

- **Small Compact Design**
 - ▲ **512MB¹ Built-In Memory with Memory Stick Duo™ Expansion Slot**
 - **Expandable Memory Using Memory Stick Duo™ Technology**
 - **Transfer Internet Downloads and CD Recordings**
 - **Connects to USB Port for High-Speed Data Transfer**
 - **USB Cradle for Easy PC Connection and Recharging**
 - **Internal Battery Provides up to 44 Hours² Continuous Playback (ATRAC3™ Playback)**
 - ▶ **Supplied Neck Strap Accessory Provides Wearable Convenience**
 - **Plays Back In ATRAC3™ Audio, Supports MP3, WMA³ and WAV**
 - **Music Management Software Supplied**
 - **Backlit LCD Display with 4 Modes**
 - **Skip-Proof Design—No Moving Parts**
 - **Group/Folder Function**
- ▲ **Step-up Feature** ▶ **New Feature**



Shown in USB Cradle



Memory Stick Duo™ Adaptor and Media
(sold separately)
64MB (61MB available)
128MB (123MB available)



NW-MS90D

Network Walkman® Digital Music Player

features

- **Small Compact Design** fits comfortably into the palm of a hand or is easily carried in pocket or purse.
- ▲ **512MB¹ Built-In Memory With MagicGate™ Memory Stick Duo™ Expansion Slot** The Network Walkman player comes equipped with 512MB¹ of embedded memory which provides 340 songs⁴ on the device.
- **Expandable Memory Using MagicGate™ Memory Stick Duo™ Technology** The Network Walkman device comes with a Memory Stick Duo media expansion slot that allows you to take along even more music. An optional Memory Stick Duo media is offered in 64MB and 128MB capacity.
- **Transfer Internet Downloads and Recordings** between your CDs and your PC, creating your own music mixes for on-the-go enjoyment.
- **Connects to USB Port for High-Speed Data Transfer** After music mixes have been created in the jukebox, they are easily transferred at super fast speed to the device.
- **USB Cradle for PC Connection and Recharging** Connects unit directly to PC and recharges the internal battery by simply placing the Network Walkman® player in the USB cradle when cradle is powered by supplied AC adaptor.
- **Internal Battery Provides Up to 44 Hours² Continuous Playback (ATRAC3™ Audio Playback)** and can be charged in the supplied charging stand.
- ▶ **Supplied Neck Strap Accessory Provides Wearable Convenience**
- **Plays Back in ATRAC3™ Audio, Supports Multiple Internet Audio Formats (MP3, WMA³, WAV)** The Network Walkman player plays back ATRAC3 and ATRAC3plus™ files and supports the most popular Internet Audio formats.
- **Music Management Software Supplied** Import, manage and easily transfer your digital music collections with the supplied music management software.
- **Backlit LCD Display with 4 Modes** depending on the mode chosen, display will feature track number, bit rate, elapsed time, song title, artist name, spectrum analyzer, play mode and bass/AVLS/battery life indicator.
- **Skip-Proof Design with No Moving Parts** for uninterrupted playback even while carrying the Network Walkman player during active uses.
- **Group/Folder Function** Allows for easy navigation between multiple file folders transferred from playlist.

specifications

- Outputs:** Headphone (stereo mini jack)
Input: USB Cradle Connector
Power Requirements: Embedded Rechargeable Ni-MH Battery
Battery Life (Approx.):
ATRAC3plus™ Audio Playback: 36 Hours with Embedded Ni-MH Battery
ATRAC3 Audio Playback: 44 Hours with Embedded Ni-MH Battery
Color: Silver
Dimensions (WHD): 1 1/2" x 2" x 3/4" (36.4 x 48.5 x 18mm)
Weight: 2 oz (54g)
Supplied Accessories: SonicStage® Software, Headphones, Headphone Extension Cord, Neck Strap, Carrying Pouch, USB Cable, USB Cradle, AC Power Adaptor
Optional Accessories: MSH-M64A, MSH-M128A

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.

¹ 512MB = 536,870,912 bytes, a portion of which is used for data management functions.

² Actual battery life may vary based on usage patterns.

³ Non secured WMA files.

⁴ Calculated based on 4 minutes per song @ 48kbps.

SONY

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