



Toshiba MW20FN1 Owner's Manual

Combination flat color television and video cassette recorder/dvd video player

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DIGITAL VIDEO

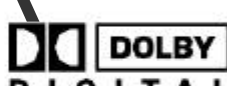
**COMBINATION FLAT COLOR
TELEVISION AND VIDEO CASSETTE
RECORDER / DVD VIDEO PLAYER
MW20FN1/R**



MW24FN1/R

TOSHIBA

MW27FN1/R



OWNER'S MANUAL

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This device does not tape-record copy protected DVD Video Discs.

Illustration of MW20FN1/R

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[Tvs Toshiba MW27FN1R Service Manual](#)

Color television/video cassette recorder/dvd video player (130 pages)

[DVD VCR Combo Toshiba MW27FN1 Service Manual](#)

Color television/ video cassette recorder/ dvd video player (111 pages)

[DVD Player Toshiba MW24FN1R Service Manual](#)

Color television/ video cassette recorder/ dvd video player (103 pages)

[TV Toshiba MW20FN1/R Owner's Manual](#)

Combination flat color television and video cassette recorder/dvd video player (68 pages)

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Color television/video cassette recorder/dvd video player (105 pages)

[TV DVD Combo Toshiba MW24F11 Owner's Manual](#)

Combination flat color television and video cassette recorder / dvd video player (68 pages)

[TV DVD Combo Toshiba MW24F12 Owner's Manual](#)

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[TV DVD Combo Toshiba MW20F51 Owner's Manual](#)

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[TV DVD Combo Toshiba MW20FM1 Owner's Manual](#)

Combination flat color television and video cassette recorder / dvd video player (77 pages)

Summary of Contents for Toshiba MW20FN1

[Page 1](#) TELEVISION AND VIDEO CASSETTE RECORDER / DVD VIDEO PLAYER MW20FN1/R
MW24FN1/R MW27FN1/R OWNER'S MANUAL ©2003 Toshiba Corporation This device does not
tape-record copy protected DVD Video Discs. Illustration of MW20FN1/R Introduction

[Page 2: Introduction](#)

Introduction IMPORTANT SAFEGUARDS CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, do not expose this appliance to rain or moisture.

[Page 3](#) 1. READ INSTRUCTIONS All the safety and operating instructions should be read before the unit is operated. 2. RETAIN INSTRUCTIONS The safety and operating instructions should be retained for future reference. 3. HEED WARNINGS All warnings on the unit and in the operating instructions should be adhered to. 4.

[Page 4](#) Introduction IMPORTANT SAFEGUARDS 14. POWER LINES An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall onto or against such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

[Page 5: Power Source](#)

IMPORTANT SAFEGUARDS 27. NOTE TO CATV SYSTEM INSTALLER This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

[Page 6: Precautions](#)

Introduction Precautions Notes on handling When shipping the unit, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory. Do not use volatile liquids, such as insect spray, near the unit.

[Page 7: Notes On Discs](#)

Notes on discs On handling discs Do not touch the playback side of the disc. Do not attach paper or tape to discs. On cleaning discs Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth.

[Page 8: Playable Discs](#)

Introduction Notes on discs (continued) About this owner's manual This owner's manual explains the basic instructions of this unit. Some DVD video discs are produced in a manner that allows specific or limited operation during playback. As such, the unit may not respond to all operating commands.

[Page 9: Table Of Contents](#)

Contents Introduction IMPORTANT SAFEGUARDS ... 2 Power source ... 5 Precautions ... 6 Notes on discs... 7 Contents ... 9 Identification of Controls ... 10 Connections Antenna connections ... 14 Cable TV connections ... 15 Connecting to optional equipment... 16 Basic setup Setting the language ...

[Page 10: Identification Of Controls](#)

Identification of Controls See the page in for details. This owner's manual uses the illustrations of MW20FN1/R. MW27FN1/R model has some differences in appearance from the illustrations. Example: The front panel buttons are round instead of square. Front panel Illustration of MW20FN1/R...

[Page 11](#) TV/VCR operation status Press DISPLAY to display the information on the screen. To cancel the display, press DISPLAY again. While watching TV Day of the week TV/VCR Clock Stereo and second audio program DVD/Audio CD/Video CD operation status Press DISPLAY to display the information on the screen. To cancel the display, press DISPLAY again.

[Page 12: Remote Control](#)

Introduction Identification of Controls (continued) The instructions in this manual describe the

functions on the remote control. See the page in Remote control DVD button TV/VCR button Direct channel selection buttons Number buttons DISPLAY button 11 SLEEP button 24 AUDIO SELECT button 46 REC buttons 40 TIMER REC buttons 43 PLAY button 36...

[Page 13: Inserting Batteries](#)

Approx. 7 meters. Install two "AAA" batteries (supplied), paying attention to the polarity diagram in the battery compartment.) are also used to navigate on-screen menu system. Replace the compartment cover. Illustration of MW20FN1/R Approx. 7 meters...

[Page 14: Connections](#)

Connections Antenna connections If you are using an indoor or outdoor antenna, follow the instructions below that correspond to your antenna system. If you are using a cable TV service (CATV), see page 15 for Cable TV connections. Combination VHF/UHF Antenna (Single 75 ohm Cable or 300 ohm Twin-lead Wire) Antenna Jack 75 ohm...

[Page 15: Cable Tv Connections](#)

Cable TV Connections This unit has an extended tuning range and can tune most cable channels without using a Cable TV Converter box. Some cable companies offer "premium pay channels" in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

[Page 16: Connecting To Optional Equipment](#)

You can enjoy the TV game, camcorder or high quality dynamic sounds of DVD video discs or audio CDs by connecting the unit to optional audio equipment. Connecting a camcorder or a TV game Select "LINE 2" using the INPUT SELECT button. Signal flow Illustration of MW20FN1/R AUDIO PHONES VIDEO L/MONO...

[Page 17](#) Connecting to an amplifier equipped with a Dolby Digital decoder Dolby Digital Dolby Digital is the surround sound technology used in theaters showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs with this dynamic realistic sound by connecting the unit to a 6 channel amplifier equipped with a Dolby Digital decoder or Dolby Digital processor.

[Page 18](#) Connections Warning: When playing DTS-encoded discs (unit), excessive noise may be output from the analog stereo jacks. To avoid possible damage to the audio system, you should take proper precautions when the ANALOG AUDIO OUT (L/R) jacks of the unit are connected to an amplification system.

[Page 19: Basic Setup](#)

Basic setup Setting the language This unit can display the on screen language in English, Spanish or French. Language selection (step 3) will automatically appear on the screen when you press MENU initially. Select the language you prefer first, then proceed with the other menu options. Setting the language Preparation: •...

[Page 20: Clock Setting](#)

Basic setup Clock setting The Auto Clock function will automatically set the built-in clock (Month, Day, Year and Time) when the unit is connected to an Antenna or Cable system and it is turned off. As the unit searches for a receivable station in your area and it receives a broadcast signal for Auto Clock, the Auto Clock needs several minutes to set itself.

[Page 21](#) To set standard time In the rare event that you live within broadcast range of two stations in two different time zones, the unit may recognize the wrong station for the Auto Clock set. To correct the situation: Press MENU. MENU SETUP Press...

[Page 22: Manual Clock Setting](#)

Basic setup Clock setting (continued) You must set the date and time manually for Timer Recordings, ON/OFF Timer and Daylight Saving Time if the Auto Clock process did not set them correctly. Manual clock setting EXAMPLE: Setting the clock to "8:30 AM", 29th. (WED) October, 2003.

[Page 23: Tv Operation](#)

TV operation TV Operation TV operation To turn on the unit, press POWER. POWER Press TV/VCR to select the TV/VCR mode. TV/VCR Adjust the volume level by pressing VOLUME L or M. The volume level will be indicated on the screen by green bars. As the volume level increases, so do the VOLUME number of bars.

[Page 24: Channel Return](#)

TV operation TV Operation (continued) Sleep To set the unit to turn off after a preset amount of time, press SLEEP on the remote control. The clock will count down 10 minutes for each press of SLEEP (120, 110, ...10, 0). After the sleep time is programmed, the display will appear briefly every ten minutes to remind you that the sleep timer is operating.

[Page 25: Closed Captions](#)

Closed Captions Press this button to switch between normal TV and the two closed caption modes (captions and full screen text). Closed captioning will display text on the screen for hearing impaired viewers. CLOSED CAPTION SKIP WHAT IS CLOSED CAPTIONING? This television has the capability to decode and display Closed Captioned television programs.

[Page 26: Setting Channels Automatically](#)

TV operation Tuner setting This unit is equipped with a channel memory feature which allows channels to skip up or down to the next channel set into memory, skipping over unwanted channels. Before selecting channels, they must be programmed into the unit's memory. In addition to normal VHF and UHF channels, this unit can receive up to 113 Cable TV channels.

[Page 27](#) To ADD/DELETE channels Press MENU. Press to select "CH SETUP", then press ENTER. MENU SETUP ENTER Press to select "ADD/DELETE", then press ENTER. ENTER Select the desired channel to be added or deleted using You can also select the channel using the Direct channel selection ENTER buttons (10 keys, 0-9).

[Page 28: Setting The V-Chip](#)

TV operation Setting the V-Chip An age limitation can be set to forbid children to watch programs according to "TV RATING" and "MOVIE RATING" level set. To use the V-Chip function, you must register a password. To register password Press MENU. Press then press ENTER.

[Page 29](#) Press to select desired rating, then press ENTER. ENTER /ENTER/MENU MOVIE RATING is not set All ages Parental guidance PG-13 : Parental guidance less than 13 years old Under 17 years old Parental guidance suggested NC-17 : 17 years old and above Adult only Press to select "V-CHIP".

[Page 30: To Change Password](#)

TV operation Setting the V-Chip (continued) To Change password Press MENU. Press then press ENTER. MENU SETUP ENTER Press to select "V-CHIP SET", then press ENTER. ENTER Enter the Password using the Number buttons (0-9), then press ENTER. ENTER Press to select "CHANGE PASSWORD", then press ENTER.

[Page 31: To Set The On Timer](#)

To set the on timer This feature allows you to have the unit automatically turn on at a predetermined time. If you program the ON TIMER once, the unit will turn on on the programmed day (daily/weekly) at the same time to the same channel. To set the on timer EXAMPLE: Turning on the TV to channel 12 at 7:00 AM, MONDAY-FRIDAY.

[Page 32: To Set The Off Timer](#)

TV operation To set the off timer This feature allows you to have the unit turn off automatically at a predetermined time. If you program the OFF TIMER once, the unit will automatically turn off at the same time everyday. To set the off timer EXAMPLE: Turning off the TV at 11:30 PM.

[Page 33: Picture Control Adjustment](#)

Picture control adjustment Picture controls are factory preset but you can adjust them individually as follows: Picture control adjustment To display the picture adjustment screen, press MENU. Press to select "TV SETUP", then press ENTER. MENU SETUP ENTER Press to select

"PICTURE", then press ENTER .

[Page 34: Sound Control Adjustment](#)

TV operation Sound control adjustment Sound control adjustment To display the sound adjustment screen, press MENU. Press to select "TV SETUP", then press ENTER. MENU SETUP ENTER Press to select "AUDIO", then press ENTER. ENTER Press ENTER repeatedly until the desired item appears on the screen.

[Page 35: Playback \(Vcr\)](#)

Playback (VCR) Loading and unloading a cassette tape Use only video cassette tapes marked Loading Push the center of the tape until it is automatically inserted. Automatic power ON When you insert a cassette tape the unit power will turn ON automatically. Automatic playback When loading a cassette tape without an erase prevention tab, playback will start automatically.

[Page 36: Cassette Tape Playback](#)

OPEN/CLOSE VOLUME SKIP STOP POWER REC/OTR TIMER REC LINE IN 2 Illustration of MW20FN1/R PLAY STOP/EJECT Rewind or forward the tape Preparation: • Press TV/VCR to select the TV/VCR mode. Stop the playback or recording with STOP. To rewind the tape: "...

[Page 37: Special Playback](#)

Special playback Picture search Reverse picture search function Press REV once or twice during the playback. Forward picture search function Press FWD once or twice during the playback. To return to playback, press PLAY. SPEED SEARCH TIMES PICTURE SEARCH SPEED TAPE SPEED PRESS ONCE SP (Standard Play)

[Page 38: Convenient Function](#)

Playback (VCR) Convenient function Repeat playback The entire video tape will be played until its end. The tape will automatically rewind to the beginning and the playback will be repeated. Press MENU. Press REPEAT". MENU SETUP ENTER Then press ENTER to select "ON" or "OFF". If "ON"...

[Page 39: Video Head Cleaning](#)

Zero return function The zero return function provides a convenient method of rapidly returning to the starting point of recording or playback. The starting point can be indexed for any location on the tape by pressing COUNTER RESET and ZERO RETURN. Press DISPLAY.

[Page 40: Recording \(Vcr\)](#)

Recording (VCR) Recording a TV program Recording and viewing the same TV program. Recording a TV program Load a cassette tape with the erase prevention tab intact. The unit will automatically turn on. Press SP/SLP to select the desired tape speed SP or SLP.

[Page 41](#) To stop recording Press STOP to stop recording. " " will appear on screen for about 4 seconds. STOP To stop recording temporarily Press PAUSE/STILL to avoid recording unwanted material. " " will appear on the screen and the REC/OTR indicator will blink on and off.

[Page 42: One-Touch Timer Recording \(Otr\)](#)

Recording (VCR) One-touch Timer Recording (OTR) The One-touch Timer Recording feature provides a simple and convenient way to make a timed recording. One-touch Timer Recording (OTR) Example: One-touch Timer Recording for 30 minutes. Load a cassette tape with the erase prevention tab intact.

[Page 43: Timer Recording](#)

Timer recording Timer recording can be programmed on-screen with the remote control. The built-in timer allows automatic unattended recording of up to 8 programs within 1 month. Timer recording Preparation: • Press TV/VCR to select the TV/VCR mode. • Load a cassette tape with the erase prevention tab intact.

[Page 44](#) Recording (VCR) Timer recording (continued) To set daily/weekly timer Weekly (e.g. WKL-TUE: each Tuesday) or daily (e.g. MON-SAT: Monday to Saturday) Timer recording Follow the procedure of timer recording on the previous page. At picture 3 press repeatedly until the

desired setting appears.

[Page 45: Other Functions \(Vcr\)](#)

Other functions (VCR) Setting the surround sound/ Setting the stable sound Setting the surround sound The surround sound feature expands the audio listening field wider and deeper to create exceptional sound quality from the TV's speakers. Press MENU. Press to select "TV SETUP", then press ENTER.

[Page 46: Second Audio Program \(Sap\)/ Stereo Recording And Playback](#)

Other functions (VCR) Second Audio Program (SAP)/ Stereo recording and playback Second Audio Program (SAP) Your unit is fitted with a SAP broadcast system which enables you to switch to a Second Audio Program when viewing a selected channel. This function applies only when the program is broadcast in multi-languages through the SAP broadcast system.

[Page 47: Duplicating A Video Tape](#)

TV/VCR To AUDIO (R) OUT To AUDIO (L) OUT VHF/UHF OUT PUT LINE 1 IN To VIDEO IN VIDEO VIDEO DIGITAL AUDIO (MONO) COAXIAL AUDIO AUDIO To AUDIO (L) IN To AUDIO (R) IN To AV Jack Illustration of MW20FN1/R...

[Page 48: Recording A Dvd/Cd Disc](#)

Recording a DVD/CD disc You can record disc material in DVD, Audio CD, etc. onto a video tape with this unit. Duplicating a DVD or CD disc Preparation: • Press TV/VCR to select the TV/VCR mode. • Load a cassette tape with the erase prevention tab intact. •...

[Page 49: Basic Playback \(Dvd\)](#)

Basic playback (DVD) Preparation The following pages describe the setup/operation in DVD mode. Preparation Insert the AC cord plug into a standard 120V 60Hz polarized AC outlet. If the AC cord plug is plugged in for the first time, wait for about 5 seconds before pressing POWER.

[Page 50: Playback Procedure](#)

Basic playback (DVD) Playback procedure Illustration of MW20FN1/R Playback procedure Press OPEN/CLOSE on the unit. The disc tray will open. OPEN/CLOSE Place a disc onto the tray. Position it with the printed label side up, align it with the guides, and place it in its proper position.

[Page 51: Special Playback](#)

Special playback Note: There may be a slight delay between when you press the button and the function activating. Fast forward playback Press FWD during normal playback. Each press of FWD will increase the speed of the search To resume normal playback, press PLAY PLAY.

[Page 52: Advanced Playback \(Dvd\)](#)

Advanced playback (DVD) Zooming/Locating desired scene Zooming This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame. Press DVD to select DVD mode. Press ZOOM during playback. The center part of the image will be zoomed in.

[Page 53: Repeat, Random And Program Playback/Repeat A-B](#)

Repeat, Random and Program playback/Repeat A-B Repeat, Random and Program playback Press PLAY MODE during playback or stop mode. TRK - Each time you press PLAY MODE, playback mode changes as follows. PLAY MODE On screen display Operation → Title: Repeats the current title.

[Page 54: Changing Soundtrack Language/Subtitles](#)

Advanced playback (DVD) Changing soundtrack language/ Subtitles Changing soundtrack language You can select the language when you play a multilingual disc. Press AUDIO SELECT during playback. The current soundtrack language will AUDIO SELECT appear. Press AUDIO SELECT repeatedly until the desired language is selected.

[Page 55: Changing Angles/Title Selection/Dvd Menu](#)

Changing angles/Title selection/DVD menu Changing Angles When playing back a disc recorded with multi-angle facility, you can change the view angle. Press ANGLE during playback. The current angle will appear. COUNTER RESET ANGLE Title Selection Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title. Press TOP MENU during playback.

[Page 56: Function Setup \(Dvd\)](#)

Function setup (DVD) Setting language You can change the default settings to customise performance to your preference. Setting Language Press DVD to select DVD mode. Press SETUP in the stop mode. Press to select "Language", then press or ENTER. MENU SETUP ENTER Press...

[Page 57: Setting The Aspect Ratio Of Tv Screen](#)

Setting the aspect ratio of TV screen/ Setting on screen display You can select the aspect ratio for your TV. On screen display can be switched on or off when you press the buttons. Setting the aspect ratio of TV screen Press DVD to select DVD mode.

[Page 58: Dynamic Range Control](#)

Function setup (DVD) Dynamic Range Control DRC (Dynamic Range Control) enables you to control the dynamic range so as to achieve a suitable sound for your equipment. Dynamic Range Control Press DVD to select DVD mode. Press SETUP in the stop mode. Press MENU SETUP ENTER...

[Page 59: Parental Control Setting](#)

Parental control setting Some discs are specified not suitable for children. Such discs can be limited not to play back with the unit. Parental control setting Press DVD to select DVD mode. Press SETUP in the stop mode. Press or to select "Parental", then press or ENTER.

[Page 60: To Change The Parental Level](#)

Function setup (DVD) To change the parental level To change the parental level Press DVD to select DVD mode. Press SETUP in the stop mode or No Disc. Press "Parental", then press MENU SETUP ENTER Press to select "Password", then press or ENTER.

[Page 61: Temporary Disabling Of Rating Level By Dvd Disc](#)

To change the parental level (continued)/Temporary disabling of rating level by DVD disc Press ENTER. The parental level is now changed and locked. ENTER • If you want to return to the previous menu, press Temporary disabling of rating level by DVD disc Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set.

[Page 62: Others](#)

Others Before calling service personnel Check the following guide for the possible cause of a problem before contacting service. Symptoms and correction SYMPTOMS POWER The AC power cord is not connected. No power. Although the power is on, the Cassette or disc is not inserted. unit does not operate.

[Page 63](#) SYMPTOMS The video cassette's erase prevention tab TV recording does not work. is broken off. The time is not set correctly. The recording start/end time is not set Timer recording does not correctly. work. The TIMER REC buttons have not been pressed at the same time (the TIMER REC indicator is not lit).

[Page 64: Reception Disturbances](#)

Others Reception disturbances Most types of television interference can be remedied by adjusting the height and position of the VHF/UHF antenna. Outdoor antennas are recommended for best results. The most common types of television interference are shown below. If one of these symptoms appear when the unit is connected to a Cable TV system, the disturbance may be caused by the local Cable TV company broadcast.

[Page 65: Language Code List](#)

Language code list Enter the appropriate code number for the initial settings "Menu", "Audio" and/or "Subtitle" (see page 56). Language Name Code Language Name Code Language Name Code Language Name Code Abkhazian 1112 Fiji Afar 1111 Finnish Afrikaans 1116 French

[Page 66: Specifications](#)

Remote control ... 1 Batteries (AAA) ... 2 • Designs and specifications are subject to change without notice. • Tape Speed shown is approximate. MW20FN1/R Type 20 (508mm diagonal) Type 24 (600mm diagonal) 1-13/16 (46mm) × 3-7/8 (99mm) inches, 8 ohm × 2 1.5W + 1.5W...

[Page 67: Limited Warranty](#)

Limited warranty Toshiba America Consumer Products, Inc. ("TACP") and Toshiba Hawaii Inc. ("THI") make the following limited warranties. These limited warranties extend to the original consumer purchaser or any person receiving this set as a gift from the original consumer purchaser and to no other purchaser or transferee .

[Page 68](#) ATTENTION CANADIAN CONSUMERS: Canadian consumers are requested to complete the special Canadian "Warranty Registration Form" enclosed, and forward this completed form with a copy of bill of sale to TOSHIBA OF CANADA to "Register and Validate" their warranty. Products purchased in the U.S.A. and used in Canada are not covered by these warranties.

This manual is also suitable for:

Mw24fn1Mw27fn1Mw20fn1/rMw24fn1/rMw27fn1/r