

SETUP MANUAL



FWDP105F

See the Online Owner's Manual for details:
sanyo-av.com

- Step 1 Please visit website sanyo-av.com
Step 2 Select Download.
Step 3 Type in the Model # "FWDP105F", and click "Search".
Step 4 Select the Manual, and click on "Download".

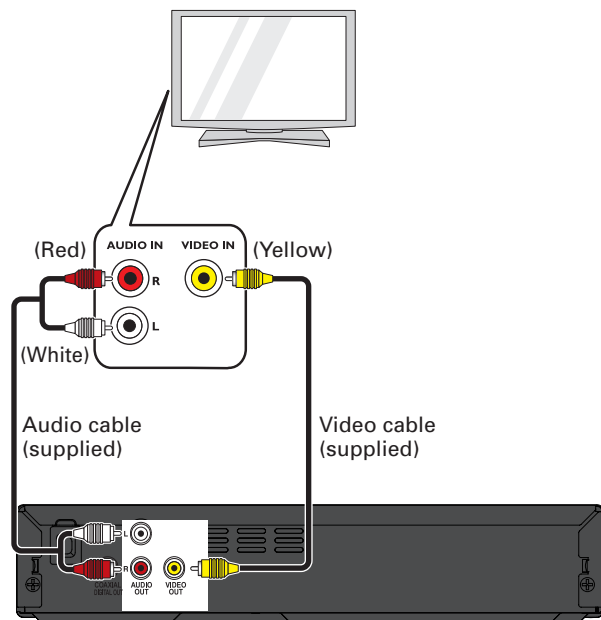
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E6T01UH
2VMN00189 ★★★★★

1 CONNECTIONS

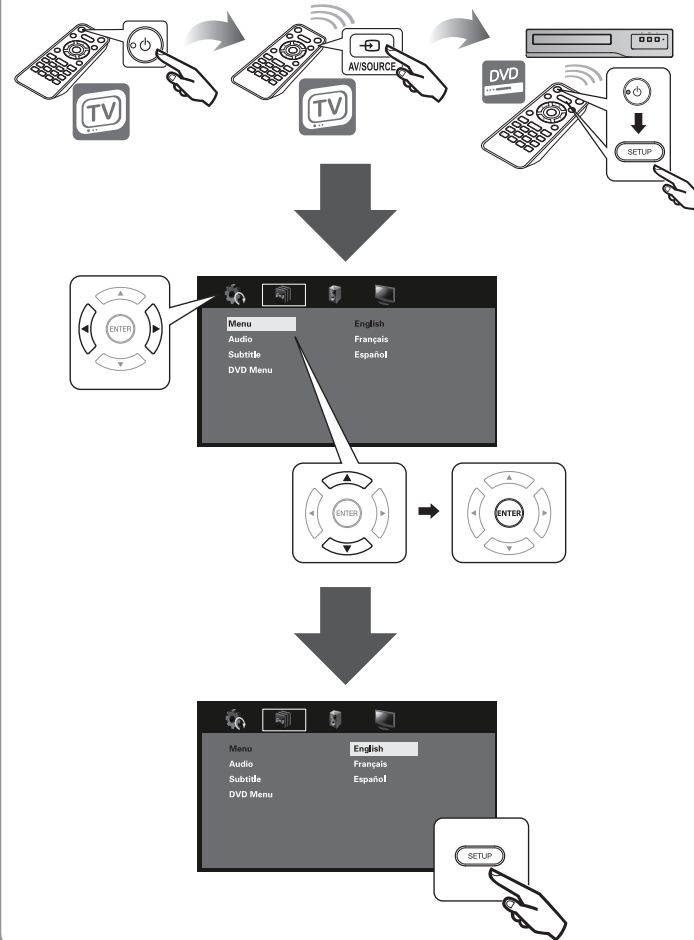
Connection to the TV



SUPPLIED ACCESSORIES

Remote Control (NC087UH)
Audio / video cables SETUP MANUAL

2 INITIAL SETUP



TROUBLESHOOTING

Problem	Tip
No power.	- Check if the AC power cord is properly connected. - Unplug the outlet once, and wait for 5-10 seconds and then plug it in again.
No sound or picture.	- Check if the TV is switched on. - Check the video connection. - Check the audio / video cable connections to the TV.
Distorted picture.	- Sometimes a small amount of picture distortion may appear. This is not a malfunction. - Connect the unit directly to the TV.
Completely distorted picture or black / white picture with DVD.	- Connect this unit directly to the TV. - Make sure the disc is compatible with the unit.
No sound or distorted sound.	- Adjust the volume. - Check that the speakers are connected correctly.
No DTS audio is output.	This unit does not support DTS audio. This is not a malfunction. You need to set this unit to "Bitstream" in "Audio Out" menu and also need to connect to the TV or amplifier that supports DTS, then the audio will be output as DTS. It is only available when connected via Coaxial.
Picture freezes momentarily during playback.	Check the disc for fingerprints / dirty and clean with a soft cloth wiping from center to edge.
Disc cannot be played back.	- Clean the disc. - Ensure the disc is inserted in correct direction. - Insert a correct disc that plays back on this unit. - Check if the disc is defective by trying another disc. - Check if the parental exceed the levels you set in "Rating" setting. (for DVD only)
No return to start-up screen when disc is removed.	Reset the unit by switching off the unit, then on again.
The unit does not respond to the remote control.	- Aim the remote control directly at the sensor on the front panel. - Reduce the distance to the unit. - Replace the batteries in the remote control. - Re-insert the batteries with their polarities (+/- signs) as indicated.

Buttons do not work or the unit stops responding.

- Please attempt to reset the unit to unplug the AC cable from wall outlet and then plug it again after 5-10 seconds.

The unit cannot read CD / DVD.

- Use a commonly available cleaning CD / DVD to clean the lens before sending the unit for repair.

Angle does not switch.

- The angle cannot be switched for DVD which do not contain multiple angles. In some cases multiple angles are only recorded for specific scenes.

The password for rating level has been forgotten.

- Enter the default password "4737", then your forgotten password will be cleared.

Problema	Solución
Sin alimentación.	- Compruebe si el cable de alimentación está conectado correctamente. - Desconecte el enchufe una vez, y espere 5-10 segundos y vuelva a conectarlo.
No se puede reproducir el disco.	- Limpie el disco. - Asegúrese que el disco esté insertado en la dirección correcta.
La unidad no responde al mando a distancia.	- Dirija el mando a distancia directamente a la ventana del sensor de infrarrojos del panel delantero. - Reduzca la distancia hasta la ventana del sensor de infrarrojos. - Sustituya las pilas del mando a distancia. - Vuelva a introducir las pilas con su polaridades (signos +/-) según se indican.



For product recycling information, please visit - sanyo-av.com

Click on



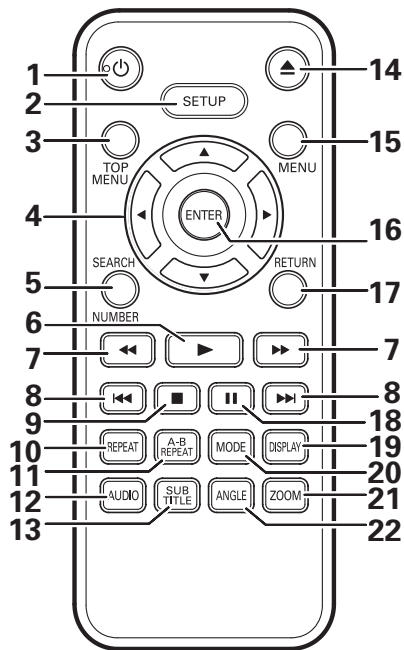
SERVICING

Even if this unit becomes inoperative, do not open cabinet to repair by yourself. There is no user-serviceable parts inside.

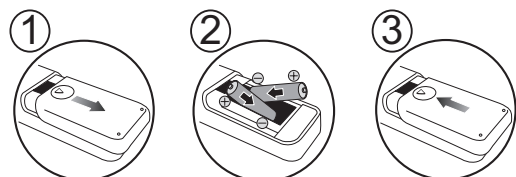
Turn off the unit, unplug the power plug and please visit sanyo-av.com for Online Support.

Before contacting us, please check model name and serial number pasted on the unit.

REMOTE CONTROL



INSERT BATTERIES
Install 2 AAA (1.5V) batteries
(not supplied)



ENGLISH	ESPAÑOL
1. To turn the unit on or to turn the unit into the standby mode. (To completely turn off the unit, you must unplug the AC power cord.)	Para encender la unidad o para dejarla en el modo de espera. (Para apagar completamente la unidad, debe desconectar el cable de alimentacion de CA.)
2. To call up the setup menu.	Para recuperar el menú de configuración.
3. To call up the title menu on a disc. (DVD)	Para visualizar el menú de títulos de un disco. (DVD)
4. To move the cursor. Press ◀ / ▶ to rotate the picture during playback JPEG files. (JPEG) To enter values in the input field.	Para mover el cursor. Presione ◀ / ▶ para girar la imagen en la reproducción de archivos JPEG. (JPEG) Para especificar valores en el campo de entrada.
5. To search chapter, title, tracks, files or time. To select button in menu. (DVD)	Para buscar un capítulo, título, pistas, archivos o tiempo. Para seleccionar el botón en el menú. (DVD)
6. To start playback or resume playback.	Para iniciar o reanudar la reproducción.
7. To search forward / backward through a disc. (x2, x4, x8, x20) (DVD / CD) To begin slow forward playback in the pause mode. (DVD)	Para buscar en avance/retroceso por un disco. (x2, x4, x8, x20) (DVD / CD) Para comenzar la reproducción en cámara lenta en el modo de pausa. (DVD)
8. To skip chapters, titles, tracks and files. While thumbnail is displayed, press to switch between pages. (JPEG)	Para omitir capítulos, títulos, pistas y archivos. Cuando se visualice la miniatura, presione el interruptor entre páginas. (JPEG)
9. To stop playback.	Para parar la reproducción.
10. To play back repeatedly.	Para reproducir repetidamente.
11. To repeat between your chosen point of A and B. (DVD / CD)	Para repetir entre su punto A y B seleccionado. (DVD / CD)
12. To select audio language on a disc. (DVD)	Para seleccionar lenguaje de audio en un disco. (DVD)
13. To select subtitle language on a disc. (DVD)	Para seleccionar el idioma de subtítulos de un disco. (DVD)
14. To open or close the disc tray. To turn on the unit.	Para abrir o cerrar la bandeja del disco. Para encender la unidad.

ENGLISH	ESPAÑOL
15. To call up the menu on a disc. (DVD) To display the thumbnail while a disc with JPEG files is inserted and a file is highlighted. (JPEG)	Para llamar el menú en un disco. (DVD) Para visualizar la miniatura cuando insertó un disco con archivos JPEG y algún archivo está resaltado. (JPEG)
16. To select items or settings.	Para seleccionar opciones o valores de configuración.
17. To call up the menu when playing back a disc. (DVD) To return to the file list while thumbnail is displayed. (JPEG)	Para volver al menú o pantalla anteriormente visualizado. (DVD) Para volver a la lista de archivos mientras se visualiza la miniatura. (JPEG)
18. To pause disc playback. To advance playback one frame at a time. (DVD)	Para hacer una pausa en la reproducción. Para avanzar la reproducción un cuadro cada vez. (DVD)
19. To display the current disc information.	Para mostrar la información del disco actual.
20. To play back randomly. (CD)	Para reproducir al azar. (CD)
21. To magnify part of a picture. (x1.5, x2, x2.5) (DVD / JPEG)	Para agrandar la parte de una imagen. (x1.5, x2, x2.5) (DVD / JPEG)
22. To select camera angles on a disc. (DVD)	Para seleccionar los ángulos de la cámara en un disco. (DVD)

If you have any questions or issues with our product, please refer to the "TROUBLESHOOTING" section of this "SETUP MANUAL", or visit our website for the Online Owner's Manual at sanyo-av.com.

See the Online Owner's Manual for details: sanyo-av.com

SAFETY INSTRUCTIONS

The model and serial numbers of this unit may be found on the cabinet. You should record and retain those numbers for future reference.

Model No.:
Serial No.:

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.



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.

The important note and rating are located on the rear or bottom of the cabinet.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

☒ The symbol for CLASS II (Double Insulation)

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

INSTRUCCIONES DE SEGURIDAD

El modelo y el número de serie de esta unidad se pueden encontrar en la caja. Deberá anotar y guardar el modelo y el número de serie para consultarlos, si los necesita, en el futuro.

Número de modelo:
Número de serie:

ADVERTENCIA:
PARA REDUCIR EL RIESGO DE QUE SE PRODUZCA UN INCENDIO O SE RECIBA UNA DESCARGA ELÉCTRICA, NO EXPONGA ESTE APARATO A LA LLUVIA NI A LA HUMEDAD. NO SE DEBERÁ EXPONER EL APARATO NI A GOTERAS NI A SALPICADURAS, Y NO DEBERÁ COLOCARSE NINGÚN OBJETO QUE CONTenga LIQUIDOS SOBRE EL APARATO, COMO POR EJEMPLO JARRONES.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



AVISO:
PARA REDUCIR EL RIESGO DE SUFRIR UNA DESCARGA ELÉCTRICA NO quite LA CUBIERTA (O EL PANEL POSTERIOR). EN EL INTERIOR DEL APARATO NO HAY PIEZAS QUE DEBA MANIPULAR EL USUARIO. SOLICITE EL SERVICIO DE REPARACIONES AL PERSONAL DE SERVICIO CUALIFICADO.

Las notas importantes y la calificación se encuentran ubicadas en la parte posterior o inferior del gabinete.



El símbolo del rayo con punta de flecha, en el interior de un triángulo equilátero, tiene la finalidad de avisar al usuario de la presencia de “tensión peligrosa” dentro de la caja del aparato que podría ser de suficiente intensidad como para constituir un riesgo para las personas en caso de que éstas recibiesen una descarga eléctrica.



El signo de exclamación dentro de un triángulo equilátero tiene la finalidad de avisar al usuario de la presencia de instrucciones de utilización y mantenimiento (servicio) en el material impreso que acompaña al aparato.

☒ Símbolo de CLASE II (doble aislamiento)

IMPORTANTES INSTRUCCIONES DE SEGURIDAD

1. Lea estas instrucciones.
2. Conserve estas instrucciones.
3. Preste atención a las advertencias.
4. Siga todas las instrucciones.
5. No utilice este aparato cerca del agua.
6. Limpie el aparato sólo con un paño seco.
7. No obstruya ninguna de las ranuras de ventilación. Realice

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

FCC WARNING
This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

RADIO-TV INTERFERENCE
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for help.

- la instalación según las instrucciones del fabricante.
8. No instale el equipo cerca de elementos para calefaccionar tales como radiadores, rejillas de calefacción, estufas eléctricas u otros aparatos (incluidos amplificadores).
 9. No desarme el dispositivo de seguridad del enchufe polarizado o con conexión a tierra. Un enchufe polarizado contiene dos clavijas, una más ancha que otra. Un enchufe con conexión a tierra contiene dos clavijas y una tercera clavija con conexión a tierra. La clavija ancha del enchufe polarizado o la clavija de conexión a tierra representan dispositivos de seguridad. Si el enchufe del aparato no entra en el tomacorriente, consulte con un electricista para reemplazar sus antiguos tomacorrientes.
 10. Asegúrese de proteger el cable de alimentación de las pisadas o torsiones especialmente en la zona de la clavija, en el receptáculo y en el punto donde el cable sale del aparato.
 11. Utilice únicamente los accesorios que especifica el fabricante.
 12. Utilice únicamente el carro, atril, trípode, soporte o la mesa que especifica el fabricante o que se vendió junto con el aparato. Cuando utilice un carro, sea cuidadoso al trasladar el conjunto carro/aparato para evitar daños por caídas de objetos.
 13. Desenchufe este aparato si hay tormentas eléctricas o durante largos períodos de inactividad.
 14. Confíe el servicio técnico sólo a personal calificado. El servicio técnico es necesario cuando el aparato sufre algún tipo de daño, por ejemplo cuando se dañan los cables de suministro eléctrico o la clavija, cuando se derrama líquido o se caen objetos sobre el aparato, cuando se lo expone a la lluvia o a humedad, cuando no funciona adecuadamente o cuando se cae.

No coloque la unidad sobre un mueble que pueda volcar si algún niño o adulto lo inclina, empuja, se coloca encima o trepa por él. La caída de la unidad puede provocar lesiones graves e incluso la muerte.

El aparato no debe colocarse en una instalación empotrada (por ejemplo: una biblioteca o un estante) a menos que cuente con la adecuada ventilación. Asegúrese de dejar un espacio de 3,9 pulgadas (10 cm), o más, alrededor del aparato.

Nunca use un desempolvador a gas en esta unidad. El gas del interior de la unidad puede inflamarse y explotar.

Disconnect the mains (AC) plug to shut off when find trouble or not in use. The mains (AC) plug shall remain readily operable.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
WARNING: Batteries (Battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

LASER SAFETY
This apparatus is classified as a CLASS 1 LASER PRODUCT. This apparatus employs a laser. Only a qualified service person should remove the cover or attempt to service this apparatus, due to possible eye injury.
CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



IMPORTANT COPYRIGHT INFORMATION
Unauthorized copying, broadcasting, public performance and lending of discs are prohibited. This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Do not place the unit on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death.

This apparatus should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Make sure to leave a space of 3.9 inches (10cm) or more around this apparatus.

 **ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.**

Never use a gas duster on this unit.
The gas trapped inside of this unit may cause ignition and explosion.

TRADEMARK INFORMATION

 Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
 is a trademark of DVD Format/Logo Licensing Corporation.

PLAYABLE DISCS

Type of media	Mark (logo)	Recorded signals
DVD-video		digital video (MPEG2)
DVD-RW DVD-R	 	digital video (MPEG2) or JPEG
audio CD		digital audio
CD-RW CD-R	   	digital audio or JPEG

UNPLAYABLE DISCS

DVD-audio DVD-RAM DVD-ROM for personal computers
DVD with region codes other than 1 or ALL
CD-ROM for personal computers HD DVD Blu-ray Disc™
photo CD CD-i SACD video CD

SPECIFICATIONS

General	
Signal system	NTSC Color
Power requirements	120 V AC +/- 10 %, 60 Hz +/- 0.5 %
Power consumption	7 W (standby: 0.9 W)
Dimensions (width x height x depth)	9.9 x 2.0 x 7.4 inches (250 x 50.2 x 187.7 mm)
Weight	1.95 lbs. (0.88 kg)
Operating temperature	41°F (5°C) to 104°F (40°C)
Operating humidity	Less than 80 % (no condensation)

Connection Specifics	
Audio output (Analog) (RCA jack x 2)	L/R: 2 Vrms (output impedance: more than 1kΩ)
Video output (RCA jack x 1)	1 Vp-p (75Ω)
Coaxial digital audio output (RCA jack x 1)	500mVp-p (75Ω)

Note

- The specifications and design of this product are subject to change without notice.

LIMITED WARRANTY

NINETY (90) DAY LABOR / ONE (1) YEAR PARTS

WARRANTY COVERAGE:
This warranty obligation is limited to the terms as set forth below.

WHO IS COVERED:
This product warranty is issued to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase (“Warranty Period”) from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:
This warranty covers new products if a defect in material or workmanship occurs and a valid claim is received within the Warranty Period. At its option, the company will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in current inventory, or (3) refund the original purchase price of the product. Replacement products or parts provided under this warranty are covered against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product’s warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes company property. When a refund is given, your product becomes company property.
Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:
This Limited Warranty applies only to new company manufactured products that can be identified by the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any hardware product or any software, even if packaged or sold with the product, as manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

The company is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or other additional product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this Limited Warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-supplied product, (b) to damage caused by service performed by anyone other than company approved Authorized Service Location, (c) to a product or a part that has been modified without written company permission, or (d) if any serial number has been removed or defaced, or (e) product, accessories or consumables sold “AS IS” without warranty of any kind by including refurbished product sold “AS IS” by some retailers.

This Limited Warranty does not cover:
•Shipping charges to return defective product.
•Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
•Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of the company.
•Damage or claims for products not being available for use, or for lost data or lost software.
•Damage from mishandled shipments or transit accidents when returning product.
•A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
•A product used for commercial or institutional purposes (including but not limited to rental purposes).
•Product lost in shipment and no signature verification receipt can be provided.
•Failure to operate per Owner’s Manual.

TO OBTAIN ASSISTANCE...
Contact the Customer Care Center at: 1 866 212 0436

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER, WITH THE ISSUING COMPANY NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

FUNAI CORPORATION, Inc. 19900 Van Ness Avenue, Torrance, CA 90501

REGION CODES

This unit has been designed to play back DVD-video with region “1” or “ALL”. You cannot play back DVD-video that are labeled for other regions. Look for the symbols on your DVD-video. If these region symbols do not appear on your DVD-video, you cannot play back the disc in this unit. The letter or number inside the globe refers to region of the world. A DVD-video labeled for a specific region can only be played back in the unit with the same region code.



See the Online Owner’s Manual for details: sanyo-av.com