

# WM-EX190

## WALKMAN® STEREO CASSETTE PLAYER

- MEGA BASS® SOUND SYSTEM
- UP TO 24 HOURS EXTENDED BATTERY LIFE
- LED BATTERY INDICATOR
- STEREO CASSETTE PLAYBACK
- NEW SLIM DESIGN
- ANTI-ROLLING MECHANISM
- AUTOMATIC SHUT-OFF IN PLAYBACK MODE
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- HIGH PERFORMANCE STEREO HEADPHONES
- SUPPLIED BELT CLIP

WALKMAN



## WM-EX190

### FEATURES

- **MEGA BASS® SOUND SYSTEM** produces deeper, richer bass tones for more pleasing overall sound
- **UP TO 24 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** is made possible by advanced technology that allows extended battery life beyond previous limits
- **STEREO CASSETTE PLAYBACK** lets you play your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** is a dramatically improved tape transport mechanism that maximizes sound reproduction even when the unit is in motion
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **HIGH PERFORMANCE STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range with excellent sound
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip
- **BELT CLIP SUPPLIED** allows Walkman unit to clip onto belt, leaving hands free for other activities

### SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20–18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

NC-6WM Rechargeable battery (optional)

AC 120V 60Hz w/optional AC Adaptor

**BATTERY LIFE (APPROX.):** Tape playback: 24 hours w/Sony "AA" alkaline batteries

**COLOR:** Silver with Blue

**DIMENSIONS (WHD):** 3 1/2" x 4 3/8" x 1 1/2"

(88.5 x 111.5 x 37.6mm)

**WEIGHT:** 6 1/2 oz (185g) with batteries

**SUPPLIED ACCESSORIES:** MDR-023 Stereo Headphones, Belt Clip

**OPTIONAL ACCESSORIES:** NC-6WM Rechargeable Battery

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# SONY

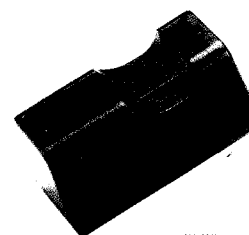
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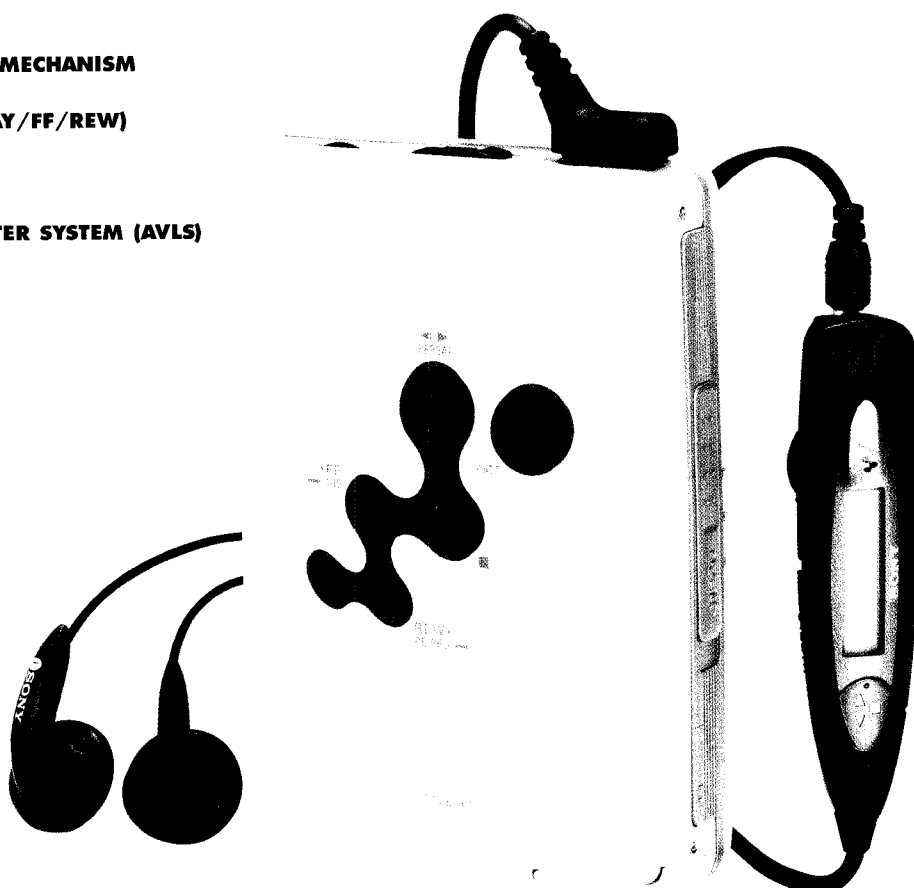
# WM-EX615

## WALKMAN® STEREO CASSETTE PLAYER

- CASSETTE SIZE CASE
- FEATHER TOUCH CONTROLS
- REMOTE CONTROL SUPPLIED
- RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED
- UP TO 60 HOURS PLAYBACK WITH INTERNAL RECHARGEABLE BATTERY AND 1 "AA" BATTERY
- UP TO 44 HOURS EXTENDED BATTERY LIFE (1 "AA" ALKALINE BATTERY)
- DOLBY® B NOISE REDUCTION
- 16X FAST FORWARD/REWIND
- AUTO REVERSE TAPE PLAYBACK
- MEGA BASS® SOUND SYSTEM WITH GROOVE SOUND POSITION
- AUTOMATIC MUSIC SENSOR™ FEATURE (AMS) UP TO 9 SONGS
- BLANK SKIP
- 1 SONG REPEAT
- ADVANCED ANTI-ROLLING MECHANISM
- AUTOMATIC SHUT-OFF (PLAY/FF/REW)
- LCD MENU DISPLAY
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)



BATTERY & CHARGER



## WM-EX615

### FEATURES

- **CASSETTE-SIZE CASE** has high-tech styling and is virtually the same dimensions as a cassette itself, making it very easy to carry and hold
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **REMOTE CONTROL SUPPLIED** with Jog Dial™ is in-line with headphones for convenience and offers direct access to all of the unit's major functions
- **RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED** providing greater convenience compared to disposable batteries
- **UP TO 60 HOURS PLAYBACK WITH INTERNAL RECHARGEABLE BATTERY AND 1 "AA" BATTERY** extends battery-powered playback enjoyment well beyond previous time limits
- **UP TO 44 HOURS EXTENDED BATTERY LIFE (1 "AA" ALKALINE BATTERY)** is made possible by highly advanced technology
- **DOLBY® B NOISE REDUCTION** in playback mode eliminates distracting tape hiss from a wider range of pre-recorded tapes
- **16X FAST FORWARD/REWIND SPEED** lets you hear sound at up to 16 times normal speed while the player is in fast-wind mode, to help locate specific selections on the tape
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **MEGA BASS® SOUND SYSTEM WITH GROOVE SOUND POSITION** provides Mega Bass® for deeper, richer bass tones, and Groove Sound for contemporary music that virtually doubles the bass response compared to regular Mega Bass®
- **AUTOMATIC MUSIC SENSOR™ FEATURE (AMS)** skips forward or backward on the tape to locate and play up to 9 songs
- **BLANK SKIP** feature allows Walkman to Skip the blank (soundless) portions at the end of music, reverse to the other side, and start playback
- **1 SONG REPEAT** provides for repeated playing of a single selection on the cassette
- **ADVANCED ANTI-ROLLING MECHANISM** is a dramatically improved tape transport mechanism that maximizes sound reproduction even when the unit is in motion
- **AUTO SHUT-OFF (PLAY/FF/REW)** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **LCD MENU DISPLAY** lets you see available options for operation before making a selection
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **CARRYING POUCH** for convenient transport and storage of Walkman
- **ADVANCED STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and are Mega Bass® compatible, to provide wide dynamic range and excellent sound

### SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** 5mW/channel x 2 (@16 ohms)

**POWER REQUIREMENTS:** DC 1.5V "AA" x 1 battery (optional)

DC 1.5V NC-6WM internal rechargeable battery (supplied)

**BATTERY LIFE (APPROX.):** Up to 60 hours w/Sony NH-6WM internal rechargeable battery plus "AA" battery x 1

Up to 44 hours w/Sony "AA" alkaline battery x 1

**COLOR:** White/Blue

**DIMENSIONS (WHD):** 3" x 4 1/4" x 1 3/16"

(77.1 x 108.6 x 20.6mm)

**WEIGHT:** 5 2/3 oz (160g) w/out batteries

**SUPPLIED ACCESSORIES:** MDR-E805SP stereo headphones, RM-WME23 Remote

Controller, BC-7DC Battery Charger, NC-6WM Rechargeable Battery, Battery Carrying Case, Carrying Pouch

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## SONY®

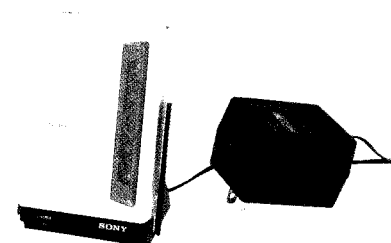
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# WM-EX2000

**WALKMAN® STEREO CASSETTE PLAYER**

- SUPER THIN CASSETTE SIZE
- EASY JOG OPERATION
- HIGH PERFORMANCE HEADPHONES (MDR-E806SP)
- BATTERY CHARGING STAND SUPPLIED (BCA-WM1)
- LONG BATTERY LIFE (UP TO 50 HOURS WITH INTERNAL RECHARGEABLE BATTERY)
- MEGASURROUND™ (●) SOUND FUNCTION
- NEW WIRED REMOTE CONTROL WITH BACKLIT LCD (RM-WME23L)
- BATTERY LEVEL INDICATOR ON REMOTE LCD
- AUTO REVERSE TAPE PLAYBACK
- DOLBY® B NOISE REDUCTION
- ADVANCED ANTI-ROLLING MECHANISM
- 36X FAST FORWARD/REWIND SPEED
- AUTOMATIC MUSIC SENSOR™ FEATURE (AMS) UP TO 9 SONGS
- BLANK SKIP
- 1 SONG REPEAT
- AUTOMATIC TAPE SELECTOR
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- BATTERY CARRYING CASE
- RECHARGEABLE BATTERY (NH-14WM)



RECHARGEABLE BATTERY AND STAND



## WM-EX2000

### FEATURES

- **HIFI TAPE HEAD** uses the same material as in home cassette decks, and has a micron-fine head gap for higher sound quality
- **SUPER THIN CASSETTE SIZE** has high-tech styling and is virtually the same dimensions as a cassette itself, making it very easy to carry and hold
- **EASY JOG OPERATION** lets you move quickly through the tape and perform other available functions with a press of the jog lever, then select desired songs or operations with just another press
- **HIGH PERFORMANCE HEADPHONES (MDR-E806SP)** are Sony MDR (Micro Dynamic Receiver™) type and are Mega Bass™ compatible, to provide wide dynamic range and excellent sound
- **BATTERY CHARGING STAND SUPPLIED (BCA-WM1)** offers a convenient place to hold your Walkman while the battery is recharging
- **LONG BATTERY LIFE (UP TO 50 HOURS WITH INTERNAL RECHARGEABLE BATTERY)** extends battery-powered playback enjoyment well beyond previous time limits
- **MEGASURROUND™ (L) SOUND FUNCTION** offers the dramatic sense of presence provided by Surround Sound with the deeper, richer bass tones of Sony Mega Bass™
- **NEW WIRED REMOTE CONTROL WITH BACKLIT LCD (RM-WME23L)** is in-line with headphones for convenience, and offers direct access to all of the unit's major functions
- **BATTERY LEVEL INDICATOR ON REMOTE LCD** provides visible indication of battery power
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **DOLBY® B NOISE REDUCTION** in playback mode eliminates distracting tape hiss from a wider range of pre-recorded tapes
- **ADVANCED ANTI-ROLLING MECHANISM** is a dramatically improved tape transport mechanism that maximizes sound reproduction even when the unit is in motion
- **36X FAST FORWARD/REWIND SPEED** lets you hear sound at up to 36 times normal speed while the player is in fast-wind mode, to help locate specific selections on the tape
- **AUTOMATIC MUSIC SENSOR™ FEATURE (AMS)** skips forward or backward on the tape to locate and play up to 9 songs
- **BLANK SKIP** feature allows Walkman to Skip the blank (soundless) portions at the end of music, reverse to the other side, and start playback
- **1 SONG REPEAT** provides for repeated playing of a single selection on the cassette
- **AUTOMATIC TAPE SELECTOR** provides optimum playback of all major tape types including CrO<sub>2</sub>/Metal
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **BATTERY CARRYING CASE** for convenient storage and transport of extra battery
- **RECHARGEABLE BATTERY (NH-14WM)** provides greater convenience compared to disposable batteries

### SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** 5mW/channel x 2 (@16 ohms)

**POWER REQUIREMENTS:** DC 1.5V "AA" x 1 battery

DC 1.5V NH-14WM internal NiMH rechargeable battery

AC 120V 60Hz w/optional AC Adapter

**BATTERY LIFE (APPROX.):** Up to 50 hours w/Sony NH-14WM internal rechargeable battery

**COLOR:** Silver

**DIMENSIONS (WHD):** 3" x 4 1/4" x 3/8"  
(76.3 x 108.4 x 17.5mm)

**WEIGHT:** 5 oz (145g) with batteries

**SUPPLIED ACCESSORIES:** MDR-E806SP stereo headphones, RM-WME23L Remote Controller, BCA-WM1 Battery Charging Stand, NH-14WM Rechargeable Battery, Carrying Pouch, AC-E455 AC Adapter

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# SONY®

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1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

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# WM-D6C

## WALKMAN® STEREO CASSETTE PLAYER/RECORDER

- PROFESSIONAL QUALITY STEREO RECORDING AND PLAYBACK
- LASER AMORPHOUS TAPE HEAD
- QUARTZ LOCK SYSTEM
- DISC DRIVE MECHANISM
- DOLBY® B AND C NOISE REDUCTION
- MANUAL RECORDING LEVEL CONTROL
- LED PEAK RECORDING LEVEL METER

WALKMAN



# WM-D6C

## FEATURES

### THE ESSENTIALS

- Stereo recording and playback capability
- Professional quality with a full range of features

### ENGINEERED FOR EXCELLENT SOUND

- Laser Amorphous tape head for extended dynamic range
- Quartz lock system dramatically reduces "wow" and "flutter" to 0.04%
- Dolby® B and C noise reduction for the highest quality recording and playback
- Disc drive mechanism maintains steady tape speed when unit is in motion
- Ultra-light MDR stereo headphones for wide frequency response, excellent sound
- Versatile input and output jacks for hook up to home hi-fi systems and external microphones

### EASY-TO-USE CONTROLS

- Manual recording level control provides optimum sound reproduction
- LED meter to set optimum stereo recording levels
- Three-position tape selector for normal, CrO<sub>2</sub>, and metal tape

### THREE-WAY POWER SUPPLY

- Batteries "AA" x 4 (Alkaline) for approximately 4 hours of tape playing time (batteries not included)
- Optional AC adaptor
- DC with optional Car Battery Cord

## SPECIFICATIONS

**TAPE SYSTEM:** 4 Track, 2 Channel Stereo

**FREQUENCY RESPONSE:** 40 - 15,000Hz

**INPUTS:** AC/DC-In (6V), Mic Jack

**OUTPUTS:** Headphone Mini Jack

Line-out Stereo Mini Jack

**POWER REQUIREMENTS:** "AA" x 4 Batteries (Alkaline)

AC-D4L AC Adaptor (optional)

DCC-127A DC Car Battery Cord (optional)

**BATTERY LIFE:** Approx. 4 hrs. of playing time (batteries not supplied)

**DIMENSIONS (WHD):** 6¼" x 1½" x 3¼"

(181 x 40 x 95mm)

**WEIGHT:** 1 lb. 7oz. (652g)

**COLOR:** Black

**SUPPLIED ACCESSORIES:** Case

MDR Stereo Headphones

Connection Cord

**OPTIONAL ACCESSORIES:** AC-D2M AC Adaptor

DCC-70 Car Battery Cord External Microphone

LC-WMSPU/B SportsPack™ Carrying Belt

BPK-800 NiCad Batteries and Charger

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# SONY®

Sony Electronics Inc.  
Sony Drive, Park Ridge, New Jersey 07656

C5142  
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# WM-FX195

**WALKMAN® AM/FM STEREO CASSETTE PLAYER**

- AM/FM STEREO TUNER
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- STEREO CASSETTE PLAYBACK
- NEW SLIM DESIGN
- LED BATTERY INDICATOR
- LARGE TUNING SCALE
- ANTI-ROLLING MECHANISM
- AUTOMATIC SHUT-OFF IN PLAYBACK MODE
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- HIGH PERFORMANCE STEREO HEADPHONES
- BELT CLIP



## WM-FX195

### FEATURES

- **AM/FM STEREO TUNER** lets you listen to a wide variety of radio music and talk programs through your Walkman™
- **UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **NEW SLIM DESIGN** has high-tech styling and is virtually the same dimensions as a cassette itself, making it very easy to carry and hold
- **LED BATTERY INDICATOR** provides a visible alert when battery power is low
- **LARGE TUNING SCALE** has wide spacing between numerical markers affording greater ease and precision in locating center of frequencies
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and sound
- **HIGH PERFORMANCE STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range and excellent sound
- **BELT CLIP** allows Walkman to clip onto belt, leaving hands free for other activities

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 25 hours w/Sony alkaline batteries  
FM Reception: 55 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 5/8" x 1 3/8"  
(89.1 x 117.7 x 35.5mm)

**WEIGHT:** 7.7 oz (220g) with batteries

**SUPPLIED ACCESSORIES:** MDR-026 Stereo Headphones, Belt Clip

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## SONY

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www.sony.com

Printed in USA 2/2001

# WM-SR1

**WALKMAN® AM/FM**

**STEREO CASSETTE PLAYER/RECORDER**

- STEREO CASSETTE RECORDING
- UP TO 24 HOURS OF PLAYBACK ON 2 "AA" BATTERIES
- TWEETER/FULL RANGE 2 WAY SPEAKER
- MEGA BASS® SOUND SYSTEM
- AM/FM STEREO TUNER
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- ANTI-ROLLING MECHANISM
- STEREO HEADPHONES SUPPLIED
- MIC STAND
- BELT CLIP

**WALKMAN**



## WM-SR1

### FEATURES

- **STEREO CASSETTE RECORDING** offers the flexibility of recording as well as playing cassettes with full stereo sound
- **UP TO 24 HOURS OF PLAYBACK ON 2 "AA" BATTERIES** is made possible by advanced technology that allows extended battery life beyond previous limits
- **TWEETER/FULL RANGE 2 WAY SPEAKER** lets you hear rich, wide range sound without headphones
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **AM/FM STEREO TUNER** lets you listen to a wide variety of radio music and talk programs through your Walkman™
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound reproduction even when the unit is in motion while walking or during use in other activities
- **STEREO HEADPHONES SUPPLIED** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range with excellent sound
- **MIC STAND** provides a steady pedestal for external microphone
- **BELT CLIP** allows Walkman to clip onto belt, leaving hands free for other activities

### SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**INPUTS:** DC-In jack 3V

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

NC-6WM Rechargeable battery (supplied)

AC 120V 60Hz w/optional AC Adaptor

**BATTERY LIFE (APPROX.):** Tape playback: 24 hours w/Sony "AA" alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 5/8" x 1 5/8"  
(88.8 x 118.6 x 41.6mm)

**WEIGHT:** 7 1/4 oz (205g) with batteries

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Printed in USA 1/99

# WM-FX241

## WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER

- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- MEGA BASS® SOUND SYSTEM
- 40 STATION PRESET TUNING (30FM/10AM)
- DIRECT BAND SELECTOR
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- STEREO CASSETTE PLAYBACK
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- NEW COMPACT DESIGN
- CARRY CASE WITH BELT CLIP



# WM-FX241

## FEATURES

- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **40 STATION PRESET TUNING (30FM/10AM)** offers convenient one-button tuning of your choice of 40 FM stations and 10 AM stations
- **DIRECT BAND SELECTOR** allows tuning any station by its broadcasting frequency
- **UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE PLAYBACK CAPABILITY** with tape selector switch for Normal or CrO<sub>2</sub>/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip
- **CARRYING CASE WITH BELT CLIP** lets you conveniently "wear" your Walkman® while walking or during other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape

- **HIGH PERFORMANCE STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range and excellent sound

## SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 25 hours w/Sony alkaline batteries

FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 1/2" x 1 3/8"

{91.4 x 115.5 x 35mm}

**WEIGHT:** 7 1/8 oz (225g) with batteries

**SUPPLIED ACCESSORIES:** MDR-026LP Stereo Headphones, Carry Case with Belt Clip

**OPTIONAL ACCESSORIES:** AC-E30HG AC Adapter, DCC-E230 Car Battery Adapter

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www.sony.com

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# WM-FX281

**WALKMAN® DIGITAL TUNING TV/WEATHER  
AM/FM STEREO CASSETTE PLAYER**

- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- MEGA BASS® SOUND SYSTEM
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- DIRECT BAND SELECTOR
- UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- STEREO CASSETTE PLAYBACK
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- NEW COMPACT DESIGN
- CARRY CASE WITH BELT CLIP



# WM-FX281

## FEATURES

- **TV TUNER & WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **40 STATION PRESET TUNING (30FM/10AM)** offers convenient one-button tuning of your choice of 40 FM stations and 10 AM stations
- **DIRECT BAND SELECTOR** allows tuning any station by its broadcasting frequency
- **UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE PLAYBACK CAPABILITY** with tape selector switch for Normal or CrO2/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip
- **CARRYING CASE WITH BELT CLIP** lets you conveniently "wear" your Walkman® while walking or during other activities

- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **HIGH PERFORMANCE STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range and excellent sound

## SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 32 hours w/Sony alkaline batteries

FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 1/2" x 1 3/8"

{91.4 x 115.5 x 35mm}

**WEIGHT:** 7 7/8 oz (225g) with batteries

**SUPPLIED ACCESSORIES:** MDR-Q26LP Stereo Headphones, Carry Case with Belt Clip

**OPTIONAL ACCESSORIES:** AC-E30HG AC Adapter, DCC-E230 Car Battery Adapter

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# SONY

Sony Electronics Inc.  
1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

Printed in USA 2/2001



# WM-FX242ST

**WALKMAN® DIGITAL TUNING AM/FM STEREO  
CASSETTE PLAYER**

- STREET STYLE® HEADPHONES SUPPLIED
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- MEGA BASS® SOUND SYSTEM
- 40 STATION PRESET TUNING (30FM/10AM)
- DIRECT BAND SELECTOR
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- STEREO CASSETTE PLAYBACK
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- NEW COMPACT DESIGN
- CARRY CASE WITH BELT CLIP



# WM-FX242ST

## FEATURES

- **STREET STYLE® HEADPHONES SUPPLIED** provide a whole new approach to headphone design, with behind-the-neck headband that won't interfere with your hairstyle, lets you wear a hat while wearing the headphones, are excellent while jogging, dancing, or aerobic exercising, and establish a new look on the street
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **40 STATION PRESET TUNING (30FM/10AM)** offers convenient one-button tuning of your choice of 40 FM stations and 10 AM stations
- **DIRECT BAND SELECTOR** allows tuning any station by its broadcasting frequency
- **UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE PLAYBACK CAPABILITY** with tape selector switch for Normal or CrO2/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip

- **CARRYING CASE WITH BELT CLIP** lets you conveniently "wear" your Walkman® while walking or during other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape

## SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 25 hours w/Sony alkaline batteries

FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 1/2" x 1 3/8"

{91.4 x 115.5 x 35mm}

**WEIGHT:** 7 7/8 oz {225g} with batteries

**SUPPLIED ACCESSORIES:** Street Style Stereo Headphones, Carry Case with Belt Clip

**OPTIONAL ACCESSORIES:** AC-E30HG AC Adapter, DCC-E230 Car Battery Adapter

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# SONY

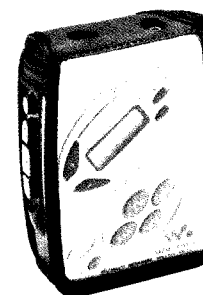
Sony Electronics Inc.  
1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

Printed in USA 2/2001

# WM-FX481

**WALKMAN® DIGITAL TUNING TV/WEATHER  
AM/FM STEREO CASSETTE PLAYER**

- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- AUTO REVERSE TAPE STEREO CASSETTE PLAYBACK
- MEGA BASS® SOUND SYSTEM
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- DIRECT BAND SELECTOR
- UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- STEREO CASSETTE PLAYBACK
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- NEW COMPACT DESIGN
- CARRY CASE WITH BELT CLIP



CARRYING CASE



## WM-FX481

### FEATURES

- **TV TUNER & WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **40 STATION PRESET TUNING (30FM/10AM)** offers convenient one-button tuning of your choice of 40 FM stations and 10 AM stations
- **DIRECT BAND SELECTOR** allows tuning any station by its broadcasting frequency
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- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
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- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip
- **CARRYING CASE WITH BELT CLIP** lets you conveniently "wear" your Walkman® while walking or during other activities

- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **HIGH PERFORMANCE STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range and excellent sound

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 32 hours w/Sony alkaline batteries  
FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 1/2" x 1 3/8"  
(91.4 x 115.5 x 35mm)

**WEIGHT:** 8 1/4 oz (235g) with batteries

**SUPPLIED ACCESSORIES:** MDR-026LP Stereo Headphones, Carry Case with Belt Clip

**OPTIONAL ACCESSORIES:** ACE30HG AC Adapter, DCC-E230 Car Battery Adapter

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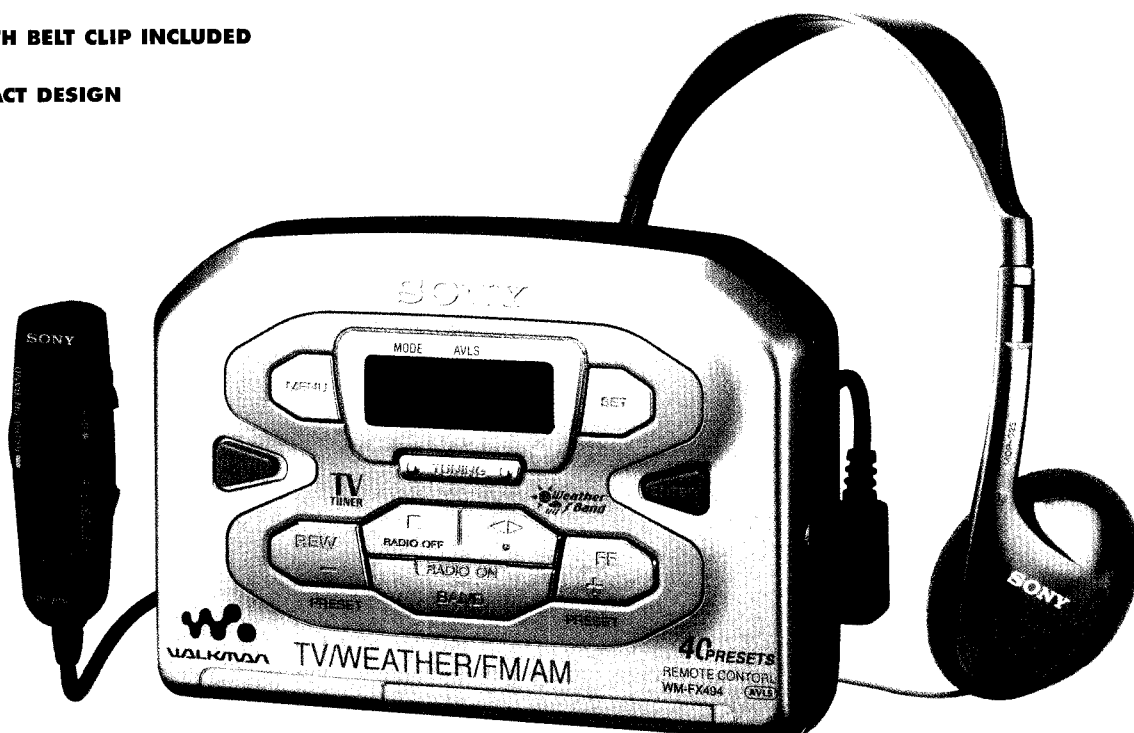
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1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

Printed in USA 2/2001

# WM-FX494

**WALKMAN® DIGITAL TUNING TV/WEATHER  
AM/FM STEREO CASSETTE PLAYER**

- FEATHER-TOUCH CONTROLS
- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- REMOTE CONTROL ON HEADPHONE CORD
- MEGA BASS® SOUND SYSTEM
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- CARRYING CASE WITH BELT CLIP INCLUDED
- NEW HI-END COMPACT DESIGN



## WM-FX494

### FEATURES

- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **TV TUNER & WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **REMOTE CONTROL ON HEADPHONE CORD** offers convenient direct access to all of the unit's functions
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **AUTO REVERSE STEREO CASSETTE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)** offers convenient one-button tuning of your choice of 7 TV stations, 4 Weather band channels, 24 FM and 5 AM stations
- **UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE PLAYBACK CAPABILITY** with tape selector switch for Normal or CrO2/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound

- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **CARRYING CASE WITH BELT CLIP INCLUDED** lets you conveniently "wear" your Walkman® while walking or during other activities
- **NEW HI-END COMPACT DESIGN** offers high performance while still being easy to carry and grip

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 25 hours w/Sony alkaline batteries

FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/4" x 4 1/2" x 1 1/8"

{83.2 x 115. x 30.1mm}

**WEIGHT:** 6 7/8 oz (195g) with batteries

**SUPPLIED ACCESSORIES:** MDR-026SP Stereo Headphones, Carry Case with Belt Clip, RM-WMF5 Remote Control

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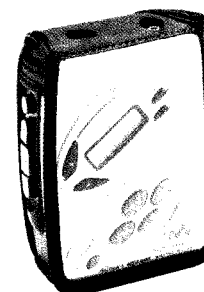
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1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

Printed in USA 2/2001

# WM-FX482ST

**WALKMAN® DIGITAL TUNING TV/WEATHER  
AM/FM STEREO CASSETTE PLAYER AND  
STREET STYLE® HEADPHONES**

- STREET STYLE® HEADPHONES INCLUDED
- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- AUTO REVERSE TAPE STEREO CASSETTE PLAYBACK
- MEGA BASS® SOUND SYSTEM
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- DIRECT BAND SELECTOR
- UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- STEREO CASSETTE PLAYBACK
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- NEW COMPACT DESIGN
- CARRY CASE WITH BELT CLIP



CARRYING CASE



# WM-FX482ST

## FEATURES

- **STREET STYLE® HEADPHONES INCLUDED** provide a whole new approach to headphone design, with behind-the-neck headband that won't interfere with your hairstyle, lets you wear a hat while wearing the headphones, are excellent while jogging, dancing, or aerobic exercising, and establish a new look on the street
- **TV TUNER & WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **40 STATION PRESET TUNING (30FM/10AM)** offers convenient one-button tuning of your choice of 40 FM stations and 10 AM stations
- **DIRECT BAND SELECTOR** allows tuning any station by its broadcasting frequency
- **UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** provides visible indication of battery power
- **STEREO CASSETTE PLAYBACK** lets you enjoy your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE PLAYBACK CAPABILITY** with tape selector switch for Normal or CrO2/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound

- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip
- **CARRYING CASE WITH BELT CLIP** lets you conveniently "wear" your Walkman™ while walking or during other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape

## SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 32 hours w/Sony alkaline batteries  
FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/2" x 4 5/8" x 1 3/8"  
(91.4 x 115.5 x 35mm)

**WEIGHT:** 8 1/4 oz (235g) with batteries

**SUPPLIED ACCESSORIES:** Street Style Stereo Headphones, Carry Case with Belt Clip

**OPTIONAL ACCESSORIES:** AC-E30HG AC Adapter, DCC-E230 Car Battery Adapter

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# SONY

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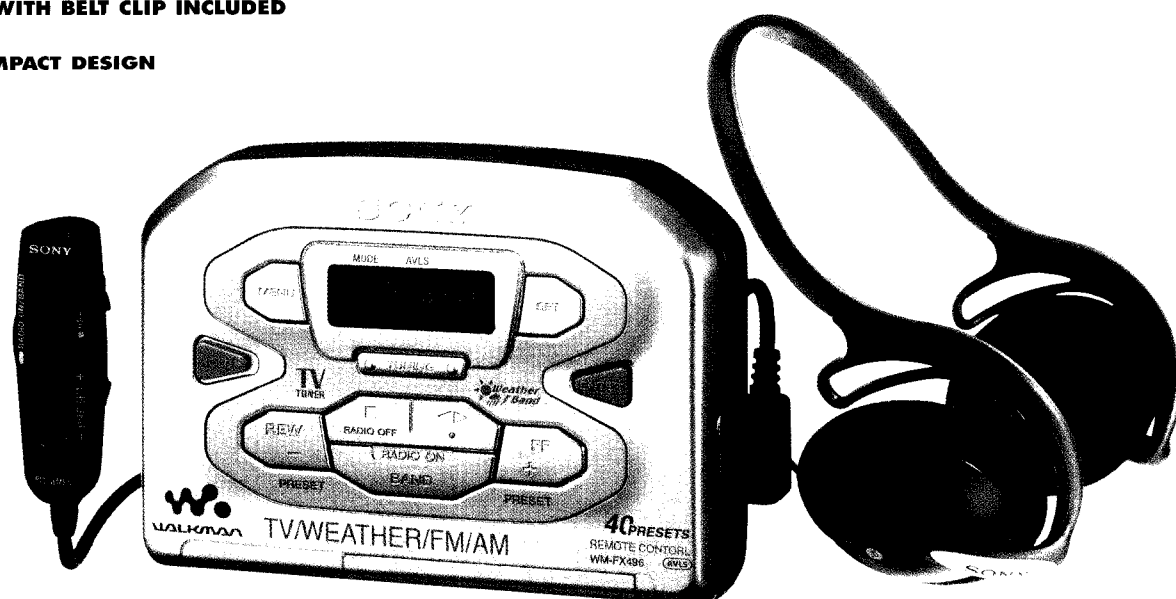
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# WM-FX496ST

**WALKMAN® DIGITAL TUNING TV/WEATHER  
AM/FM STEREO CASSETTE PLAYER AND  
STREET STYLE® HEADPHONES**

- STREET STYLE® STYLE HEADPHONES INCLUDED
- FEATHER-TOUCH CONTROLS
- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- REMOTE CONTROL ON HEADPHONE CORD
- MEGA BASS® SOUND SYSTEM
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- CARRYING CASE WITH BELT CLIP INCLUDED
- NEW HI-END COMPACT DESIGN



## WM-FX496ST

### FEATURES

- **STREET STYLE® HEADPHONES INCLUDED** provide a whole new approach to headphone design, with behind-the-neck headband that won't interfere with your hairstyle, lets you wear a hat while wearing the headphones, are excellent while jogging, dancing, or aerobic exercising, and establish a new look on the street
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **TV TUNER & WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
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- **REMOTE CONTROL ON HEADPHONE CORD** offers convenient direct access to all of the unit's functions
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
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- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
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- **CARRYING CASE WITH BELT CLIP INCLUDED** lets you conveniently "wear" your Walkman® while walking or during other activities
- **NEW HI-END COMPACT DESIGN** offers high performance while still being easy to carry and grip

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 25 hours w/Sony alkaline batteries

FM Reception: 40 hours w/Sony alkaline batteries

**COLOR:** Silver

**DIMENSIONS (WHD):** 3 1/4" x 4 1/2" x 1 1/8"  
(83.2 x 115 x 30.1mm)

**WEIGHT:** 6 7/8 oz (195g) with batteries

**SUPPLIED ACCESSORIES:** Street Style Stereo Headphones, Carry Case with Belt Clip,  
RM-WMF5 Remote Control

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# SONY

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1 Sony Drive  
Park Ridge, New Jersey 07656  
www.sony.com

Printed in USA 2/2001

# WM-FX671

## WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER

- WORLDWIDE DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- CASSETTE-SIZE CASE
- RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED
- FEATHER TOUCH CONTROLS
- UP TO 45 HOURS EXTENDED BATTERY LIFE WITH INTERNAL RECHARGEABLE BATTERY AND 1 "AA" BATTERY)
- 32 STATION PRESET TUNING (24FM/8AM)
- DOLBY® B NOISE REDUCTION
- 16X FAST FORWARD/REWIND
- AUTO REVERSE TAPE PLAYBACK
- SOUND MODE FUNCTION (MEGA BASS® SOUND SYSTEM/ GROOVE SOUND POSITION/SOUND REVITALIZER)
- AUTOMATIC MUSIC SENSOR™ (AMS) UP TO 9 SONGS
- BLANK SKIP
- 1 SONG REPEAT
- ADVANCED ANTI-ROLLING MECHANISM
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC SHUT-OFF (PLAY/FF/REV)
- DIGITAL LCD DISPLAY
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- STEREO HEADPHONES SUPPLIED

WALKMAN



## WM-FX671

### FEATURES

- **WORLDWIDE DIGITAL SYNTHESIZED AM/FM STEREO TUNER** can be used anywhere in the world, and provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **CASSETTE SIZE CASE** is virtually the same dimensions as a compact cassette itself, making it very easy to carry and hold
- **RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED** provides greater convenience compared to disposable batteries
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **UP TO 45 HOURS EXTENDED BATTERY LIFE WITH INTERNAL RECHARGEABLE BATTERY AND 1 "AA" BATTERY** is made possible by advanced technology that allows extended battery life beyond previous limits
- **32 STATION PRESET TUNING (24FM/8AM)** offers convenient one-button tuning of your choice of 24 FM stations and 8 AM stations
- **DOLBY® B NOISE REDUCTION** in playback mode eliminates distracting tape hiss
- **16X FAST FORWARD/REWIND** lets you hear sound at up to 16 times normal speed while the player is in fast-wind mode, to help locate specific selections on the tape
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **SOUND MODE FUNCTION (MEGA BASS® SOUND SYSTEM/GROOVE SOUND POSITION/SOUND REVITALIZER)** provides three distinct options, Mega Bass® for deeper, richer bass tones, Groove Sound for contemporary music that virtually doubles the bass response compared to regular Mega Bass™ and Sound Revitalizer for more pleasing overall sound
- **AUTOMATIC MUSIC SENSOR™ (AMS)** skips forward or backward on the tape to locate and play up to 9 songs
- **BLANK SKIP** feature allows Walkman to Skip the blank (soundless) portions at the end of music, reverse to the other side, and start playback

- **1 SONG REPEAT** provides for repeated playing of a single selection on the cassette
- **ADVANCED ANTI-ROLLING MECHANISM** is a dramatically improved tape transport mechanism that maximizes sound reproduction even when the unit is in motion
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC SHUT-OFF (PLAY/FF/REW)** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **STEREO HEADPHONES SUPPLIED** are Sony MDR (Micro Dynamic Receiver™) type and provide wide dynamic range with excellent sound

### SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**INPUTS:** DC-In jack 3V

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

NC-6WM Rechargeable battery (supplied)

AC 120V 60Hz w/optional AC Adaptor

**BATTERY LIFE (APPROX.):** Tape playback: 50 hours w/Sony NC-6WM Rechargeable

Battery and "AA" alkaline battery x 1

39 hours with "AA" alkaline battery x 1

**COLOR:** Silver

**DIMENSIONS (WHD):** 3" x 4 1/4" x 1 5/16"

(77.7 x 108.4 x 23.85mm)

**WEIGHT:** 8 oz (230g) without batteries

**SUPPLIED ACCESSORIES:** MDR-WO34LP Stereo Headphones, NC-6WM Rechargeable Battery, BC-7DC Ear Attachment, Belt Clip, Carrying Case

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## SONY

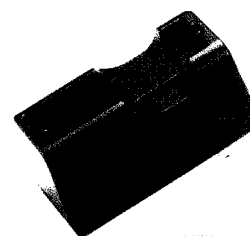
Sony Electronics Inc.  
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Park Ridge, New Jersey 07656  
<http://www.sony.com>

Printed in USA 1/99

# WM-GX680

## WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER/RECORDER

- STEREO CASSETTE RECORDER AND PLAYBACK
- WORLDWIDE DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- CASSETTE-SIZE CASE
- FEATHER TOUCH CONTROLS
- RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED
- UP TO 40 HOURS EXTENDED BATTERY LIFE WITH RECHARGEABLE BATTERY AND 1 "AA" BATTERY
- 32 STATION PRESET TUNING (24FM/8AM)
- DOLBY® B NOISE REDUCTION
- 16X FAST FORWARD/REWIND
- AUTO REVERSE TAPE PLAYBACK
- SOUND MODE FUNCTION (MEGA BASS® SOUND SYSTEM/GROOVE SOUND POSITION/SOUND REVITALIZER)
- AUTOMATIC MUSIC SENSOR™ FEATURE (AMS) UP TO 9 SONGS
- BLANK SKIP
- 1 SONG REPEAT
- ADVANCED ANTI-ROLLING MECHANISM
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC SHUT-OFF (PLAY/FF/REV)
- DIGITAL LCD DISPLAY
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- STEREO HEADPHONES WITH REMOTE



BATTERY & CHARGER



## WM-GX680

### FEATURES

- **STEREO CASSETTE RECORDING AND PLAYBACK** offers the flexibility of recording as well as playing cassettes with full stereo sound
- **WORLDWIDE DIGITAL SYNTHESIZED AM/FM STEREO TUNER** can be used anywhere in the world, and provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **CASSETTE SIZE CASE** is virtually the same dimensions as a compact cassette itself, making it very easy to carry and hold
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **RECHARGEABLE BATTERY (NC-6WM) AND CHARGER SUPPLIED** provides greater convenience compared to disposable batteries
- **UP TO 40 HOURS EXTENDED BATTERY LIFE WITH RECHARGEABLE BATTERY AND 1 "AA" BATTERY** extends battery-powered playback and recording enjoyment well beyond previous time limits
- **32 STATION PRESET TUNING (24FM/8AM)** offers convenient one-button tuning of your choice of 24 FM stations and 8 AM stations
- **DOLBY® B NOISE REDUCTION** in playback eliminates distracting tape hiss from a wider range of pre-recorded tapes
- **16X FAST FORWARD/REWIND SPEED** lets you hear sound at up to 16 times normal speed while the player is in fast-wind mode, to help locate specific selections on the tape
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **SOUND MODE FUNCTION (MEGA BASS® SOUND SYSTEM/GROOVE SOUND POSITION/SOUND REVITALIZER)** provides three distinct options, Mega Bass™ for deeper, richer bass tones, Groove Sound for contemporary music that virtually doubles the bass response compared to regular Mega Bass™ and Sound Revitalizer for more pleasing overall sound
- **AUTOMATIC MUSIC SENSOR™ FEATURE (AMS)** skips forward or backward on the tape to locate and play up to 9 songs
- **BLANK SKIP** feature allows Walkman to Skip the blank (soundless) portions at the end of music, reverse to the other side, and start playback

- **1 SONG REPEAT** provides for repeated playing of a single selection on the cassette
- **ADVANCED ANTI-ROLLING MECHANISM** is a dramatically improved tape transport mechanism that maximizes sound reproduction even when the unit is in motion
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC SHUT-OFF (PLAY/FF/REV)** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **LCD MENU DISPLAY** lets you see available options for operation before making a selection
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **STEREO HEADPHONES WITH REMOTE** is in-line with headphones for convenience, and offers direct access to all of the unit's major functions

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**INPUTS:** DC-In jack 3V

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**BATTERY LIFE (APPROX.):** Tape Playback: 31.5 hours w/Sony alkaline batteries and Rechargeable Battery

FM Reception: Up to 40 hours w/Sony alkaline batteries and Rechargeable Battery

**COLOR:** Silver

**DIMENSIONS (WHD):** 3" x 4 1/4" x 1/8"

(77.7 x 108.4 x 23mm)

**WEIGHT:** 6 1/8 oz (175g) with batteries

**SUPPLIED ACCESSORIES:** MDR-WO34SP Stereo Headphones, RM-WMF5 Remote Control, BC-7DC Battery Charger, NC-6WM Rechargeable Battery, Battery Carrying Case, Battery Case, Carrying Pouch, Microphone

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# SONY

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Printed in USA 2/2001

# WM-FS220

## SPORTS WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER

- WATER RESISTANT¹ SPORTS SERIES DESIGN
- DIGITAL AM/FM STEREO TUNER
- MEGA BASS² SOUND SYSTEM
- BATTERY LEVEL INDICATOR
- METAL BUCKLE FOR SECURE CLOSURE
- 30 STATION PRESET TUNING (25FM/5AM)
- STEREO CASSETTE PLAYBACK
- UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- ULTRA-LIGHT WATER RESISTANT STEREO HEADPHONES SUPPLIED
- AUTOMATIC SHUT-OFF IN PLAYBACK MODE
- ACTION GRIP
- BELT CLIP SUPPLIED



# WM-FS220

## FEATURES

- **WATER RESISTANT<sup>1</sup> SPORTS SERIES DESIGN** is specially designed for outdoor fun with rubber gaskets, bushings, and water resistant seals that help keep out water, moisture and dirt
- **DIGITAL AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS<sup>®</sup> SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **BATTERY LEVEL INDICATOR** displays a visual indication of battery power remaining
- **30 STATION PRESET TUNING (25FM/5AM)** offers convenient one-button tuning of your choice of 25 FM stations and 5 AM stations
- **STEREO CASSETTE PLAYBACK** lets you play your own tapes as well as prerecorded cassettes with the added enjoyment of stereo sound
- **UP TO 25 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** is made possible by advanced technology that allows extended battery life beyond previous limits
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **METAL TAPE CAPABILITY** with tape selector switch for Normal or CrO<sub>2</sub>/Metal cassettes provides optimum playback of all major tape types
- **ULTRA-LIGHT WATER RESISTANT<sup>1</sup> STEREO HEADPHONES SUPPLIED** are Sony MDR (Micro Dynamic Receiver<sup>TM</sup>) type and offer wide dynamic range with excellent sound
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **ACTION GRIP** makes it easier to hold the unit while in action during jogging, walking, or other activities
- **BELT CLIP** allows Sports Walkman<sup>™</sup> to clip onto belt, leaving hands free for other activities

## SPECIFICATIONS

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

**BATTERY LIFE (APPROX.):** Tape playback: 25 hours w/Sony "AA" alkaline batteries  
FM Reception: 40 hours with Sony "AA" alkaline batteries

**COLOR:** Sports Yellow

**DIMENSIONS (WHD):** 4 7/8" x 4 3/4" x 2 5/8"  
(106.6 x 122.3 x 19.6mm)

**WEIGHT:** 12 1/2 oz (358g) with batteries

**SUPPLIED ACCESSORIES:** MDR-WO14LP(Y) Stereo Headphones, Belt Clip

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\* Not meant to be immersed in or come into continuous contact with water.

# SONY

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www.sony.com

Printed in USA 2/2001



# WM-FS421

**SPORTS WALKMAN® DIGITAL TUNING**

**TV/WEATHER AM/FM STEREO CASSETTE PLAYER**

- WATER RESISTANT¹ SPORTS SERIES DESIGN
- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- MEGA BASS® SOUND SYSTEM
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- AUTOMATIC SHUT-OFF IN PLAYBACK MODE
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- WATER RESISTANT¹ STEREO HEADPHONES
- ACTION GRIP
- BELT CLIP



## WM-FS421

### FEATURES

- **WATER RESISTANT<sup>1</sup> SPORTS SERIES DESIGN** is specially designed for outdoor fun with rubber gaskets, bushings, and water resistant seals that help keep out water, moisture and dirt
- **TV TUNER AND WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS<sup>®</sup> SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **40 STATION PRESET TUNING (2TV/4WB/24FM/5AM)** offers convenient one-button tuning of your choice of 2 TV stations, 4 weather band channels, 25 FM stations and 5 AM stations
- **UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** displays a visual indication of battery power remaining
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **METAL TAPE CAPABILITY** with tape selector switch for Normal or CrO<sub>2</sub>/Metal cassettes provides optimum playback of all major tape types
- **WATER RESISTANT<sup>1</sup> STEREO HEADPHONES SUPPLIED** are Sony MDR (Micro Dynamic Receiver<sup>TM</sup>) type and offer wide dynamic range with excellent sound
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations

- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **ACTION GRIP** makes it easier to hold the unit while in action during jogging, walking, or other activities
- **BELT CLIP** allows Sports Walkman<sup>®</sup> to clip onto belt, leaving hands free for other activities

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV, Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

**BATTERY LIFE (APPROX.):** Tape playback: 32 hours w/Sony "AA" alkaline batteries

FM Reception: 40 hours w/Sony "AA" alkaline batteries

**COLOR:** Sports Yellow

**DIMENSIONS (WHD):** 4 1/2" x 4 3/4" x 2 1/8"

(106.6 x 122.3 x 19.6mm)

**WEIGHT:** 12 1/2 oz (358g) with batteries

**SUPPLIED ACCESSORIES:** MDR-WO14LP[Y] Stereo Headphones, Belt Clip, Action Grip

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\* Not meant to be immersed in or come into continuous contact with water.

# SONY

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www.sony.com

Printed in USA 2/2001

# WM-FS422ST

**SPORTS WALKMAN® DIGITAL TUNING  
TV/WEATHER AM/FM STEREO  
CASSETTE PLAYER**

- STREET STYLE® HEADPHONES SUPPLIED
- WATER RESISTANT¹ SPORTS SERIES DESIGN
- TV TUNER & WEATHER BAND
- DIGITAL SYNTHESIZED FM/AM STEREO TUNER
- MEGA BASS® SOUND SYSTEM
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- 40 STATION PRESET TUNING (7TV/4WB/24FM/5AM)
- UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- AUTOMATIC SHUT-OFF IN PLAYBACK MODE
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- DIGITAL LCD DISPLAY
- ACTION GRIP
- BELT CLIP



## WM-FS422ST

### FEATURES

- **STREET STYLE® HEADPHONES INCLUDED** provide a whole new approach to headphone design, with behind-the-neck headband that won't interfere with your hairstyle, lets you wear a hat while wearing the headphones, are excellent while jogging, dancing, or aerobic exercising, and establish a new look on the street
- **WATER RESISTANT¹ SPORTS SERIES DESIGN** is specially designed for outdoor fun with rubber gaskets, bushings, and water resistant seals that help keep out water, moisture and dirt
- **TV TUNER AND WEATHER BAND** lets you listen to audio from TV channels 2-13, and up-to-the-minute weather from your local Weather Band broadcasts
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** provides the most accurate drift-free tuning of AM and FM stereo radio stations
- **MEGA BASS® SOUND SYSTEM** produces deep, rich bass tones for more pleasing overall sound
- **AUTO REVERSE TAPE PLAYBACK** lets you enjoy uninterrupted listening to both sides of a stereo cassette with no need to remove and turn over the tape
- **40 STATION PRESET TUNING (2TV/4WB/24FM/5AM)** offers convenient one-button tuning of your choice of 2 TV stations, 4 weather band channels, 25 FM stations and 5 AM stations
- **UP TO 32 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** is made possible by advanced technology that allows extended battery life beyond previous limits
- **BATTERY LEVEL INDICATOR ON LCD** displays a visual indication of battery power remaining
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **METAL TAPE CAPABILITY** with tape selector switch for Normal or CrO2/Metal cassettes provides optimum playback of all major tape types
- **WATER RESISTANT¹ STEREO HEADPHONES SUPPLIED** are Sony MDR (Micro Dynamic Receiver™) type and offer wide dynamic range with excellent sound

- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **DIGITAL LCD DISPLAY** indicates radio station frequency, preset status, and cassette operation
- **ACTION GRIP** makes it easier to hold the unit while in action during jogging, walking, or other activities
- **BELT CLIP** allows Sports Walkman™ to clip onto belt, leaving hands free for other activities

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.6-108MHz

AM: 530-1710kHz

TV: Ch. 2-13VHF

Weather: Ch. 1-5

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 20-18,000Hz

**OUTPUTS:** Headphones (stereo mini jack)

**POWER OUTPUT:** Headphones: 8mW/channel x 2 (@32 ohms)

**POWER REQUIREMENTS:** DC 3V, "AA" x 2 battery

**BATTERY LIFE (APPROX.):** Tape playback: 32 hours w/Sony "AA" alkaline batteries

FM Reception: 40 hours w/Sony "AA" alkaline batteries

**COLOR:** Sports Yellow

**DIMENSIONS (WHD):** 4 1/2" x 4 3/4" x 2 3/8"

(106.6 x 122.3 x 19.6mm)

**WEIGHT:** 12 1/2 oz (358g) with batteries

**SUPPLIED ACCESSORIES:** Street Style Stereo Headphones, Belt Clip, Action Grip

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¹ Not meant to be immersed in or come into continuous contact with water.

## SONY

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Printed in USA 2/2001

# WM-FS593

## SPORTS WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER

- WATER RESISTANT\* SPORTS SERIES DESIGN
- FEATHER-TOUCH CONTROLS
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- 20 STATION PRESET TUNING (15FM/5AM)
- UP TO 24 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- LARGE DIGITAL LCD DISPLAY WITH BACK LIGHT
- ONE FINGER CONTROL PAD FOR VOLUME/PRESETS
- ADJUSTABLE ACTION GRIP
- MEGA BASS® SOUND SYSTEM WITH "GROOVE SOUND" POSITION
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- WATER RESISTANT\* STEREO HEADPHONES
- BELT CLIP
- COMPACT DESIGN

**sports**  
WALKMAN



## WM-FS593

### FEATURES

- **WATER RESISTANT<sup>1</sup>** and rugged Sports Series design is specially made for outdoor fun with rubber gaskets, bushings, and water resistant seals that help keep out water, moisture and dirt
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** precisely locks in the most powerful signal for accurate, drift-free reception
- **20 STATION PRESET TUNING** offers convenient one-button tuning of your choice of 15 FM stations and 5 AM stations
- **UP TO 24 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **LARGE DIGITAL LCD DISPLAY WITH BACK LIGHT** indicates radio station frequency, clock, preset status, and cassette operation, and is easy to read even in the dark
- **CONTROL PAD** is a unique design that allows for one finger control of volume and station presets
- **ADJUSTABLE ACTION GRIP** makes it easier to hold the unit while in action during jogging, walking, or other activities
- **MEGA BASS<sup>®</sup> SOUND SYSTEM WITH "GROOVE SOUND" POSITION** produces deeper, richer bass tones for more pleasing overall sound, with a special position for contemporary music that virtually doubles the bass response compared to regular Mega Bass<sup>®</sup>
- **AUTO REVERSE STEREO CASSETTE PLAYBACK** provides uninterrupted playback of both cassette sides
- **BATTERY LEVEL INDICATOR ON LCD** displays a visual indication of battery power remaining
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **METAL TAPE CAPABILITY** with tape selector switch for Normal or CrO<sub>2</sub>/Metal cassettes provides optimum playback of all major tape types

- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **WATER RESISTANT<sup>1</sup> STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver<sup>™</sup>) type, providing wide dynamic range and excellent sound
- **BELT CLIP** allows Sports Walkman<sup>®</sup> to clip onto belt, leaving hands free for other activities
- **ANTENNAS** include built-in ferrite bar for AM, headphone cord for FM
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.5-108MHz  
AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**COLOR:** Sports Yellow

**DIMENSIONS (WHD):** 3 3/4" x 5" x 1 7/8"  
(96.5 x 129 x 46.6mm)

**WEIGHT:** 10 3/4 oz (305g) with batteries

**SUPPLIED ACCESSORIES:** MDR-W14LP Stereo Headphones  
Handgrip

**OPTIONAL ACCESSORIES:** LCWMSPU/B Sportspak<sup>®</sup> Carrying Case  
SRS-A21 Personal Speakers

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

<sup>1</sup> Not meant to be immersed in or come into continuous contact with water.

# SONY<sup>®</sup>

Sony Electronics Inc.  
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Park Ridge, New Jersey 07656  
<http://www.sony.com>

Printed in USA 1/98

# WM-FS595

## SPORTS WALKMAN® DIGITAL TUNING AM/FM STEREO CASSETTE PLAYER

- WATER RESISTANT\* AND RUGGED SPORTS SERIES DESIGN
- FEATHER-TOUCH CONTROLS
- DIGITAL SYNTHESIZED AM/FM STEREO TUNER
- 20 STATION PRESET TUNING (15FM/5AM)
- DOLBY® B NOISE REDUCTION
- UP TO 24 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)
- ONE FINGER CONTROL PAD FOR VOLUME/PRESETS
- LARGE DIGITAL LCD DISPLAY WITH BACK LIGHT
- ADJUSTABLE ACTION GRIP WITH HIGH BRIGHTNESS LED SAFETY FLASHER
- MEGA BASS® SOUND SYSTEM WITH "GROOVE SOUND" POSITION
- AUTO REVERSE STEREO CASSETTE PLAYBACK
- BATTERY LEVEL INDICATOR ON LCD
- ANTI-ROLLING MECHANISM
- METAL TAPE CAPABILITY
- AM WIDE BAND TUNING
- FM LOCAL/DISTANT (DX) SWITCH
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)
- WATER RESISTANT\* STEREO HEADPHONES
- BELT CLIP
- COMPACT DESIGN

**sports**  
WALKMAN



## WM-FS595

### FEATURES

- **WATER RESISTANT**<sup>1</sup> and rugged Sports Series design is specially made for outdoor fun with rubber gaskets, bushings, and water resistant seals that help keep out water, moisture and dirt
- **FEATHER-TOUCH CONTROLS** are sensitive and logic-controlled for very fast, very easy operation
- **DIGITAL SYNTHESIZED AM/FM STEREO TUNER** precisely locks in the most powerful signal for accurate, drift-free reception
- **20 STATION PRESET TUNING** offers convenient one-button tuning of your choice of 15 FM stations and 5 AM stations
- **UP TO 24 HOURS EXTENDED BATTERY LIFE (TAPE PLAYBACK)** with 2 "AA" batteries is made possible by advanced technology that allows extended battery life beyond previous limits
- **CONTROL PAD** is a unique design that allows for one finger control of volume and station presets
- **LARGE DIGITAL LCD DISPLAY WITH BACK LIGHT** indicates radio station frequency, clock, preset status, and cassette operation, and is easy to read even in the dark
- **ADJUSTABLE ACTION GRIP WITH HIGH BRIGHTNESS LED SAFETY FLASHER** makes it easier to hold the unit while in action during jogging, walking, or other activities and provides an extra measure of safety when walking or jogging at night
- **MEGA BASS<sup>®</sup> SOUND SYSTEM WITH "GROOVE SOUND" POSITION** produces deeper, richer bass tones for more pleasing overall sound, with a special position for contemporary music that virtually doubles the bass response compared to regular Mega Bass<sup>®</sup>
- **AUTO REVERSE STEREO CASSETTE PLAYBACK** provides uninterrupted playback of both cassette sides
- **DOLBY<sup>®</sup> B NOISE REDUCTION** in playback eliminates distracting tape hiss
- **BATTERY LEVEL INDICATOR ON LCD** displays a visual indication of battery power remaining
- **ANTI-ROLLING MECHANISM** maintains stable tape speed to maximize sound quality while unit is in motion when walking or during use in other activities
- **AUTOMATIC SHUT-OFF IN PLAYBACK MODE** helps extend battery life and helps prevent mechanical wear by turning off unit at end of tape
- **METAL TAPE CAPABILITY** with tape selector switch for Normal or CrO<sub>2</sub>/Metal cassettes provides optimum playback of all major tape types
- **AM WIDE BAND TUNING** with a frequency range up to 1710 kHz allows reception of all AM radio stations regulated by the FCC in the new expanded AM band
- **FM LOCAL/DISTANT (DX) SWITCH** provides optimal reception of both near and distant stations
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts music passages that vary widely, for improved listener comfort and clear sound
- **WATER RESISTANT<sup>1</sup> STEREO HEADPHONES** are Sony MDR (Micro Dynamic Receiver<sup>™</sup>) type, providing wide dynamic range and excellent sound
- **BELT CLIP** allows Sports Walkman<sup>®</sup> to clip onto belt, leaving hands free for other activities
- **ANTENNAS** include built-in ferrite bar for AM, headphone cord for FM
- **COMPACT DESIGN** offers high performance while still being easy to carry and grip

### SPECIFICATIONS

**FREQUENCY RANGE:** FM: 87.5-108MHz

AM: 530-1710kHz

**TAPE SYSTEM:** 4 track, 2 channel stereo

**FREQUENCY RESPONSE:** 40-15,000Hz

**OUTPUTS:** Headphones (Stereo mini jack)

**POWER REQUIREMENTS:** DC 3V "AA" x 2

**COLOR:** Sports Yellow

**DIMENSIONS (WHD):** 3 3/4" x 5" x 1 7/8"

(96.5 x 129 x 46.6mm)

**WEIGHT:** 10 3/4 oz (305g) with batteries

**SUPPLIED ACCESSORIES:** MDR-W020G Stereo Headphones

Belt Clip

Action Grip with Flashers

**OPTIONAL ACCESSORIES:** LCWMSPU/B Sportspak<sup>®</sup> Carrying Case

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<sup>1</sup>Not meant to be immersed in or come into continuous contact with water.

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Printed in USA 1/98



# TCD-D8

## DAT WALKMAN® DIGITAL AUDIO TAPE PLAYER/RECORDER

- FULL FEATURED DAT TAPE PLAYER/RECORDER
- 48KHZ SAMPLING AND 16-BIT LINEAR QUANTIZATION FOR ULTIMATE QUALITY RECORDING
- 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY ARE SELECTABLE FOR BOTH DIGITAL AND ANALOG RECORDING
- LONG PLAY MODE FOR UP TO 4 HOURS OF RECORDING AND PLAYBACK
- 4 HOURS RECORDING WITH 4 "AA" BATTERIES
- AUTOMATIC DATE FUNCTION FOR FAST IDENTIFICATION OF RECORDING
- AUTOMATIC AND MANUAL RECORDING LEVEL
- ANTI-SHOCK MECHANISM FOR RECORDING AND PLAYBACK
- LARGE BACKLIT DISPLAY WITH 4-SEGMENT BATTERY INDICATOR
- AUTOMATIC/MANUAL SUBCODE
- 100X HIGH SPEED AMS
- 2 SPEED (3X/25X) CUE/REVIEW
- DIGITAL INPUT AND OUTPUT

WALKMAN



## TCD-D8

### FEATURES

- **48KHZ SAMPLING AND 16-BIT LINEAR QUANTIZATION** provides rich, dynamic sound, for the ultimate in quality audio tape recording
- **SELECTABLE 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY** for both digital and analog recording
- **BUILT-IN 1-BIT D/A CONVERTER** with 8X oversampling for low noise and extended frequency response
- **SUPREME QUALITY SP MODE** provides for up to 2 hours of recording of 16-bit digital sound on a DT-120RN DAT cassette, ideal for recording live music
- **LONG PLAY MODE** provides for up to 4 hours continuous recording and playback on a single DT-120RN DAT cassette, for conferences or other voice recording
- **4 HOURS OPERATION WITH 4 "AA" BATTERIES** (display illumination off and headphone jack unplugged) is made possible by advanced design that allows extended battery life beyond previous limits
- **AUTOMATIC DATE FUNCTION** provides for fast identification of individual recordings by automatically recording the date, day of the week, and time of the recording as indicated on the LCD display
- **AUTOMATIC AND MANUAL RECORDING LEVEL** is switchable and lets you select most appropriate volume levels for recording voice, music, or manual
- **ANTI-SHOCK MECHANISM** maintains stable tape transport for accurate recording and playback even while the DAT Walkman is in motion
- **LARGE BACKLIT LCD DISPLAY** clearly shows recording level, track number, operating status, and 4-segment battery indicator, even in low ambient light conditions
- **ID SUBCODE** marking is switchable to mark the starting point of each program on the tape automatically or manually while recording
- **100X HIGH SPEED AUTOMATIC MUSIC SENSOR™ (AMS)** search function finds and plays tracks, and skips forward or back up to 99 tracks, all at 100 times normal speed
- **2 SPEED CUE/REVIEW (3X/25X)** lets you hear sound while the player is in fast-wind modes up to 3 times or 25 times normal speed
- **DIGITAL INPUT AND OUTPUT JACKS** permit digital connection to MD and CD players and home digital preamplifiers (requires optional digital cable), and automatically converts track information of MD and CD into start IDs (digital input only)

- **4 SEGMENT LCD BATTERY INDICATOR** provides a visual signal to alert you to diminishing battery power so you can recharge or replace batteries
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** maintains volume output at levels that are below distortion threshold for cleaner sound reproduction

### SPECIFICATIONS

**FORMAT:** Digital Audio Tape

**RECORDING TIME (DT-120 DAT Cassette):** Standard: 120 min  
Long Play: 240 min

**TAPE SPEED:** Standard: 8.15mm/sec (Approx 1/10 ips)  
Long Play: 4.075mm/sec (Approx 1/20 ips)

**SAMPLING FREQUENCY:** 48kHz, 44.1kHz, 32kHz

**QUANTIZATION BITS:** 16 bit

**FREQUENCY RESPONSE:** Standard: 20-22,000Hz (±1dB) @ 48kHz  
20-20,000Hz (±1dB) @ 44.1kHz  
20-14,500Hz (±1dB) @ 32kHz  
Long Play: 20-14,500Hz (±1dB) @ 32kHz

**S/N RATIO:** >87dB (Standard & Long Play) @ 1kHz IHF-A 22kHz LPF Line In

**DYNAMIC RANGE:** >87dB (Standard & Long Play) @ 1kHz IHF-A 22kHz LPF Line In

**TOTAL HARMONIC DISTORTION:** <0.008% (Standard) @ 1kHz 22kHz LPF Line In  
≤0.09% (Long Play) @ 1kHz 22kHz LPF Line In

**WOW AND FLUTTER:** Below Measurable Limit (±0.001% W. PEAK)

**INPUTS:** Mic (Plug-in Power, Stereo mini jack)

Digital In (7-Pin jack)

Line In (Stereo mini jack)

DC-In 6V (EIAJ Standard Polarity Jack)

**OUTPUTS:** Stereo Headphones (Stereo mini jack)

Line Out (Stereo mini jack)

Remote (7-Pin jack)

Digital Out (7-Pin jack)

**POWER REQUIREMENTS:** "AA" x 4 batteries (DC6V)

AC 120V, 60Hz w/supplied AC Adaptor

DC 12V w/optional Car Battery Cord

**BATTERY LIFE (Approx):**

(w/Sony alkaline batteries):

REC: 4 hrs (display illumination off, headphone jack unplugged)

REC: 3 hrs (display illumination off)

PLAY: 3.5 hrs

**DIMENSIONS (WHD):** 12 1/2" x 1 1/2" x 3 1/2"

(132.6 x 36.7 x 88.2mm)

**WEIGHT:** 1 lb 15 oz (500g) incl batteries

**SUPPLIED ACCESSORIES:** Carrying Case

DT-10CLA Cleaning Cassette

AC-E60HG AC Adaptor:

**OPTIONAL ACCESSORIES:** SBM-1 Super Bit Mapping Adaptor

RMT-D7 Wired Remote Commander

RM-D3K System Adaptor Kit

POC-DA12, POC-DA12M, RK-DA10 Digital Cable

ECM-959A/737 Stereo Microphone

DCC-260HG Car Battery Cord

CPA-8 Car Connecting Pack

AC-E60AM World Wide AC Adaptor

# SONY

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# TCD-D100

## DAT WALKMAN® DIGITAL AUDIO TAPE RECORDER

- SPECIAL 10TH ANNIVERSARY MODEL
- FULL FEATURED DAT TAPE PLAYER/RECORDER
- SMALLEST AND LIGHTEST DAT WALKMAN® PERSONAL STEREO
- 48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY SELECTION
- EASY OPERATION AND EXCELLENT SOUND QUALITY
- UP TO 4 HOURS RECORDING/PLAYBACK WITH  
2 "AA" ALKALINE BATTERIES
- RECHARGEABLE BATTERIES AND CHARGER SUPPLIED
- LONG PLAY MODE FOR UP TO 4 HOURS OF RECORDING TIME
- SUPPLIED STEREO HEADPHONES WITH LCD REMOTE CONTROL
- AUTOMATIC DATE AND TIME FUNCTION WHEN RECORDING
- SELECTABLE AUTOMATIC OR MANUAL RECORDING LEVEL
- DIGITAL INPUT AND OUTPUT
- AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)

## WALKMAN



# TCD-D100

## FEATURES

- **SPECIAL 10TH ANNIVERSARY MODEL** features durable diecast magnesium case and celebrates a decade of achievement in Sony Digital Audio Tape technology
- **FULL FEATURED DAT TAPE PLAYER/RECORDER** provides very easy operation and excellent sound quality when recording both music and voice
- **SMALLEST AND LIGHTEST DAT WALKMAN®** model weighs just over 13 ounces even with batteries and tape, and is small enough to carry virtually anywhere
- **48KHZ/44.1KHZ/32KHZ SAMPLING FREQUENCY SELECTION** provides a range of options for both digital and analog recording
- **MULTIPLE RECORD MODES** let you select Manual, Automatic (Automatic Gain Control) or Mic Limiter for the highest quality recording in all situations
- **EASY OPERATION AND EXCELLENT SOUND QUALITY** with 16-bit linear quantization for rich, dynamic sound and the ultimate in audio tape recording
- **VERSATILE RECORDING OPTIONS** allow for direct digital recording from CD, MiniDisc, and other digital sources (with optional cable) and also may be used with Sony SBM-1 Super Bit Mapping Adaptor
- **UP TO 4 HOURS RECORDING/PLAYBACK WITH 2 "AA" ALKALINE BATTERIES** is made possible by advanced design that allows extended battery life
- **RECHARGEABLE BATTERIES AND CHARGER SUPPLIED** offer great savings and convenience over replaceable batteries
- **LCD DISPLAY** clearly indicates current operating status and remaining battery power
- **LONG PLAY MODE** provides for up to 4 hours of continuous recording and playback on a single DT-120RN DAT cassette, for voice recording of conferences, meetings, and other situations
- **SUPPLIED STEREO HEADPHONES WITH LCD REMOTE CONTROL** features separate LCD display panel on the remote and allows direct access to all of the unit's functions plus track scan and repeat
- **AUTOMATIC DATE AND TIME FUNCTION WHEN RECORDING** provides for fast identification of individual recordings by automatically recording the date, day of the week, and time of the recordings, as indicated on the LCD display

- **DIGITAL INPUT AND OUTPUT JACK** permits digital connection to MiniDisc and Compact Disc players as well home digital preamplifiers (requires optional digital cable) and automatically converts track information of MD and CD into start IDs (digital input only)
- **AUTOMATIC VOLUME LIMITER SYSTEM (AVLS)** automatically adjusts volume of music passages that vary widely, for clean sound reproduction and improved listener comfort

## SPECIFICATIONS

**FORMAT:** Digital Audio Tape

**RECORDING TIME (DT-120 DAT CASSETTE):** Standard: 120 min.  
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**TAPE SPEED:** Standard: 8.15mm/sec (approx. 1 1/2 ips)  
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**SAMPLING FREQUENCY:** 48kHz, 44.1kHz, 32kHz

**QUANTIZATION:** 16 bit

**FREQUENCY RESPONSE:** Standard: 20-22,000kHz  $\pm 1$ dB @ 48kHz  
20-20,000kHz  $\pm 1$ dB @ 44.1kHz  
20-14,500kHz  $\pm 1$ dB @ 32kHz  
Long Play: 20-14,500kHz  $\pm 1$ dB @ 32kHz

**S/N RATIO:** Standard and Long Play: > 87dB @ 1kHz IHF-A, 22kHz LPF, Line In

**DYNAMIC RANGE:** Standard and Long Play: > 87dB @ 1kHz IHF-A, 22kHz LPF, Line In

**TOTAL HARMONIC DISTORTION:** Standard: < 0.008% (1kHz, 22kHz LPF, Line In)  
Long Play: < 0.09% (1kHz, 22kHz LPF, Line In)

**WOW AND FLUTTER:** Below measurable limit (less than  $\pm 0.001\%$  W, Peak)

**INPUTS:** Mic In (Stereo mini jack with plug-in power)

Line In (Stereo mini jack)

Digital In (7 pin jack)

DC In 4.5V

**OUTPUTS:** Stereo Headphones (Stereo mini jack)

Line Out (Stereo mini jack)

Remote (7 pin jack)

Digital Out (7 pin jack)

**POWER REQUIREMENTS:** "AA" x 2 Alkaline Batteries (not supplied)  
"AA" x 2 Rechargeable Batteries (supplied)  
AC Adaptor (supplied)

**BATTERY LIFE (APPROX.):** Rec/Play: 4 hours w/Sony Alkaline batteries  
3 hours w/Sony Rechargeable batteries  
(w/Phone/Line Out jack unplugged)

**COLOR:** Metallic Silver

**DIMENSIONS (WHD):** 1 1/4" x 3 1/2" x 4 1/4"  
(29.2 x 80 x 117.3mm)

**WEIGHT:** 13 1/2 oz (380g) include: batteries and tape

**SUPPLIED ACCESSORIES:** Sony Rechargeable Batteries "AA" x 2  
Battery Charger  
Charger Adaptor  
ACE45HG AC Adaptor  
Carrying Case  
DT-10CLA Cleaning Cassette  
Headphones

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