menu, and press , then choose FLASH, press  to save and return to last operation. Press  to cancel and return to last step (i.e. invalid operations).

Card: If you choose Card, then the record file(s) will be saved into the built-in TF micro SD card, operations as above (Flash).

(Note: Please also preset the position for play back music files, exactly the same operations as FLASH for TF Card. SD card is not included with the product.)

7.2 SLEEP TIMER

Set->Sleep timer->Set sleep timer –

press  to confirm, and press then  /  to choose the automatic turn-off time. 1 - 99 minutes are adjustable: for example, if you set 10 mins, the device will be automatically turned off in 10m.

Note: Sleep timer means when the device is under operations all the time or recording or playing back files, the device will be shut off unconditionally in 10m. Under standby status, the device will be switched off automatically in 5m if without any key operation. The default value is 5 mins.

7.3 DISPLAY SETTINGS

Brightness: Press the  /  buttons to choose the suitable display brightness and press  to confirm.

Backlight timer: Press the  /  buttons to choose “10 seconds”, “20 seconds”, “30 seconds” or “always on” and after that the  button to confirm.

7.4 DATE AND TIME

7.4.1 Time settings

Set time format: 12-hours or 24-hours format

Set time: Set time format first, then set the current right time, press  /  to choose the HH/MM position, press on  /  to adjust the hour or minutes, then  to confirm and return to last step.

7.4.2 Date settings

Set date format: There are 3: DD MM YYYY (day, month, year), MM DD YYYY and YYYY MM DD.

Set date: First choose the date format, then set the current right date. Press on  /  to choose the position for DD, MM, YY, press on  /  to adjust the value, then  to confirm and quit.

7.5 LANGUAGE:

Press  /  or  /  to choose the language, press  to confirm. More than 20 languages are available.

7.6 INFORMATION:

Choose “Player information”, “Disc space” or “File type supported” and press  to get the relevant information.

7.7 FORMAT DEVICE:

Press  to enter this function,  /  or  /  to choose Yes or No, press  to enter.

Warning: Please backup all important files onto your PC, all data will be deleted permanently from the device after formatting with no recovery, so do use with caution!

7.8 FACTORY SETTINGS:

Enter the setting interface, press  /  or  /  to choose Yes or No and  to confirm, Yes for Restore factory settings, No for operation cancellation and return to last step.

When switching on the device, it's not fully displayed or failure to be turned on occurs:

It's because some operations have been repeated too frequently or some wrong operations may cause the disorder of the internal programs. Formatting the recorder will help to recover it. Do download the important files of the device before formatting, as all files will be deleted during formatting.

The keys are insensitive after switching on the device

Press on  for over 3 seconds till the device has been fully activated, then conduct other key operations.

Automatic switch off seconds after being turned on / Unable to be switched on.

Please check if the battery is too low or not.

Why isn't the time shown for some songs not correct when being played?

When playing the file(s) compressed in VBR format, files with variable rate compression currently, the playing time will be inaccurate, while the playback is normal, you can solve the time display problem by just one time of fixed rate compression.

No sound when playing file(s)

Adjust the VOL+ or probably the file you play doesn't have sound information itself.

No response for key operations or display problems.

Turn off the device and reset, the problem(s) can be self-recovered.

Incorrect time display or non-conformity of playing contents occurs due to the power interruption during recording.

There's certain deviation during the recovery, especially when many fragments exist in the memory, the device will mistake them as recorded files. Please make sure no power interruption during the recording, and format the memory regularly.

Why can the memory become smaller over time?

Mainly because of the longtime use and deleting which produces fragments in the memory. Just connect to PC, backup the data, then format. Thus all space can be released.

Why is the display of the total memory in the player inconsistent with the real marked value?

We need part of the space to store the programs and word library for word display, so it's just normal the displayed total memory is smaller than the real nominal value.

Abnormity at PC terminal may occur when sometimes plugging in/out player.

Problem reason & solution: Mainly because the plug in/out of USB during the file transfer process. It's strongly recommended not to disconnect during the file transfer or formatting, so as to avoid any problems at the PC terminal.

Some MP3 songs can't be played in the player normally or the device can't be turned on.

Problem reason & solution: MP3 has 3 compression formats: MPEG I Layer 1, MPEG I Layer 2, MPEG I Layer 3. Our player can support files in various formats, while it is not compatible with MP3 songs in MPEG I Layer 1, MPEG I Layer 2 or mixed standard compression formats currently.

When you meet the MP3 song(s) with incompatible format(s), you can solve it by choosing one of the below solutions:

- a) Delete the incompatible song(s) from the player to guarantee the normal functions of the player.
- b) Compress the file yourself using the MPEG I Layer 3 compression format.

Press on REC while no recording or interruption during recording with display "Memory Full".

It means the memory is full, some unnecessary files need to be

deleted. Or connect PC, backup the files then delete or format, recording can be continued after that!

Failure to connect PC normally

- a. The connection is incorrect.
- b. Please use the data cable attached with this device.

9 SPECIFICATIONS

SPECIFICATION		REC. MODE	8GB	16GB
MP3 Rec. Format	192Kbps	Dual Track	about 96h	about 192h
	128Kbps	Dual Track	about 144h	about 288h
	64Kbps	Dual Track	about 288h	about 576h
	32Kbps	Single Track	about 578h	about 1.156h
WAV Rec. Format	1536Kbps	Dual Track	about 12h	about 24h
	1024Kbps	Dual Track	about 18h	about 36h
	768Kbps	Dual Track	about 24h	about 48h
	512Kbps	Dual Track	about 36h	about 72h
Speaker Maximum output power		1W (8ohm)		
Sound source		built-in microphone recording, external microphone recording, Line-in recording		
Recording formats		WAV, MP3		
Recommended working environment temperature		0°C-40°C		

Power supply	Built-in Polymer Lithium battery/USB
Rec. play frequency response range	200Hz-10000Hz
Compatible music format	MP3 (MPEG1/2/2.5 AUDIO LAYER 3)/WMA, etc.
Rec. distortion rate	< 10 % (with maximum volume)
Music media data flow rate	WMA: 32~192Kbps, MP3: 8~320Kbps
Display	1.8inch TFT color screen
Record time	10h
Music playback time	50h
Standby time	up to 4 months
USB standard	High-speed 2.0
Net weight	120g
Dimensions	L*W*T: 121*39*16mm

* Recording time might be changed due to the improvement of the product performance & functionality, which won't be specially notified, all based on our real product(s)!

Contents might be modified in the manual for future better service. No special notification will be made for the future change of the functions & performance.

If there's any inconsistency in the manual with the real settings or usage, please log onto our website to check the latest product update(s).

► www.tie-products.com

Brand: TIE® is a registered trademark of sonic sales GmbH.

General Importeur worldwide: sonic sales GmbH, Rembrandtstr. 1-3, 33649 Bielefeld, Germany

Electronic waste: This product underlies the guidelines of WEEE authority.

Declaration of conformity: This product has been approved for getting the CE symbol.

Articlenumber: The article TX26 is specified by the articlenumber: 19-90030

After sales support: support@tie-products.com

Designed and engineered in Germany. Made in China.