



# SONY MZ-N510CK High Speed Net MD Walkman Recorder Owner's Manual

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# SONY

**MZ-N510CK High Speed Net MD Walkman Recorder**



## Product Information

The MZ-N510CK is a digital audio MiniDisc system that comes with a car kit accessory for easy use in your vehicle. It also includes a remote control for easy track advancement and a bookmark function to mark sections of a disc for easy retrieval of your favorite songs. The system also includes an AC adapter for power from an outlet when a battery is not available.

The system has inputs for DC In 3V, USB (2.0 full speed), and Optical Line In (stereo mini jack). The outputs include headphones/remote (stereo mini). The system requires an AC-ES305K AC adapter (supplied), DCC-E230 Car Battery Cord (supplied), NH-7WMAA Rechargeable Battery (optional), or AA Alkaline Battery x 1 (optional) for power. The system has a battery life of up to 56 hours of continuous playback with LP4 and one AA alkaline battery.

The MZ-N510CK is silver in color and weighs 3.6 oz (103g) without a battery.

## Product Usage

1. Connect the car kit accessory supplied to the system for use in your vehicle.
2. Use the remote control supplied for easy track advancement.
3. Use the bookmark function to mark sections of a disc for easy retrieval of your favorite songs.
4. If a battery is not available, use the AC adapter supplied to power the system from an outlet.

## INSTALLATION INSTRUCTION

- CAR KIT ACCESSORIES SUPPLIED
- REMOTE CONTROL SUPPLIED
- BOOKMARK FUNCTION
- AC ADAPTOR SUPPLIED
- RECORD YOUR MP3S OR CDS AT UP TO 32X\* SPEED
- ABILITY TO RECORD FROM MULTIPLE SOURCES (PC, PORTABLE CD, HOME CD UNIT, RADIO)
- UTILIZES AFFORDABLE MD MEDIA FOR OVER 5 HOURS OF MUSIC STORAGE ON ONE 80 MINUTE

#### DISC (LP4 MODE)

- PLAYS BACK IN ATRAC3™ AUDIO, SUPPORTS MP3, WMA, WAV
- UP TO 56 HOURS CONTINUOUS PLAYBACK USING 1 “AA” BATTERY (LP4 MODE)
- INTERNAL BATTERY COMPARTMENT HOLDS 1 “AA” TYPE BATTERY
- MDLP™ LONG TIME STEREO PLAYBACK (UP TO 320 MINUTES/
- MORE THAN 5 HOURS IN LP4 MODE) OF MUSIC ON ONE 80 MINUTE DISC
- MUSIC MANAGEMENT SOFTWARE SUPPLIED
- SONICSTAGE™ SOFTWARE AND NET MD™ SIMPLE BURNER APPLICATION INCLUDED
- COMPATIBLE WITH REALONE™ PLAYER
- SKIP-FREE\*\* G-PROTECTION™ TECHNOLOGY
- “EASY SKIP” GROUP/FOLDER FUNCTION
- DIGITAL SOUND PRESET
- MULTIPLE PLAYBACK MODES
- EASY POP-UP EJECT MECHANISM
- REMAINING RECORDING/PLAYBACK AND BATTERY TIME INDICATOR ON UNIT LCD
- AUTOMATIC END SEARCH RECORDING FUNCTION



Car Remote



Car Kit Accessories

#### NEW FEATURE

## STEP-UP FEATURE



## features

**CAR KIT ACCESSORIES SUPPLIED** easily connects in vehicle for use in car

**REMOTE CONTROL SUPPLIED** for easy access to advance tracks

**BOOKMARK FUNCTION** lets you mark sections of disc for easy retrieval and playback of your favorite songs

**AC ADAPTOR SUPPLIED** provides power from an outlet when a battery is not available

- **RECORD MP3S OR CDS AT UP TO 32X\* SPEED** Net MD products provide high speed transfer of your music from your PC directly to your Net MD recorder. The title/track information you create in the jukebox automatically will be transferred to the Net MD Recorder
- **ABILITY TO RECORD FROM MULTIPLE SOURCES** including PC, portable CD player, home CD unit and radio, making this a most versatile system
- **UTILIZES AFFORDABLE MD MEDIA FOR OVER 5 HOURS OF MUSIC STORAGE ON ONE 80 MINUTE DISC** Choose your recording level preference (LP2 or LP4). Store over 5 hours of music on one 80 minute disc using LP4 mode. MiniDiscs are re-recordable, scratch-resistant, low-cost high-capacity media
- **PLAYS BACK IN ATRAC3™, SUPPORTS MULTIPLE INTERNET AUDIO FORMATS (MP3, WMA, WAV)**
- **UP TO 56 HOURS CONTINUOUS PLAYBACK USING 1 "AA" BATTERY (LP4 MODE)** is made possible by advanced technology that extends battery life beyond previous limits
- **INTERNAL BATTERY COMPARTMENT HOLDS 1 "AA" TYPE BATTERY** so there is no need for a separate battery case
- **MDLP™LONG TIME STEREO PLAYBACK (UP TO 320 MINUTES/MORE THAN 5 HOURS IN LP4 MODE) OF MUSIC ON ONE 80 MINUTE DISC** Plays back music recorded in LP2 mode for over 2 hours of music storage or in LP4 mode for over 5 hours of music storage
- **MUSIC MANAGEMENT SOFTWARE SUPPLIED** to manage and store your digital music files (MP3s and your CDs), make custom playlists and transfer music directly to your Net MD player
- **SONICSTAGE™SOFTWARE AND NET MD BURNER APPLICATION INCLUDED** SonicStage is a music management application which enables you to rip, import and transfer your digital music files to the Net MD

recorder. The Net MD simple burner application enables you to dub your CD tracks directly to your Net MD recorder using your CD-Rom drive. This gives you all the music you want without storing music on your hard drive

- **COMPATIBLE WITH REALONE™PLAYER** RealOne is a music management system which lets you download, create playlists and transfer music to your Net MD
- **SKIP-FREE\*\* G-PROTECTION™TECHNOLOGY** adds shock protection to the pick-up mechanism, thereby minimizing the loss of position. Skip-Free G-Protection technology continues to provide quick recovery from both horizontal and vertical shock
- **“EASY SKIP” GROUP/FOLDER FUNCTION** allows for easy navigation between multiple file folders transferred from playlist
- **DIGITAL SOUND PRESET** lets you recall sound quality settings you like for listening to different discs
- **MULTIPLE PLAYBACK MODES** Normal—all repeat, 1 track, 1 track repeat, shuffle, shuffle repeat, program, program repeat; Group—all repeat in a group, 1 track in a group, 1 track repeat in a group, shuffle in a group, shuffle repeat in a group, program 1 in a group, program repeat in a group; or lets you play through a MiniDisc from start to end
- **EASY POP-UP EJECT MECHANISM** makes it fast and easy to insert or remove MiniDiscs
- **REMAINING RECORDING/PLAYBACK AND BATTERY TIME INDICATOR ON UNIT LCD** alerts you to the time left on the MiniDisc for additional recording or to conclude playback, as well as information about remaining battery life
- **AUTOMATIC END SEARCH RECORDING FUNCTION** informs you, with the press of a button, how much unrecorded time remains on a disc and begins additional recording from that point

## specifications

- **FORMAT:** Digital Audio MiniDisc System
- **SAMPLING FREQUENCY:** 44.1 kHz
- **DATA COMPRESSION METHOD (CODING):** ATRAC®/ATRAC3™ (Adaptive Transform Acoustic Coding)
- **FREQUENCY RESPONSE:** 20-20,000Hz +/-3dB
- **WOW AND FLUTTER:** Unmeasurable
- **INPUTS:** DC In 3V; USB (2.0 full speed) Optical Line In (stereo mini jack)
- **OUTPUTS:** Headphones/Remote (stereo mini)
- **POWER REQUIREMENTS:** AC-ES305K AC Adaptor (supplied), DCC-E230 Car Battery Cord (supplied), NH-7WMAA Rechargeable Battery (optional), “AA” Alkaline Battery x 1 (optional)
- **BATTERY LIFE (APPROX.):**
  - **SP (Normal Stereo)**
    - 1 x “AA” Alkaline
  - **Record**
    - 10 hrs
  - **Continuous Playback**
    - 42 hrs
  - **LP2**
    - 1 x “AA” Alkaline
  - **Record**
    - 14 hrs

- **Continuous Playback**
  - 48 hrs
- **LP4**
  - 1 x "AA" Alkaline
- **Record**
  - 18.5 hrs
- **Continuous Playback**
  - 56 hrs
- **COLOR:** Silver
- **DIMENSIONS (WHD):** 3 1/4" x 1 1/8 x 3" (81.0 x 27.7 x 74.4mm)
- **WEIGHT:** 3.6 oz (103g) without battery
- **SUPPLIED ACCESSORIES:** AC-ES305K AC Power Adaptor, MDR-027LP Stereo Headphones, SonicStage™ ver 1.5 CD-Rom with Net MD Simple Burner Software, USB Cable, Car Cassette Adaptor, Car Remote Commander® Remote Control, Case with Velcro Tape, Plastic Tube
- **OPTIONAL ACCESSORIES:** POC-15AB/15B Optical Digital Cable, Active **Mini Speakers**

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- When recording in LP4 mode – results vary based on PC specifications and does not include title transfer.
- Reduces or eliminates skipping during many active uses.

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**Documents / Resources**

	<p><b><a href="#">SONY MZ-N510CK High Speed Net MD Walkman Recorder</a></b> [pdf] Owner's Manual</p> <p>MZ-N510CK High Speed Net MD Walkman Recorder, MZ-N510CK, High Speed Net MD Walkman Recorder, Speed Net MD Walkman Recorder, Net MD Walkman Recorder, MD Walkman Recorder, Walkman Recorder, Recorder</p>
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## References

-  [Sony Group Portal - Home](#)
-  [User Manual, users guide, operation instruction](#)
-  [User Manual, users guide, operation instruction](#)