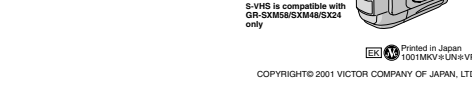


COMPACT VHS CAMCORDER JVC GR-SXM58 GR-SXM48 GR-FXM38 GR-SX24 GR-FX14

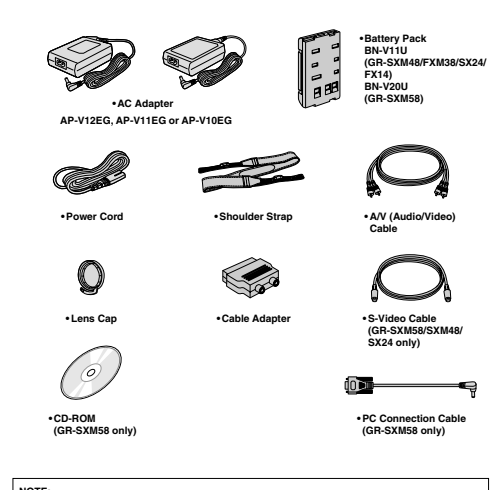


Dear Customer, Thank you for purchasing the JVC Compact VHS camcorder. Before use, please read "PRECAUTIONS" (pg. 3, 4) to ensure safe use of this product.

Automatic Demonstration Automatic demonstration takes place when "DEMO MODE" is set to "ON" (factory-preset). Available when the Power Switch is set to "ON" or "OFF".

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PROVIDED ACCESSORIES

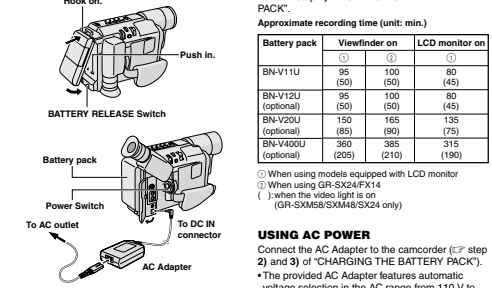


NOTE: In order to maintain optimum performance of the camcorder, provided cables may be equipped with one or more core filter. If a cable has only one core filter, the end that is closest to the filter should be connected to the camcorder.

PRECAUTIONS

SAFETY PRECAUTIONS IMPORTANT Connection to the mains supply in the United Kingdom. DO NOT cut out the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer. BE SURE to replace the fuse only with an identical approved type, as originally fitted, and to replace the fuse cover. If nonethless the mains plug is out of be sure to remove the fuse and dispose of the plug immediately, to avoid possible shock hazard by inadvertent connection to the mains supply. If this product is not supplied fitted with a mains plug then follow the instructions given below. DO NOT make any connection to the Larger Terminal (L) or Green. The wires in the mains lead are coloured in accordance with the following code: Blue to N (Neutral) or Black Brown to L (Live) or Red If these colours do not correspond with the terminal identifications of your plug, connect as follows: Blue wire to terminal coded N (Neutral) or coloured black. Brown wire to terminal coded L (Live) or coloured red. If in doubt - consult a competent electrician. WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. CAUTIONS To prevent shock, do not open the cabinet. No user serviceable parts inside. Refer servicing to qualified personnel only. When you are not using the AC Adapter for a long period of time, it is recommended that you disconnect the power cord from AC outlet.

GETTING STARTED

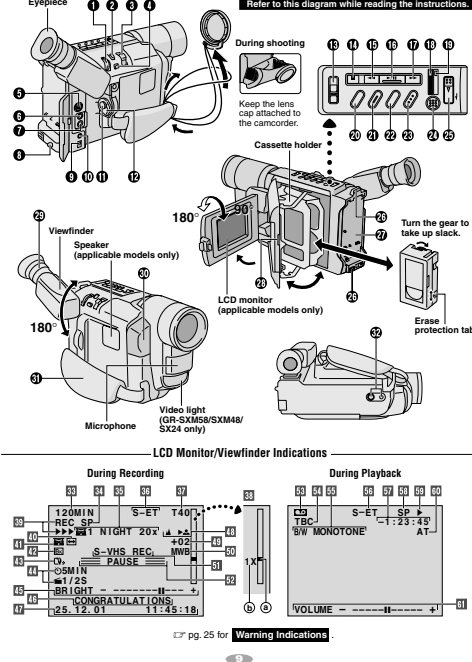


Hook on the BATTERY RELEASE Switch. CHARGING THE BATTERY PACK 1) Hook the end of the battery pack to the camcorder and push the battery until it locks in place. 2) Set the Power Switch to "OFF". Connect the AC Adapter to the DC IN connector. Then connect the Power Cord to the AC Adapter. 3) Plug the Power Cord into an AC outlet. The CHARGE lamp blinks to indicate charging has started. 4) When the CHARGE lamp stops blinking but stays lit, charging is finished. Unplug the AC Adapter from the camcorder. To Attach the Battery Pack - slide BATTERY RELEASE and pull out the battery pack.

USING THE BATTERY PACK

Perform step 1) of "CHARGING THE BATTERY PACK". Approximate recording time (unit: min.) Battery pack Viewfinder on LCD monitor on BN-V11U 95 100 80 BN-V12U (optional) 95 100 80 BN-V20U 150 165 135 BN-V400U 360 385 315 (optional) (205) (210) (190) When using models equipped with LCD monitor 1) When using GR-SX24/FX14 () when the video light is on (GR-SXM58/SXM48/SX24 only) USING AC POWER Connect the AC Adapter to the camcorder (step 2) and 3) of "CHARGING THE BATTERY PACK". The provided AC Adapter features automatic voltage selection in the AC range from 110 V to 240 V. ATTENTION Before detaching the power source, make sure that the camcorder's power is turned off. Failure to do so can result in a camcorder malfunction. REFRESH: 1) Perform steps 1) through 3) of "CHARGING THE BATTERY PACK". 2) Press REFRESH for over 2 seconds. The REFRESH lamp blinks to indicate discharging has started. 3) When discharging is finished, charging automatically starts and the CHARGE lamp blinks. Charge marker helps you remember whether the battery pack has been recharged or not. Two colours are provided (red and black) - you choose which one means charged and which means discharged.

CONTROLS, CONNECTORS AND INDICATORS



1 MENU Wheel [-, +] pg. 18 2 BRIGHT Wheel [B+] pg. 11 3 TRACKING Wheel [-, +] pg. 14 4 Snapshot Button [SNAPSHOT] pg. 12 5 5-Second Recording Button [5 SEC. REC.] pg. 12 6 Zoom Lever [Z] pg. 13 7 Picture Volume Control [VOL.] pg. 13 8 Picture Stabilizer Button [P.STABILIZER] pg. 12 9 Time Base Corrector Button [TBC] pg. 14 10 Audio Output Connector [SP] pg. 15 11 Video Output Connector [A] pg. 15 12 Battery Release Switch [BATTERY RELEASE] pg. 6 13 DC IN Connector pg. 6 14 Digital Connector [DIGITAL] pg. 11 15 Recording Start/Stop Button pg. 11 16 Power Switch [ON, OFF,] pg. 11 17 Video Light Switch [LIGHT OFF/AUTO/ON] pg. 13 18 Stop Button [STOP] pg. 11 19 Retake Rewind Button [RETAKE R] pg. 13 20 Quick Review Button [Q.R.] pg. 13 21 Counter Reset/Memory Button [COUNTER R/M] pg. 14 22 Play/Pause Button pg. 11 23 Retake Forward Button [RETAKE F] pg. 13 24 CHARGE Lamp pg. 6 25 REFRESH Lamp pg. 6 26 Fade/Wipe Button [FADE/WIPE] pg. 23 27 Counter Reset/Memory Button [COUNTER R/M] pg. 14 28 Programme AE Button [P.AE] pg. 24 29 Digital Effect Button [DIGIEFFECT] pg. 24 30 NIGHT-SCOPE Button pg. 23 31 REFRESH Button pg. 6 32 EJECT Switch pg. 8 33 Shoulder Strap Eyelets pg. 8 34 Battery Pack Mount pg. 6 35 Close Button pg. 8 36 Dioptric Adjustment Control pg. 8 37 Camera Sensor Be careful not to cover this area; a sensor necessary for shooting is built-in here. pg. 8 38 Grip Strap pg. 8 39 Tripod Mounting Socket pg. 8 40 Tape Remaining Time pg. 21 41 Recording Mode Indicator pg. 20 42 Digital Effect Indicator pg. 24 43 Programme AE Indicator pg. 24 44 Night-Scope Indicator pg. 24 45 Fade/Wipe-Standby Indicator pg. 23 46 Recording Format Indicator [S-ET] pg. 20 47 Tape Length Indicator pg. 21 48 Focus Indicator Bar pg. 13 49 Zoom Level Indicator 50 Approximate Zoom Ratio 51 Recording Indicator pg. 11 52 Digital Effect Indicator pg. 24 53 Programme AE Indicator pg. 24 54 Night-Scope Indicator pg. 24 55 Fade/Wipe-Standby Indicator pg. 23 56 Picture Stabilizer Indicator pg. 12 57 Interval Time/Recording Time Indicator pg. 21 58 5 Sec. Rec Mode Indicator pg. 12 59 Bright Level Indicator pg. 11 60 Instant Title Display pg. 19 61 Date/Time Display pg. 19 62 Focus Indicator pg. 13 63 Exposure Control Level Counter pg. 18 64 White Balance Mode Indicator pg. 10 65 S-VHS/S-VHS ET Recording Indicator pg. 20 66 Record-Standby Mode Indicator pg. 11 67 TBC Indicator pg. 14 68 Playback Special Effect Indicator pg. 14 69 Recording Mode Indicator [SP/LP] pg. 20 70 Tape Running Indicator 71 Playback 72 Fast Forward Shuttle Search 73 Rewind Shuttle Search 74 Pause 75 Tracking Indicator pg. 14 76 BRIGHT, Bright Level Indicator pg. 11 77 VOLUME, Speaker Volume Indicator pg. 11 78 Camera Sensor Be careful not to cover this area; a sensor necessary for shooting is built-in here. pg. 8 79 Grip Strap pg. 8 80 Tripod Mounting Socket pg. 8

Zooming

To produce the zoom in/out effect. Digital circuitry extends the maximum magnification offered by optical zoom. This system is called Digital Zoom. Slide the Power Zoom Lever towards T to zoom in, or W to zoom out. The further you slide the Power Zoom Lever, the quicker the zoom action. Focusing may become unstable during Zooming. In this case, set the video light in Record-Standby, lock the focus by using the manual focus (pg. 18, FOCUS in CAMERA MENU), then zoom in or out in Record mode. The zoom level indicator moves during zoom. Once the zoom level indicator reaches the top, all magnification from that point is through digital processing. When using Digital Zoom, the quality of image may suffer. To deactivate Digital Zoom, set "D.ZOOM" (pg. 20) to "OFF" in SYSTEM MENU. Digital zoom cannot be used when the "VIDEO ECHO" mode (pg. 24, "Digital Effects") is activated. Video Light (GR-SXM58/SXM48/SX24 only) To brighten the scene when natural lighting is too dim. Set LIGHT OFF/AUTO/ON to "AUTO": ON - Always keeps the light on as long as the camcorder is turned on. It is recommended to set M.W.B. (pg. 19) to "ON" in CAMERA MENU when you use the video light. Even if the battery indicator () does not blink if the battery pack's charge is low, the camcorder may turn off automatically when you turn on the video light, or when you start recording with the video light turned on. When LIGHT OFF/AUTO/ON is set to "AUTO": Depending on the lighting conditions, the video light may keep turning on and off. Set LIGHT OFF/AUTO/ON to "ON" or "OFF" as required. While the "Sports" or "High Speed Shutter" mode is engaged, the light is likely to stay on. While the "Twilight" mode is engaged, the light will not activate (pg. 24, "Programme AE with Special Effects").

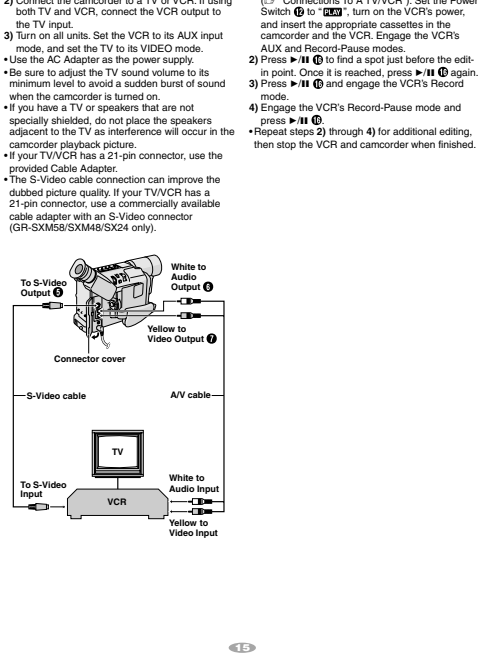
Tracking

Eliminates noise bars that appear on-screen during playback. To activate Manual Tracking: 1) Press the TRACKING Wheel for approx. 2 seconds. "MT" appears. 2) Rotate the TRACKING Wheel so that the noise bars disappear. To return to Auto Tracking, press the TRACKING Wheel for approx. 2 seconds or while the Power Switch is "OFF" and then "ON" again. "AT" blinks. When Auto Tracking finishes, the indication disappears. When noise bars appear during playback, the camcorder enters the Auto Tracking mode and "AT" appears. Manual Tracking may not work with tapes recorded on other VCRs or camcorders. TBC (Time Base Corrector) Removes jitter from fluctuating video signals to deliver a stable picture even with old tapes. 1) Activate "TBC and Auto Tracking". 2) Press TBC for more than 1 second. When the TBC mode is activated, "TBC" is displayed. The "TBC" indicator turns green (grey with a camcorder equipped with a black/white viewfinder) while TBC is working, and white while TBC is not operative. TBC does not work during Still Playback and Shuttle Search (pg. 11). It may take a few seconds before TBC actually starts working. The picture may be distorted if the TBC mode is activated or deactivated at the edit-in/out points or when normal playback resumes after Still Playback or Shuttle Search (pg. 11). If the playback picture is distorted when TBC is set on, turn off TBC.

RECORDING

SET RECORD MODE, S-VHS (S-VHS ET)*, TAPE LENGTH MODE and DATE/TIME in SYSTEM MENU. (pg. 18 - 22, "MENU SETTINGS") 1 Remove the lens cap. Set the Power Switch to "ON" or "OFF". Shooting while using the viewfinder: Make sure the LCD monitor is closed and locked. Shooting while using the LCD monitor*: Make sure the LCD monitor is fully open. The camcorder enters the Record-Standby mode and "PAUSE" is displayed. If you tilt the LCD monitor upward to 180 degrees, the viewfinder switches back on and the monitored image can be viewed both on the LCD monitor and in the viewfinder, so the person you shoot can view himself/herself. 2 Press the Recording Start/Stop Button. The camcorder re-enters the Record-Standby mode. To Adjust the Brightness of the LCD Monitor*, rotate the BRIGHT Wheel until the bright level indicator on the display moves and the appropriate brightness is reached. * Applicable models only. ** GR-SXM58/SXM48/SX24 only.

Connections to a TV/VCR



TRIPOD MOUNTING

Align the screw and camera direction stud on the tripod with the tripod mounting socket. Then tighten the screw. When using a tripod, be sure to open and extend its legs fully to stabilise the camcorder. To prevent damage to the unit caused by falling over, do not use a small-sized tripod. CAUTION When using a tripod, be sure to open and extend its legs fully to stabilise the camcorder. To prevent damage to the unit caused by falling over, do not use a small-sized tripod. Viewfinder Adjustment 1) Set the Power Switch to "ON" or "OFF". 2) Turn the Dioptric Adjustment Control until the indicators in the viewfinder are clearly focused. Loading/Unloading A Cassette 1) Open the LCD monitor fully. Slide EJECT until the cassette holder opens. Do not use force to open. 2) Insert or remove a cassette. When inserting, make sure the label is facing outward. 3) Press the Close Button to close the cassette holder until it locks into place. Close the LCD monitor. Closing the LCD monitor while the cassette holder is still open may cause damage to the LCD monitor. Make sure the erase protection tab is in the position that allows recording. If not, slide the tab. Some cassettes have removable tabs. If the tab has been removed, cover the hole with adhesive tape. The cassette holder cannot be opened while the camcorder is in the record mode or detached from the power source. * Applicable models only.

SHOULDER STRAP ATTACHMENT

Thread the strap through the eyelet, then fold it back and thread it through the buckle. Repeat the procedure to attach the other end of the strap to the other eyelet, making sure the strap is not twisted. Adjust the length. Cassette holder Gear Turn to take up slack. Erase Protection tab Cassette holder

