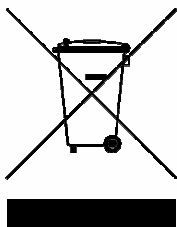




Media Player MP-470

User Manual

To ensure the smooth handling of your warranty please write the serial number of your device into the box. In the case of warranty you are expected to send it together with a copy of your invoice to your nearest TEAC sales representative.



Disposing of the Product

Your device should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

- Changes in specifications and features may be made without notice or obligation.

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- Company and product names provided herein are trademarks of their respective companies.

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Important Notice

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This device uses WMDRM software to access WMDRM-protected content. If the WMDRM software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect unprotected content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.

Safety Precautions

- Do not disassemble, repair or modify the player by yourself. Refer servicing to qualified personnel only.
- Keep the player clean and never store it close to heat sources or dirty, humid or rainy places and avoid direct sunlight.
- If the surface is dirty, please clean it with soft cloth wet with clean water or soft cleaning fluids and never clean the case with alcohol or aggressive diluents.
- Never use the player in extremely dry environment to avoid static discharging.
- Never apply heavy impact on the player like dropping it or placing it on a magnet.

Battery

- The battery used in this device may cause a fire or chemical burn if mistreated. Do not disassemble, incinerate, or heat the battery.
- Do not dispose the player in fire to avoid explosion because the player has built-in battery.
- Do not touch the player with bare hands if the built-in battery is leaking. In this case, contact service center for help since the liquid may remain in the player. If your body or clothes has been contacted with the battery liquid, wash it off thoroughly with water. Also, if some of liquid gets into your eyes, do not rub your eyes but immediately wash them with clean water, and consult a doctor.
- Do not connect the player to a power source other than that indicated in this manual or on the label as this may result in the risk of fire or electric shock.

Earphone

- Never use the player during driving a car or using other vehicles to avoid traffic accidents. This is also content of the law of some countries. Even while walking it may be dangerous especially when crossing the street. Please do not listen in extremely high volume to avoid any dangers. Wherever potential risks may arise, please do not use the player to ensure your safety.
- Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.
- Please insert the earphone prior to turn on the player, which can not only avoid damaging the earphone but keep the player in good condition also. Turn off the player when it is not used.

Connecting to a PC

- Never disconnect the player from PC during downloading, uploading and formatting to avoid failures and losses of data.
- When the player is used as removable disk, please follow strictly the given file download and upload procedures. Our company does not resume any responsibility for any data losses due to misuse.

Important

- Please charge the battery immediately when the display indicates low battery, or the device will be powered off automatically. In this case, all settings will be saved.
- Please disconnect the player from PC properly to avoid data loss.
- Battery service life may be various from different using conditions, manufacturer and manufacturing time.
- Avoid losses of data by regularly making backups of your data.
- In both power on and power off state, the player may be charged by the connection to PC via the USB line.

Note:

If the product suddenly has no response or powers off, an electrostatic discharge may be the cause. In this circumstance, please follow the procedures below for recovery:

- Turn off the unit by pushing and holding the slide button at the right (Power off position) for 15 seconds.
- Turn on the unit again

Key Features

- 2.0 inch TFT color screen, 176x220 pixels resolution
- MP3 and WMA player
- AVI video player
- JPEG picture viewer (jpg)
- Folder navigation
- FM radio
- Several equalizer modes
- Appears as removable disk on the PC
- Firmware upgradeable
- Rechargeable Lithium Polymer battery integrated
- ID3 tag display showing artist / song title / lyrics
- User specified settings
- Touchpad controls with backlight

System Requirements

- IBM PC & Compatible PC, Notebook, Apple Macintosh with USB interface
- Operating System:
Windows98SE, Windows ME, Windows2000/XP, Windows Vista
Macintosh OS X

Package Content

Please check the package for the following items. If any one of them is missing, please contact your vendor.

- MP-470 Player
- Stereo earphones
- USB cable
- Basic Operation Manual
- User Manual (on CD)
- CD with Software

Before Using

Driver

Windows2000/XP/ME/Vista, Macintosh OS X

This player is plug & play for WIN2000/XP/ME/Vista OS and Macintosh OS X.

Windows98/SE

For Windows98/SE, you are required to install a driver (available from TEAC by request) before connection.

Connect to a PC and download audio files

To connect the player with the PC for transferring files:

1. Plug the larger end of the USB cable to the USB port of the PC, and plug the smaller end to the USB port of the player.
2. **Windows:** It may take Windows several minutes to recognize and set up the device the first time it is connected depending on your hardware configuration. When the  icon appears at the right bottom of the PC screen, double click "My Computer" on the desktop, you see a removable disk, which indicates the player. Just use the removable disk as a regular local disk, copying files from or to it.

If you are using media management software such as iTunes, Winamp, or Windows Media Player, please refer to their documentation for support.

3. **Macintosh:** Open a finder window. Click on the Removable Disk icon located on the left side of the finder window. Files can be copied from/to the removable disk as usual.

Removing the player safely from the PC

Windows2000/XP

1. Left click the  icon at the right hand corner of the taskbar.
2. Click on the pop-up mini-window with message of "Safely Remove the USB Mass Storage Device – Drive (X:)".
3. When you are prompted to remove the device, pull out the player.

Windows98

Please make sure the data transfer is completed before unplugging the MP3 player.

Macintosh

1. On the left side of the Finder Window, identify the appropriate Removable Disk icon.
2. Click on the "Eject" arrow on the right of the Removable Disk icon.
3. Disconnect the USB cable from the player and your computer.



Charging the battery

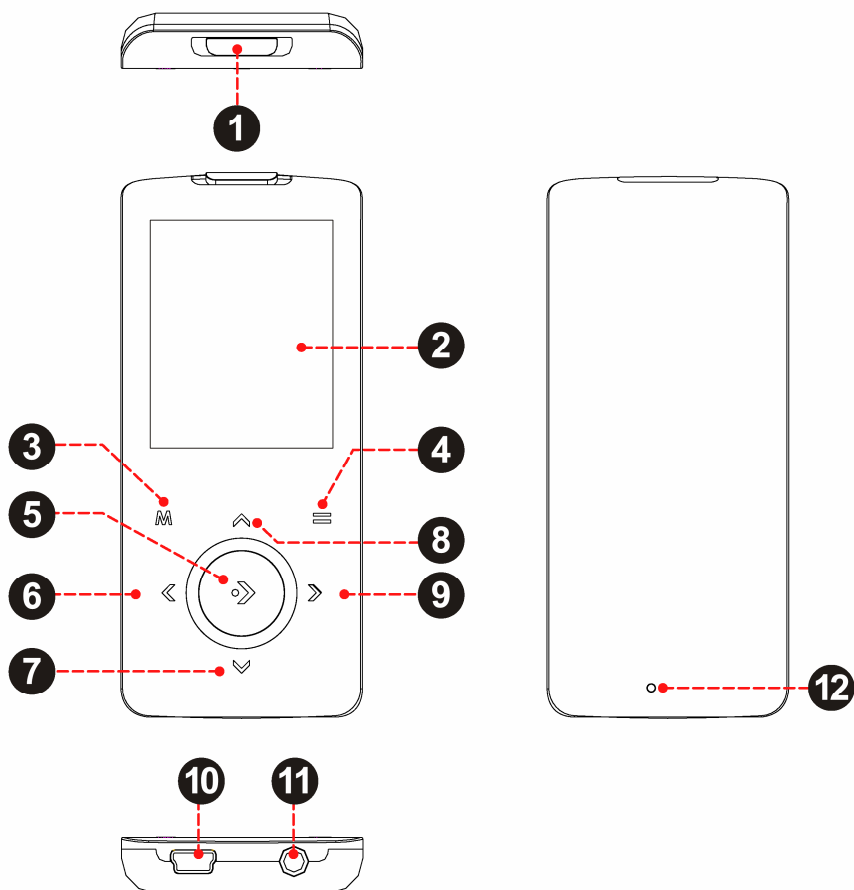
The unit is equipped with a rechargeable Lithium Polymer battery. If the icon  is displayed the battery has to be charged. Please charge the player with the provided USB cable at the PC. Upon initial use, the battery should be charged fully (12 hours) to ensure optimal performance and battery life.

To charge the battery, connect the larger end of the USB cable to the USB interface of PC, and connect the other smaller end of the USB cable to the USB interface of this player. The charging starts immediately after the connection is made.

Important:

- 1. Do not connect the player to a power source other than that which is indicated here or on the label as this may result in the risk of fire or electric shock.**
- 2. If the player gets unusually hot during charging, or you will note any strange behaviour, disconnect the player immediately from PC or charging unit and contact your local dealer.**
- 3. When connected to a USB hub, the hub must be self-powered to charge the player's battery.**

Keys Description



- ① On/Off slider / HOLD key
- ② 2.0" TFT display
- ③  Menu key
- ④  Option key
- ⑤  Play, pause, stop, Confirm
- ⑥  Previous item / Left

- ⑦  Volume down / Down
- ⑧  Volume up / Up
- ⑨  Next item / Right
- ⑩ USB interface
- ⑪ Earphone jack
- ⑫ **RESET** Reset hole

Switching On/Off

Switching On:

Move the **On/Off slider** ① to the right and hold it until the screen turns on.

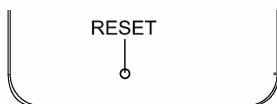
Switching Off:

Move the **On/Off slider** ① to the right until the shut off picture appears.

Key Lock

To lock the keys please move the **HOLD key** ① to the left (in the direction of the arrow) until it locks. If a key is touched, a locking symbol is shown on the display. To unlock the keys the **HOLD key** ① has to be moved to the middle position.

Reset



If the behavior of the player seems not to respond normally (usually very seldom), it can be reset with a small cylindrical pin.

In this case, the player should not be connected to a PC or charging equipment.

Hints According to User Interface

The player offers a consistent user interface. Regardless of the selected mode (music, picture viewer, video, etc.) the way of selecting menus or modes is identical.

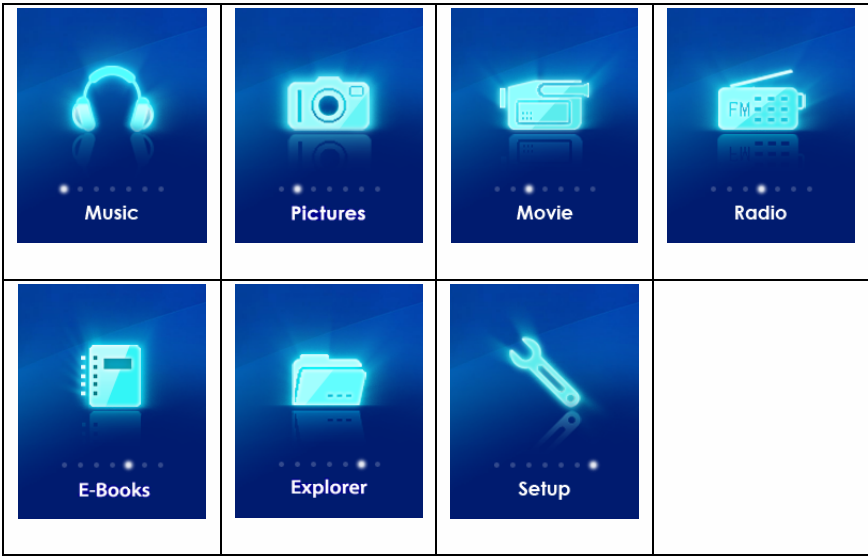
After the player is turned on, it will be in the main menu. If a function is selected, it opens the explorer window (except FM radio function). The explorer displays a list containing all available objects (songs, pictures, videos, etc.). After one of these objects was selected and the play function is started, it is possible to open a menu by touching the ☰ key, which contains all options, which are associated to the respective mode (Quick Option menu). In example in music mode the equalizer, repeat functions and some other option can be set.

Using the Touchpad Controls

Your player comes equipped with a touch-sensitive control pad. To use the controls, touch the arrow keys on the front of the player lightly just as you would a button and the controls will light up. If you touch and hold a key, it will register as a continuous button touch.

Main Menu

The main menu offers seven functions. ⏮ and ⏭ allow to navigate to the desired function. Touching ⏭ activates it. Touch and hold ⏮ until you are back in the main menu.



Explorer Key Functions

Key	Function
⏴	Move the selection down.
⏵	Move the selection up.
⏶	Display folder contents if a folder is selected. If a file is selected, activate the file (track, picture, video, text).
⏴	Return to the previous screen.
Hold 	Return to Main Menu.

Quick Option Menu Key Functions

The options associated to any of the modes can be called by touching and holding the  key.

Key	Function
⏴	Move the selection down.
⏵	Move the selection up.
⏶	Confirm a selection
⏴	Return to the previous screen.

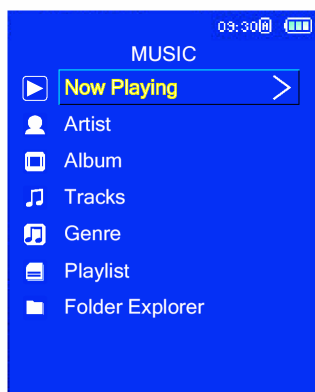
Basic Operation

Function	Operation
Play/Pause	Touch the ⏮ button to play or pause.
Adjust volume (Music, Movie, and Radio mode)	⏮: Touch: increase volume (⏮ in movie mode) Touch and hold: increase volume continuously ⏭: Touch: decrease volume (⏭ in movie mode) Touch and hold: decrease volume continuously
Previous (title, picture, video, main menu option)	Shortly touch the ⏮ button. (⏮ in movie mode)
Next (title, picture, video, main menu option)	Shortly touch the ⏭ button. (⏭ in movie mode)
Fast Forward	Touch and hold the ⏭ button. (⏭ in movie mode)
Rewind	Touch and hold the ⏮ button. (⏮ in movie mode)
Move to main menu	Touch and hold the 📁 button to display the main menu
Explorer navigation	⏮ or ⏭ allow to select an object, a folder or a file.
Return to explorer	To return to explorer from any mode, touch 📁 shortly. (Musik, Photo and E-Book mode only)
Call Quick Option menu	Touch and hold ≡ to access the quick option menus.
Confirm selection	Touch play button ⏮ to confirm and enter the selected item.
A-B Repeat	To repeat a specified section of a track during playing: 1. Shortly touch the ≡ button to select the start point (A-). 2. Touch the ≡ button again to select the end point (A-B). To stop A-B repeat, touch the ≡ button. Note: The A-B repeat function can only be used within the same track.

Playing Music

Touch and hold  until the main menu is displayed. Select with  or  "Music" and confirm with . The Music Explorer screen will appear.

Music Explorer Screen

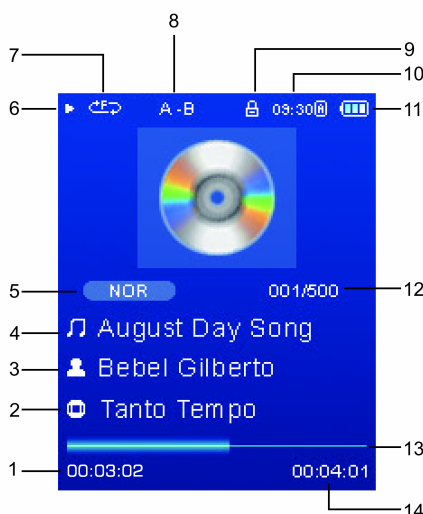


To access the Now Playing screen, select the **Now Playing** option from the main Music Explorer screen.

If your music files contain ID3 song information tags, you will be able to view your tracks by **Artist**, **Album**, or **Genre**. To view all files (including those that do not contain ID3 information), select **Tracks** or use the **Folder Explorer** option.

To use the keys please proceed as described in the paragraph "Hints According to User Interface/Explorer Key Functions".

Music Mode



- 1 Elapsed Time
- 2 Album
- 3 Artist
- 4 File Name
- 5 Equalizer
- 6 Play Status
- 7 Play Mode
- 8 A-B Repeat Indicator
- 9 Lock Icon
- 10 Time Clock
- 11 Battery Level
- 12 Current track / Total tracks
- 13 Progress Bar
- 14 Total Time

Proceed as described in the section “Hints According to User Interface/Basic Operation”.

Quick Option Menü Music

Touch and hold  to access the Quick Option menu during music playback.

Favoriten Favorite.	Add a song to your “Favorite” playlist. <i>You can access your playlists by selecting the “Playlists” option from the Music Explorer screen.</i>	
Equalizer	Normal, Classic, Jazz, Rock, Pop, Bass, SRS <i>SRS WOW® improves the dynamic audio performance of compressed and uncompressed audio by expanding the size of the audio image and creating a deep, rich bass response.</i>	
Repeat	Normal	Play all saved music files in order once.
	Repeat One	Play the current or selected file repeatedly.
	Repeat All	Play all the music files in order repeatedly.
	Random	Play all the files in random repeatedly.
Lyric	On, Off <i>The lyrics format has to be .LRC. The name of the lyrics file and the name of the music file have to be equal. Lyrics files have to be in the same folder as the associated music files.</i>	

To use the keys please proceed as described in the paragraph “Hints According to User Interface/Quick Option Menu Key Functions”.

Viewing Photos

Touch and hold  until the main menu is displayed. Select with  or  "Pictures" and confirm with . The Photo Explorer screen will appear.

To use the keys please proceed as described in the paragraph "Hints According to User Interface/Explorer Key Functions".

Hint:

You can toggle between file list browser and thumbnail presentation by **shortly** touching the  key.

Select the "ALL PICTURES" option to view all of the pictures on your player regardless of which folder they are in.

Picture Mode

To use the keys please proceed as described in the paragraph "Hints According to User Interface/Basic Operation".

Additionally there are two other key functions:

Key	Function
	Rotates the picture clockwise in steps of 90 deg.
	Start or stop slideshow mode. <i>You can change the duration of time between pictures during Slideshow mode from the Quick Option menu.</i>

Quick Option Menu Picture (Photo)

Touch and hold  to access the Quick Option menu while a picture is displayed.

Brightness	Allows to adjust brightness in five steps.	
Slideshow	Turn slideshow mode on.	
Show Timer	Set interval between the previous and the next slide in auto slide show mode.	
Zoom	Magnify the picture (Zoom In or Zoom Out). While the picture is magnified: Use the arrow keys ( ,  ,  , ) to pan around the magnified picture. Touch  to return to Normal (100%) magnification.	
Rotate	Rotates pictures selctable by 90°, 180° or 270°.	
View Mode	Adjust the orientation of the player during picture display:	
	Horizontal	Hold the player horizontally. The direction of the control keys ( ,  ,  , ) will change in this mode.
	Auto	Hold the player vertically.

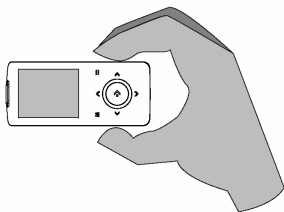
To use the keys please proceed as described in the paragraph “Hints According to User Interface/Quick Option Menu Key Functions”.

Playing Movies

Touch and hold **M** until the main menu is displayed. Select with **⏪** or **⏩** “**Movies**” and confirm with **⏵**. The Movie Explorer screen will appear.

To use the keys please proceed as described in the paragraph “Hints According to User Interface/Explorer Key Functions”.

Video Mode



When a movie is playing, hold the player horizontally.

Important Notice:

The direction of the control keys (**⏩**, **⏪**, **⏴**, **⏵**) will change in this mode:

Function	Operation
Adjust volume	⏩ : Touch: increase volume Touch and hold: increase volume continuously ⏪ : Touch: decrease volume Touch and hold: decrease volume continuously
Previous movie	Shortly touch the ⏴ button.
Next movie	Shortly touch the ⏵ button.
Fast Forward	Touch and hold the ⏴ button.
Rewind	Touch and hold the ⏵ button.

To use the other keys please proceed as described in the paragraph "Hints According to User Interface/Basic Operation".

Quick Option Menu Movie

Touch and hold  to access the Quick Option menu while a movie is being played.

Brightness	Allows to adjust brightness in five steps.
------------	--

Important: This player is only able to play AVI videos that have been converted with the provided converting tool. The converting tool can support ASF, AVI, MPG, MP4, RM, VOB files, etc.

Video Conversion

Use the video conversion software utility included on the Installation CD to create video files that are suitable for playback on the player.

Your player supports XviD-encoded AVI files with the following specifications: 220 x 176 resolution at 30 frames per second (fps).

Important notice:

The video conversion software is included for your convenience and is compatible with Microsoft Windows operating systems only. There are many other video conversion utilities available for download or purchase on the internet. Because the program is licensed free of charge, there is no warranty for the program, to the extent permitted by applicable law.

Because the program is licensed free of charge, there is no warranty for the program, to the extent permitted by applicable law.

Minimum System Requirements

OS Support: Microsoft 2000/XP/Vista (32-bit only)

CPU: Pentium class equivalent or better

Memory (RAM): > 64MB

Free HD Space: 10MB

Video: 24-bit color adapter

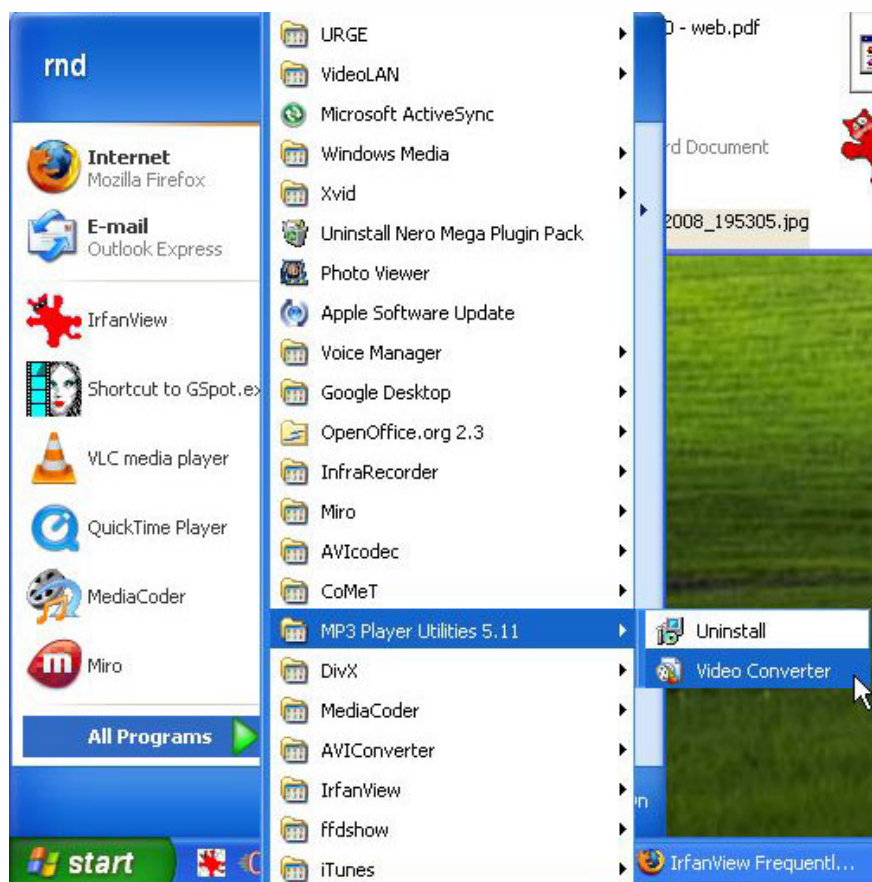
WMP: Windows Media Player 9 or better

Installation

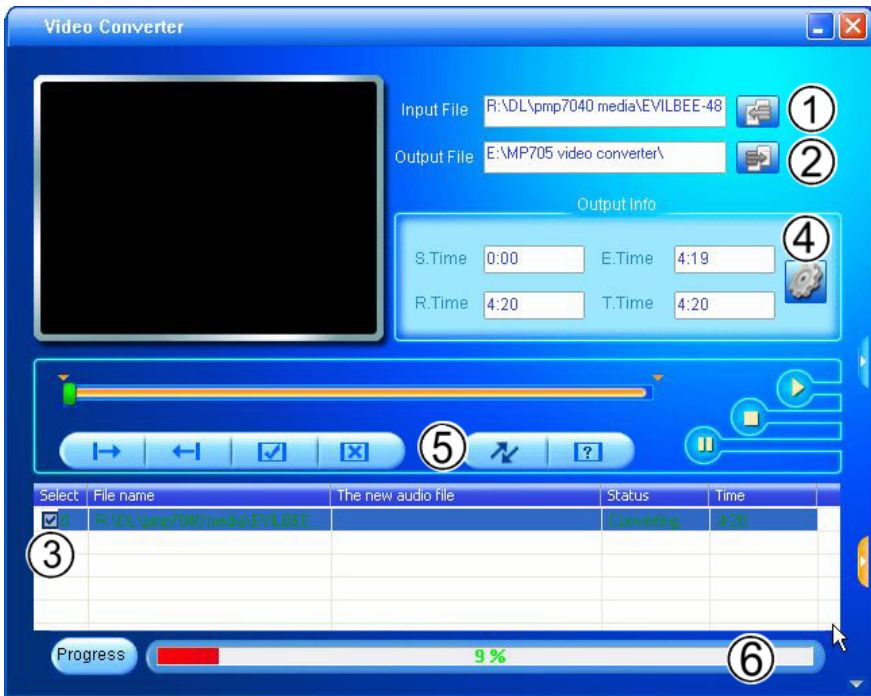
1. Locate the MP3 Player Utilities setup file on the Installation CD: **setup.exe**.
2. Double-click the file to start the installation process.
3. Follow the on-screen instructions to complete the installation process.

Converting Video

To start the program, locate the Video Converter program in your Windows Start menu.

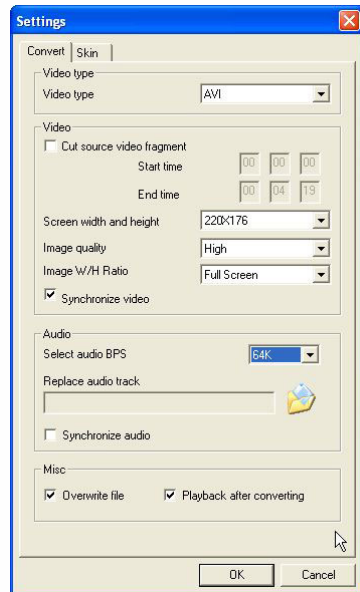


The application window shown below will appear.



1. Click the “Input File” button to select the source video file to convert.
 - The source file must be one of the following video types: AVI, RM, RMVB, MPG, MPEG, MP4, ASF, WMV, MKV, DAT, or VOB.
 - DirectX 9.0, Media Player 9.0, and other codecs must be installed to support all media types.
2. Click the “Output File” button to choose a name and location for the completed file after conversion.
3. This conversion will be added to the Job Queue. Repeat Steps 1 and 2 to continue adding conversion jobs until you are finished.

4. [Optional] Click the “Settings” button to change the conversion options. Do not change these settings if you are not familiar with digital video conversions.



5. Click the “Convert” button to begin converting all of the files in the Job Queue.
6. The progress bar displays the progress of the conversion job. When the progress bar reaches “100%”, the conversion job has been completed.

FM Radio

Important:

Earphone cable serves as an extended antenna, so please keep it plugged in.

Select "Radio" in the main menu. Then touch  to start the FM radio.

Radio Mode

Upon entering FM Radio mode, you can tune to stations manually or to preset stations.

Note: You must save preset stations prior to using preset tuning mode. See the Quick Option Menu section below for details.

- Touch  to change between tuning modes:
 - Manual: Touch  or  to tune to stations manually. To auto-seek to the next available broadcast station, touch and hold  or .
 - Preset: Touch  or  to tune to the next Preset Station. You must save Preset Stations prior to using this tuning method.
- Touch  or  to adjust the volume level.
- Touch  to mute the volume.
- Touch and hold  to access the Quick Option menu.
- Touch and hold  to return to the Main menu.

Quick Option Menu Radio

Touch and hold  to access the Quick Option menu.

Add/Delete Preset	Save or delete the current station to/from the Preset Station list.
FM Preset	View the Preset Station list. Select a preset from the list to tune to the station.
Sensitivity	Set the sensitivity of the Auto Scan feature.
Auto Scan	Scan for all stations in broadcast reception range. The player will automatically seek and save all frequencies with a broadcast signal to the Preset Station list. Note: <i>The auto scan feature will overwrite any previously stored Preset Stations.</i>
Area	Set the FM frequency range area (US/World, Europe/ Others, Japan).

Reading an E-Book

Touch and hold  until the main menu is displayed. Select with  or  “**E-Books**” and confirm with . The E-Book Explorer screen will appear.

To use the keys please proceed as described in the paragraph “Hints According to User Interface/Explorer Key Functions”.

E-Book Mode

The player can display text files with manual control or as a “slideshow” (text files automatically advance to the next page). Touch  to toggle between Auto and Manual Mode.

Manual Mode display

To display a text file, select and confirm the file from the EBook List.

Key	Function
	Skip back one line.
	Skip forward one line.
	Skip to the next page.
	Skip to the previous page.
	Return to the EBook List.

Auto Mode display

Select a file from the EBook List and touch  to confirm. Touch  to start the slideshow. Touch  again to stop the slideshow.

Note: You can change the duration of time between the text files in the Quick Options menu.

Adding a bookmark

Touch  to save the current location as a bookmark tag. “Tag has been saved!” will appear on the screen.

Quick option Menu Ebook

Touch and hold  to access the Quick Option menu.

Bookmark	Open (go to) or delete a bookmark.
Auto Page	Set the duration between pages in Auto Mode.

Explorer

Enter Explorer mode to view all folders and files loaded on your player.

Touch and hold  until the main menu is displayed. Select with  or  “**Explorer**” and confirm with . If a compatible file is selected and confirmed, the file will be played in its corresponding mode.

Music Mode: MP3, WMA

Video Mode: AVI

Photo Mode: JPEG

EBook Mode: TXT

To use the keys please proceed as described in the paragraph “Hints According to User Interface/Explorer Key Functions”.

Customized Settings

To customize the player settings:

1. In the main menu, select the **"Setup"** item and touch $\gg$ to enter the system settings mode.
2. Touch $\wedge$ or $\vee$ to select setting item. Confirm with $\gg$. Touching the key $\ll$ brings you one level up into the next menu.

Sound	Equalizer	Normal, Classic, Jazz, Rock, Pop, Bass, SRS
	Repeat	Normal: Play all saved music files in order once. Repeat One: Play the current or selected file repeatedly. Repeat All: Play all the music files in order repeatedly. Random: Play all the files in random repeatedly.
	Lyric	On, Off
Time	Sleep	Set the duration of time (in minutes) that the player will remain on when it is idle. The setting of "OFF" will disable the Power Saving feature.
	Date & Clock	Set the internal clock of the player. Touch $\wedge$ or $\vee$ to select a field to adjust. Touch $\ll$ or $\gg$ to adjust the selected field.
Display	Backlight	Adjust the duration of time (in seconds) that the backlight will remain on after a key touch. A setting of "Always On" will keep the backlight on continuously.
	Brightness	Adjust the brightness of the display.
Language	Select language in which the on-screen text is displayed	
System	Music Auto Play	When Auto Play is set to ON, you player will automatically resume playback when it wakes from standby.
	Default	Restore all of the player's settings to their factory-default state.
	Information	Information about the product

Firmware Upgrade

From time to time, TEAC may release firmware upgrades to improve the performance of the Player or to add additional features. Please check the TEAC website periodically at www.teac.de to see if new firmware has been released for your player.

If you are experiencing abnormal behavior with your player, you may choose to restore (format) your player before updating its firmware.

Before using this function, please **first** backup all data in the player. Confirm that the BATTERY charge is sufficient. Do not interrupt the firmware upgrade process – doing so could damage your player and render it inoperable. See the documentation that is included with the firmware upgrade file for detailed instructions.

Troubleshooting

Problem	Possible Cause	Solution
Cannot power on.	Battery is too low.	Charge the battery. Try charging the player overnight (8 hours).
		Re-initialize player (press reset hole with metal pin).
The player has no response when the buttons are touched.	The keys are locked.	Unlock the keys.
	Player "hangs".	Re-initialize player (press reset hole with metal pin).
Cannot be downloaded from PC.	Unsupported operating system	Ensure that your computer is running a supported operating system.
	The player is connected through a USB hub.	Try connecting the player directly to your computer.
	No connection between player and PC	Check if the USB cable is correctly connected and in good condition.
	No more free memory in the player	Delete files which were not longer needed.
No sound when playing an audio file.	The volume is too low.	Adjust the volume.
	Bad audio file.	Delete or skip the file.
The sound quality of the music is poor	Bad audio file.	Delete or skip the file.
	The bit rate of the file is too low.	The higher the bit rate of the file, the better it will sound. The minimum recommended bitrate is 128kbps for MP3s and 96kbps for WMAs
	Headphone is not connected correctly.	Ensure that the headphones are attached securely to the player.

Problem	Possible Cause	Solution
The player will not play my music file	The file format is not supported.	Skip it or reload another file.
	The file may be copy-protected and you no longer have authorization to play this file.	If you feel this is in error, please contact the service from which you downloaded the file.
Onscreen text looks weird.	Incorrect language setting.	Set in Setup/Language correct language.
		Re-initialize player (press reset hole with metal pin).
The video cannot be played.	The file format is not supported.	Make sure the video file is converted to MTV format with the provided converter tool.
	The video data is corrupted	Skip it or reload another file
The photo cannot be displayed	The file format is not supported	Try to use an image editor.
The TXT file cannot be read	The file format is not supported.	Skip it or reload another file.
Poor FM reception	Earphone is not connected to the earphone jack.	Connect the ear-phone. The earphone cord functions as an antenna.
	Electric devices near the player.	Turn off the power of the electric devices. If it is effective, move and use the player away from those electric devices.
The player has malfunctioned	Player "hangs".	Re-initialize player (press reset hole with metal pin).
	Try updating the player's firmware. Please refer to the Firmware Upgrades section of this manual for instructions.	

Technical Specifications

Item	Specification
Capacity	The MP-470 is available with several different capacities. Please refer to the values on the packaging.
Battery Type	Rechargeable Lithium Polymer-Battery
Battery Life	Up to 8 hours
LCD Display	2.0-inch colour TFT display
Audio Output	3.5mm Stereo (Headphone)
Video Format	AVI (MPEG-4 (XviD): 220x176, 30fps)
Audio Format	MP3, WMA, WAV
Photo Format	JPG
Image Resolution	176 X 220
USB Port	USB2.0
Operating Temperature	-5°C .. +40°C
Dimensions	95 mm x 42 mm x 10 mm
Weight	57 g

WARRANTY

Owner's name _____

Address _____

Dealer's name _____

Dealer's address _____

Model

Serial Number

Date of purchase _____

Warranty Period

TEAC Europe GmbH, hereinafter called TEAC, warrants this product against any defect in material and workmanship for two (2) years from the date of purchase by the original retail purchaser. According to the following terms this TEAC product will be repaired without charge of labor and materials by the authorized TEAC service stations, by the authorized TEAC dealers and/or their authorized service stations. TEAC, the authorized TEAC service stations, the authorized TEAC dealers and/or their authorized service stations may decide whether the defective product will be repaired or replaced as a whole or partially. The TEAC dependencies, the authorized TEAC service stations, the authorized TEAC dealers and/or their authorized service stations will also honor this warranty in the other EC and EFTA member states based on the terms in this warranty conditions.

What is Covered and What is Not Covered.

Except as specified below, this warranty covers any defects in materials and workmanship of this product. The following are not covered by the warranty:

1. Damage to or deterioration of the external cabinet.
2. Any unit that has been altered or on which the serial number has been defaced, modified, or removed.
3. Damage, deterioration or malfunction resulting from:
 - (a) accident, misuse, abuse or neglect;
 - (b) failure to follow instructions supplied with the product;
 - (c) any shipment of the product. Any damage arising of transportation is the liability of the freight company. Any damage arising of transportation and any implicit and explicit risks are the liability of the freight company. This is expressly not a liability of TEAC;
 - (d) repair or attempt than product defects, including lack of technical skill, competence or experience of the user. Especially damages which may arise of incidental use respectively by improper ventilation,
 - (f) damages caused by improper or incorrect installation of software,
 - (g) periodic check-ups,
 - (h) maintenance respectively repair of parts due to normal wear and tear,
 - (i) adaptations or adjustments to the product in order to conform to different national technical or safety standards of any country other than the one for which the product was originally designed and manufactured.

Who May Enforce the Warranty

This warranty may be enforced only by the original retail purchaser.

What We Will Pay For

We will pay all labor and material expenses for items covered by the warranty. Payment of shipping and insurance charge is discussed in the next section of this warranty.

How You Can Get Warranty Service

1. If your unit needs service during the warranty period, please contact the local authorized distributor for this product. If you are unable to locate such a distributor, please contact your TEAC facility at the address indicated below.
2. After identifying the nearest authorized service station for this product the product or any parts believed to be defective must be shipped freight and insurance prepaid to such service station, together with a copy of this warranty certificate and a copy of your sales receipt, showing the date of purchase. Please ensure to fill out the warranty certificate correctly (do not forget the serial number of the product). TEAC reserves the right to refuse the guarantee service if the documents are missing or incomplete in the understanding of this terms.

If the necessary repairs are covered by the warranty, and if you have sent the product or parts of it to the nearest authorized service station, the return freight and insurance charges will be prepaid.

Please do not return your unit to the TEAC factory without our prior authorization (see also RMA form)!

Limitations of Liability and Exclusion of Implied Warranties

Unless considered unenforceable or unlawful under the applicable national law:

1. TEAC's liability for any defective product is limited to repair or replacement of the product, at TEAC's option and the option of authorized service stations, authorized dealers and their authorized service stations. No one is authorized to assume any greater liability on TEAC's behalf. TEAC shall not be liable for any damage to any other properties independent of their virtual or real nature especially there is no liability for any damage to any kind of software and/or any kind of databases caused by TEAC products. Furthermore TEAC is not liable for damages arising out of loss of use, loss of revenue or profits, or any other damages, whether incidental, consequential, or otherwise.
 2. All implied warranties or conditions, including but not limited to warranties or conditions of merchantability and fitness for a particular purpose, hereby are excluded.
- These warranty terms do not affect any statutory rights of consumers which were granted by the respective national laws.

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