



Reference Guide

GB

Network Media Player
NSZ-GS7

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to dripping or splashing, and do not place objects filled with liquids, such as vases, on the appliance.

To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles).

To avoid electric shock, do not open the cabinet. Refer servicing to qualified personnel only.

Do not expose batteries or appliances with battery installed to excessive heat, such as sunshine and fire.

Notice for customers in the United Kingdom and Republic of Ireland

A molded plug complying with BS1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a fuse of the same rating as the supplied one and approved by ASTA or BSI to BS1362, (i.e., marked with ⚡ or ⚡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

For customers in Asia Pacific and Africa

The above symbol is applicable in the European Union and other European countries with separate collection systems.



Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for customers:

The following information is only applicable to equipment sold in countries applying EU directives.

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Precautions

- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- Install this unit so that the AC power cord (mains lead) can be unplugged from the wall socket immediately in the event of trouble.
- The nameplate is located on the bottom of the player.
- The nameplate of the remote control is located inside the battery cover.

Installing

- Do not install this player in a confined space, such as a bookshelf or similar unit.

For customers in Australia

This equipment should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

Precautions

This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection cable shorter than 3 metres.

On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player on a soft surface such as a rug that might block the ventilation holes.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Do not place the player outdoors, in vehicles, on ships, or on other vessels.
- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may form on the outer surface and on interior of the player. Should this occur, the player may not operate properly. In this case, leave the player turned on for about half an hour until the moisture evaporates.
- Do not install the player in an inclined position. It is designed to be operated in a horizontal position only.
- Do not place metal objects in front or on the both sides of the player. It may limit reception of radio waves.
- Do not place the player in a place where medical equipment is in use. It may cause a malfunction of medical instruments.
- If you use a pacemaker or other medical device, consult your physician or the manufacturer of your medical device before using the wireless LAN function.
- Do not place heavy or unstable objects on the player.
- Disconnect the AC power cord (mains lead) and all other cables from the player when you move the player.

On power sources

- Disconnect the player from the wall outlet if you are not going to use the player for a long time. To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- Observe following points to prevent the AC power cord (mains lead) being damaged. Do not use the AC power cord (mains lead) if it is damaged, as doing so may result in an electric shock or fire.
 - Do not pinch the AC power cord (mains lead) between the player and wall, shelf, etc.
 - Do not put anything heavy on the AC power cord (mains lead) or pull on the AC power cord (mains lead) itself.

On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, your ears and the speakers may be damaged when a peak level section is played.

On cleaning

Clean the cabinet, panel, and controls with a soft cloth. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

On replacement of parts

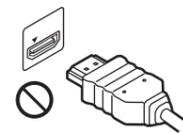
In the events that this player is repaired, repaired parts may be collected for reuse or recycling purposes.

On connecting to the HDMI jack

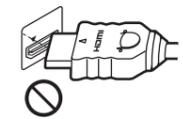
Observe the following as improper handling may damage the HDMI jack and the connector.

- Carefully align the HDMI jack on the rear of the player and the HDMI connector by checking their shapes. Make sure the connector is not upside down or tilted.

HDMI jack



HDMI jack



- Be sure to disconnect the HDMI cable when moving the player.



- Hold the HDMI connector straight when connecting or disconnecting the HDMI cable. Do not twist or force the HDMI connector into the HDMI jack.

On watching 3D video images

Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images.

Sony recommends that all viewers take regular breaks while watching 3D video images. The length and frequency of necessary breaks will vary from person to person.

You must decide what works best. If you experience any discomfort, you should stop watching the 3D video images until the discomfort ends; consult a doctor if you believe necessary. You should also review (i) the instruction manual and/or the caution message of any other device used with this product and (ii) our website* for the latest information. The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images. Adults should supervise young children to ensure they follow the recommendations listed above.

* For customers in Europe and UK

<http://www.sony-europe.com/myproduct/>

For customers in Asia Pacific and Africa

<http://www.sony-asia.com/support/>

IMPORTANT NOTICE

Caution: This player is capable of holding a still video image or on-screen display image on your television screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Plasma display panel televisions and projection televisions are susceptible to this.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

Specifications

Input/Output jacks	
HDMI IN	HDMI 19-pin standard connector Video: 480i/576i, 480p/576p, 720/50p/60p*1, 1080/50i/60i*1, 1080/24p/50p/60p*1 Audio: Linear PCM (up to 8ch), Dolby Digital
HDMI OUT	HDMI 19-pin standard connector Video: 720/50p/60p*2, 1080/50i/60i, 1080/24p/50p/60p*2 Audio: Linear PCM (up to 8ch), Dolby Digital, Dolby Digital Plus
DIGITAL AUDIO OUT (OPTICAL)	Optical output jack/-18dBm (wave length 660 nm) Linear PCM (2ch), Dolby Digital
LAN	100BASE-TX Terminal
USB	USB jack Type A*3
IR Blaster	Mini jack (For connecting the IR Blaster cable)
Power and others	
Power requirements	220-240 V AC, 50/60 Hz
Power consumption	21 W
Dimensions (approx.)	204 mm × 130 mm × 35 mm (width/depth/height) incl. projecting parts
Mass (approx.)	0.6 kg
Operating temperature	5 °C to 35 °C
Operating humidity	25% to 80%
Wireless	
Wireless LAN standard	IEEE 802.11b/g/n
Frequency range	2.4 GHz band: Channels 1-13
Modulation	DS-SS Modem and OFDM Modem
Bluetooth	
Communication system	Bluetooth Specification version 3.0
Frequency range	2.4 GHz band: Channels 79 with 1 MHz BW
Modulation	FHSS
Compatible Bluetooth profiles*4	HID (Human Interface Device Profile), SPP (Serial Port Profile)
Accessories	
Supplied accessories	Remote control (remote) NSG-MR5E (1)/R6 (Size AA) batteries*5 (2)/ AC power cord (mains lead) (1)/IR Blaster cable (1)/Quick Setup Guide (1)/ Getting Started (1)/Reference Guide (1)/Warranty card (1)

*1 Capability for 3D input.

*2 Capability for 3D output.

*3 For details on USB devices that can be connected to the player, see "Help Guide" (<http://www.sony.net/helpguide/r/networkplayer/>).

*4 Bluetooth profiles are standardized according to the purpose of the Bluetooth device.

*5 Alkaline batteries. Do not use manganese or lithium batteries when replacing old batteries.

Additional Information

About wireless LAN security

Since communication via the wireless LAN function is established by radio waves, the wireless signal may be susceptible to interception. To protect wireless communication, this player supports various security functions. Be sure to correctly configure the security settings in accordance with your network environment.

• No Security

Although you can easily make settings, anyone can intercept wireless communication or intrude into your wireless network, even without any sophisticated tools. Keep in mind that there is a risk of unauthorized access or interception of data.

• WEP

WEP applies security to communications to prevent outsiders from intercepting communications or intruding into your wireless network. WEP is a legacy security technology that enables older devices, which do not support TKIP/AES, to be connected.

• WPA-PSK (TKIP), WPA2-PSK (TKIP)

TKIP is a security technology developed to correct for the deficiencies of WEP. TKIP assures a higher security level than WEP.

• WPA-PSK (AES), WPA2-PSK (AES)

AES is a security technology that uses an advanced security method that is distinct from WEP and TKIP. AES assures a higher security level than WEP or TKIP.

Trademark Information

- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license.
- WPA™ and WPA2™ are marks of the Wi-Fi Alliance.
- Music and video recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, please visit www.gracenote.com. CD, DVD, Blu-ray Disc, and music and video-related data from Gracenote, Inc., copyright © 2000-present Gracenote. Gracenote Software, copyright © 2000-present Gracenote. One or more patents owned by Gracenote apply to this product and service. See the Gracenote website for a nonexhaustive list of applicable Gracenote patents. Gracenote, CDDB, MusicID, MediaVOCs, the Gracenote logo and logotype, and the "Powered by Gracenote" logo are either registered trademarks or trademarks of Gracenote in the United States and/or other countries.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.
- Contains Flash®, Flash® Lite® and/or Reader® technology by Adobe Systems Incorporated. This Sony Product contains Adobe® Flash® player software under license from Adobe System Incorporated, Copyright© 1995-2010 Adobe Systems Incorporated. All rights reserved. Adobe, Flash, Flash Lite and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- Designed with UEI Technology™ Under License from Universal Electronics Inc. Portions © UEI 2000 - 2012
- Other system and product names are generally trademarks or registered trademarks of the manufacturers. ™ and ® marks are not indicated in this document.

HDMI

DOLBY
DIGITAL PLUS

 **gracenote.**

 **Bluetooth®**

 **UEI**
TECHNOLOGY