

日産純正部品



Nissan Original Navigation System with Integrated Drive Recorder

operating instructions

DJ4-D

Nissan Genuine
Parts Drive Recorder
PART No.
G20A0-C9988

Please read this before use.

How to read this book

Thank you very much for your purchase. Please read the instruction manual carefully before use and use the product correctly and safely.

To prevent accidents, never operate this device while driving.

- The symbols and their meanings used in this book are as follows:

Things to keep in mind for your safety.	
 警告	Failure to comply may result in danger to life or serious injury.
 注意	Failure to follow these rules may result in damage or accidents.
Things to keep in mind when using this device.	
!!advice	Failure to follow these instructions may result in damage or prevent the product from performing as intended.
Things you should know before using this device.	
? Knowledge	Knowing this will allow you to use your car and various equipment more effectively, which is very convenient.

- Pages that you would like us to refer to and read are marked with a "p" symbol.

Yes, they are.

- This book uses markers to indicate switches, menu items on the operation screen, etc.

Here's how to interpret the marks:

	This represents the switch on this device.
	This refers to the menus, operations, and items displayed on Nissan's original navigation system and on the computer screen.

- Please read this in conjunction with the vehicle's owner's manual.

This unit is a Nissan original navigation-linked drive recorder. This unit can be operated using the switches, but it can also be operated from the Nissan original navigation system. For details on operation and how to operate it, please refer to the Nissan original navigation system's owner's manual.

- Some of the contents of this book may be changed without prior notice.
Please be aware of this in advance.

Function Guide for this device

This device saves recorded data to the included microSD card. Please be sure to insert the microSD card before use. For instructions on inserting and removing the microSD card, please refer to page 24.

About operating this device

This unit is a Nissan original navigation system-linked drive recorder. Operation is performed from the Nissan original **navigation system**. Some switches (/) can be operated from this unit.

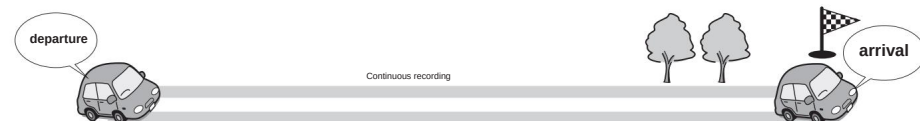


About the recording function of this device

This device has five recording functions: "Continuous Recording," "Event (Impact) Recording," "Parking Recording," "Manual Recording," and "Still Image Recording."

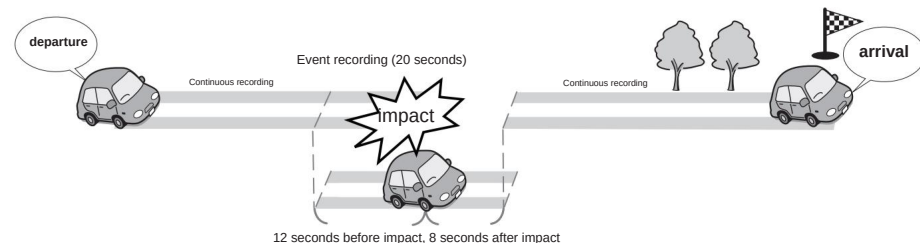
Continuous recording

(P.29): Continuously records video while the device is in operation.



Event (Impact) Recording p(P.29) When a

significant impact occurs to the vehicle while driving, the system switches from continuous recording to event (impact) recording, saving 20 seconds before and after the impact (12 seconds before impact + 8 seconds after impact).



!! Advice : For instructions

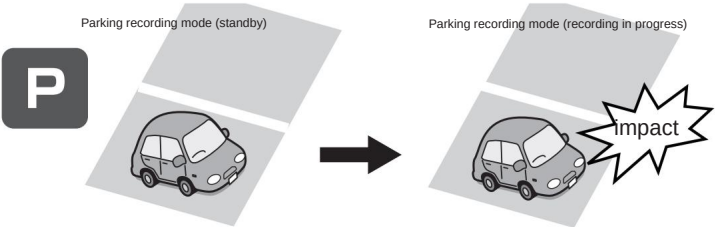
on how to operate the Nissan original navigation system, please refer to the Nissan original navigation system's instruction manual.

? Knowledge

- For instructions on how to operate this unit, please refer to "Names and Functions of Each Part". p(P.18) • Audio recording during recording varies depending on the settings. • The default setting for continuous recording is "Off". • For settings and details, please refer to each recording function . p(P.29) - p(P.32)

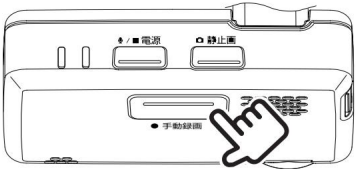
• Parking Recording (P.32)

When you park your car in a parking lot or similar location and turn the vehicle's key switch (power position) to "off", it enters parking recording mode and starts recording when it detects an impact to the vehicle.



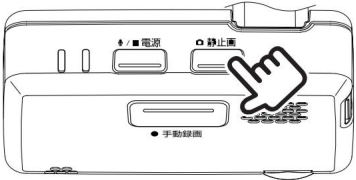
• Manual Recording : Pressing

● 手動録画 the p(P.31) button allows you to manually record video.



• Pressing the still image

● 静止画 recording button (p.30) will record the video being shot as a still image.



• When an

impact is detected in parking recording mode, it will record for 30 seconds (as per the default setting) and save it to a file. The recording time can be changed.

- If an impact occurs during the specified invalid period set in "Recording standby start time / Recording standby end time," recording will not be possible. (p.32)

!!advice

- Manual recording/still image recording can be performed from the Nissan Original Navigation system.

For instructions on how to operate the Nissan Original Navigation system, please refer to the Nissan Original Navigation system's instruction manual.

When you turn the vehicle's ignition switch (power position) to "ACC" or "ON," the device will power on and begin continuous recording. The default setting for continuous recording at the time of purchase is "Do not record audio," so no audio will be recorded.

Setting the microphone audio for continuous recording

Audio recording is captured using the microphone built into this unit. The default setting for audio recording is "On (Manual, Event, Parking Recording)," so audio is not recorded during continuous

recording. To change the setting to record audio during continuous recording, switch to "On (All

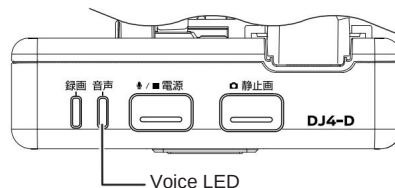
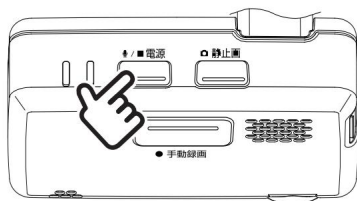
Recording)." The audio LED lights up (green) when audio recording is enabled during

continuous recording. • For setting changes, please refer to p(P.19), p(P.57), or

Please refer to "About setting up this device".



Press and set the voice recording settings.



Knowledge : There are four settings for audio recording: "On (Manual, Event, Parking Recording)", "On (All Recording)", "Off", and "On (Continuous Recording Only)".

About setting up this device

You can configure this unit through the "Settings" menu on the Nissan original navigation system. You can also configure it using the dedicated PC viewer software "DRIVE REVIEWER" (p.55).

Play back recorded or saved files

Files recorded or saved with this device can be played back from the menu of the Nissan original navigation system. They can also

be played back using the dedicated PC viewer software "DRIVE REVIEWER" (p.40).

!!advice

- For instructions on how to operate the Nissan original navigation system, please refer to the Nissan original navigation system's instruction manual.

MEMO

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⌵ About recording .28	⌵ Recording and saving when the power is on. 0.29	Record on page 27
⌵ microSD card recorded data .33	⌵ Recording when power is off .32	
⌵ Use Navigation .36	⌵ Use viewer software .38	Play / Setting up functions P.35
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MEMO



MEMO

Introduction

Safety Precautions and Usage Instructions

For safe and correct use	P.10
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Basic Operations

Names and functions of each part	P.18
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notification power on/off.	P.22
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Safety Precautions and Usage

Instructions: **To ensure safe and correct use.**

For safe and correct use

This book includes the following warnings to ensure the safe and correct use of the product and to prevent harm to customers and others, as well as damage to property. Please carefully read these warnings and their contents before proceeding to the main text.



- Do not use this unit in vehicles other than those with a DC12V negative ground connection. Doing so may cause fire or malfunction. Do not use this unit in vehicles other than those with a DC12V negative ground connection.
- Do not allow water or foreign objects to enter the device. If metal objects or flammable materials enter the device, it may cause malfunctions, short circuits, fire, smoke, ignition, or electric shock. Please be careful not to spill drinks or other liquids on the device. • Do not use the device if it is malfunctioning or in an abnormal condition; always contact the Nissan dealer where you purchased it.
If video or images cannot be recorded, there is no sound, foreign objects are inside, water has spilled on it, smoke is coming out, or there are unusual noises or smells, stop using it immediately. This may cause accidents, fires, or electric shocks.
- Drivers should not operate the device or stare at the display while driving.
Always park your car in a safe place and engage the parking brake before using this device. Failure to do so may cause a traffic accident. • Do not touch this device when thunder is rumbling. It may cause electric shock from a lightning strike.
- Never install or wire the airbag in a location that could interfere with its operation.
If you are having this installed in a vehicle equipped with airbags, please check the installation precautions with the Nissan dealer where you purchased the vehicle. Failure to do so could cause the airbags to malfunction and lead to a fatal accident.
- Never install in locations that obstruct forward visibility or driving operations, or in locations that endanger passengers.
Asking a Nissan dealership to lift your vehicle can cause traffic accidents and injuries.

Safety Precautions and Usage

Instructions: **To ensure safe and correct use.**

- Never use bolts or nuts from safety components for installation.

This can cause traffic accidents and injuries.

- Always use fuses of the specified capacity, and always have them replaced by the Nissan dealership where you purchased the vehicle.

Using a fuse with a capacity exceeding the specified limit can cause fire or malfunction. • If any abnormality occurs, immediately stop using the product and be sure to consult the Nissan dealer where you purchased it.

Using it as is could lead to unexpected accidents, fires, or electric shocks.

- Do not disassemble, repair, or modify the device.

Never disassemble, repair, modify, or cut the cord's insulation to power other devices. This may cause fire, electric shock, or malfunction. • Do not block the device's ventilation

holes or heat sink.

Heat can build up inside the equipment, potentially causing fires or malfunctions.

- Do not use this device for purposes other than in a vehicle. Doing so may cause smoke, fire, electric shock, or injury.
- Do not put your hands or fingers into the microSD card slot.

This can cause injuries.

- Keep the microSD card out of reach of children.

If swallowed accidentally, it can cause choking and lead to serious injury. In the worst case, it may even lead to death.

- Do not drive dangerously.

Do not intentionally drive in a dangerous manner to test whether this device can detect impact. • Handle the cord with care.

Do not damage the cord, pull it forcefully, bend it, twist it, modify it, place heavy objects on it, or bring it near heating equipment. This may cause disconnection or short circuits, leading to fire, electric shock, or malfunction.

- Do not subject this device to strong impacts or drop it.

There is a risk of fire or malfunction.

Safety Precautions and Usage

Instructions: **To ensure safe and correct use.**



- When replacing the vehicle registration sticker, make sure not to place it within the dashcam's recording range.
- This device is intended to record the

circumstances of dangerous driving. Do not use it for pranks or other purposes.

Please do not.

- This unit can become very hot if exposed to direct sunlight, which may cause burns.
- When cleaning the windshield, do not pull the mounting bracket or the cord of the dashcam unit too hard. If the mounting bracket of this unit comes loose, please contact the Nissan dealer where you purchased the vehicle.
- For safety reasons, please always contact the Nissan dealership where you purchased the product if you wish to change the installation location of this unit. Installation, wiring, and removal require specialized skills and experience. Incorrect installation, wiring, or removal may cause serious damage to the vehicle. Furthermore, attempting to install or wire the unit yourself may cause injury.
- Before starting work, disconnect the negative terminal (y) of the battery. Short circuits between the positive and negative terminals can cause electric shock or injury. This can cause [the problem].
- This device is designed to continuously record video, but it does not record video in all situations.

This does not guarantee that...

Regarding installation on the windshield, in accordance with Ministry of Transport Notification No. 820, which is based on Article 29, Paragraph 4, Item 7 of the Road Transport Vehicle Safety Standards issued on December 27, 1999 (as designated by the Minister of Land, Infrastructure, Transport and Tourism or the Director of the Regional Transport Bureau), this product is confirmed to be compliant with the safety standards and meets the criteria for being subject to vehicle inspection when installed in the said location. This product will only comply with the safety standards if it is installed correctly according to the Nissan genuine parts installation manual. Compliance is not guaranteed if the product is installed in a manner other than those instructed in the installation manual, or if any other modifications are made.

Precautions for use

- Using the product in high or low temperatures may cause malfunctions or failures. During the summer, the inside of a car can become very hot, so please lower the temperature inside the car by opening the windows before use.

- Do not place reflective objects near the dashcam lens. • If a coating agent is used on the car's windshield, it may affect the recording quality.

It is possible.

- Due to the lens characteristics of the dashcam, people and obstacles that appear on the screen may differ in their actual position and distance.

It can sometimes appear that way.

- Do not damage the cord. Damage can cause moisture or water to be drawn into the camera's interior, leading to malfunction.

This can cause fires and electric shocks.

- If there are water droplets or dirt on the windshield, the recorded video may be difficult to see. • When high-brightness subjects such as sunlight or headlights are captured by the camera, white saturation may occur around the light source, or the center of the light source may appear black, but this is not a malfunction of the dashcam.



- When adjusting the rearview mirror or sun visor, adjust slowly to avoid hitting the dashcam.

Please prepare the

following: • Use the microSD card included with this device or an official one. • Do not save anything other than data recorded by this device to the microSD card. (e.g., video and images)

The data is not recorded correctly.

Safety Precautions and Instructions for Use Instructions for Use

- Never remove the microSD card while the device is accessing data on the microSD card (while the LED is lit). Doing so may not only damage the microSD card but also cause the device to malfunction. Also, make sure the device is powered off (LED is off) before inserting or removing the microSD card. •

Recording may not be possible in the following cases:

- If a microSD card is not inserted into the device - If the microSD card is damaged, malfunctioning, or has reached the end of its lifespan and cannot be recorded or read properly - If a microSD card other than the one included with the device or an original microSD card is used - If old recorded footage is erased (overwritten) by new recording - If the device or microSD card is damaged due to an accident or submersion in water - If the power cord between the battery and the device is severed due to an accident, or if the battery is
- In case of damage: •

In the following cases, video recording may not be possible due to impact detection.

- If the impact is weak and does not meet the sensor sensitivity set for detection by this device -

If there is a problem with the mounting of this device, such as the main unit not being properly secured • We are not responsible for any damages resulting from the failure to record video or the corruption of recorded files, or for any damages caused by malfunction of this device or the use of this device. • This device is a product intended to be useful in accident investigation, but we do not guarantee its effectiveness as evidence.

This device is not intended for that purpose. • Please note that depending on the purpose and method of use, the video recorded with this device may infringe on the privacy and other rights of the subjects. Also, do not use this device for pranks or other malicious purposes. We will not be held responsible in any way in these cases. • This device is a video recording device, but because LED traffic lights and other lights flash at speeds invisible to the naked eye, they may be recorded flashing, and this device does not guarantee that the video will always be recorded exactly as it appears to the naked eye. If the traffic lights cannot be seen due to the environment, please judge from the video before and after the scene and the situation of surrounding vehicles. We will not be held responsible in any way if the state of the traffic lights cannot be seen.

- Immediately after turning on the power of this unit, symptoms such as the entire screen appearing whitish may occur until the automatic image adjustment is complete.
- At night, the navigation screen, or during the day, sunlight reflecting off the dashboard, etc., may be reflected on the glass . Please note that these may be reflected in the video. Also, the video quality may change depending on the external environment. • The black print on the windshield and the mirror base may be reflected and remain in the video. • This device is a continuous recording type video recorder. When the microSD card is full, it will erase the oldest video and record (overwrite) the new video. If you need the data due to an accident or other reason, immediately turn off the vehicle's key switch (power position) (turn off ACC), make sure the power to this device is off (LED is off), remove the microSD card, and back up the necessary data to a computer.
- The clock on this device may not display correctly if the vehicle battery is disconnected. The correct time will be set from the moment GPS signals are received. After disconnecting the battery, please check the file name and location information of the recorded video to see if GPS signals were received.
- microSD cards cannot retain data indefinitely. Please back up important recorded data by copying it to your computer. • Do not delete or modify files or folders on the microSD card using a computer or other device. Doing so may prevent the files from playing correctly on this device or DRIVE REVIEWER. • The device may become hot when used within the guaranteed operating range. This is simply due to the device's operation and is not a malfunction. Using the device in an environment outside the guaranteed operating range may cause malfunctions, so please use it within the guaranteed operating range.
- When your vehicle is being inspected or repaired at the Nissan dealership where you purchased it, we may stop recording on this device to protect your recorded data.

• Maintenance of

this unit • When the unit gets dirty, wipe it with a silicone cloth or a soft cloth. Wiping with a hard cloth or volatile substances such as paint thinner or alcohol may cause scratches, deformation, deterioration, or damage.

- If the lens is dirty, gently wipe it with a soft cloth dampened with water. Then use a dry cloth. Rubbing too hard can cause scratches.
- Do not spray cleaners, water, or other liquids onto this unit.

• If you notice any abnormalities with

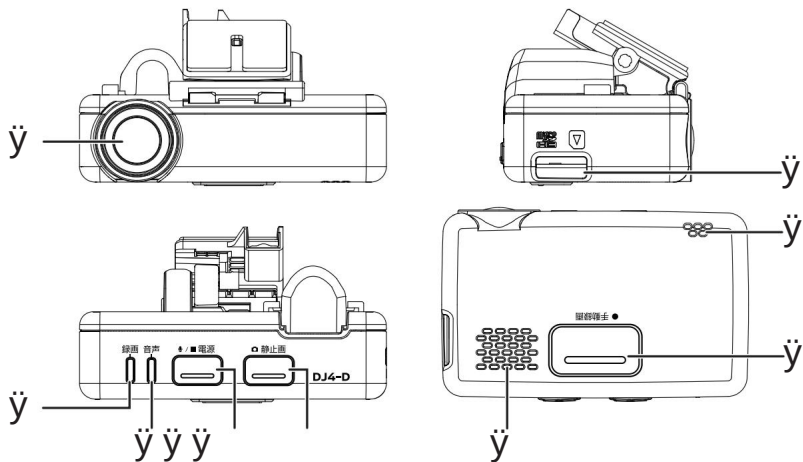
this unit : If you notice any abnormalities with this unit, first refer to the "Frequently Asked Questions" section (p.64) to see if there is a solution. If you cannot find a solution, please contact the Nissan dealer where you purchased the unit.

Safety Precautions and Instructions for
Use Instructions for **Use**

operation: Names and functions of each part

This unit is a Nissan original navigation system-linked drive recorder. Operation is performed via the Nissan original navigation system.

Names and functions of each part



y Camera lens section

y Recording LED:

Lights up (blue) during recording.

y The audio LED

lights up (green) when the audio recording setting for continuous recording is set to "on". It does not light up by default as it is set to "on (manual, event, and parking recording)". To make it light up, change the setting to "on (continuous recording only)" or "on (all recordings)".

!! Advice • You can

operate it from the Nissan original navigation screen. • For instructions on how to operate the Nissan original navigation, please refer to the Nissan original navigation instruction manual.

Knowledge 電源 can set whether to "enable" or "disable" continuous recording audio in y. The default setting is "Enable (Manual, Event, Parking Recording)", 電源. Pressing this button will switch to "Enable (All Recording)".

Names and functions of each part

-  /  電源 Switch -
When the unit is powered on, press and hold for more than 1 second to turn it off. - When the unit is powered off, press and hold for more than 1 second to turn it on. - Each press toggles between "on" and "off" continuous recording audio.
-  静止画 Still image recording, it will capture and record a still image.
- microSD card slot
- Microphone:
Records audio during video recording.
The microphone is built into the device.
-  手動録画 Pressing this
switch during continuous recording will start manual recording.
Pressing it during manual recording will extend the manual recording time.
- Speaker: Outputs
notification sounds and audio from played files.

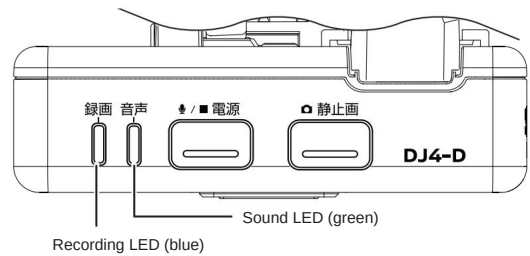
? Knowledge	
•  /  電源	The power can only be turned on when the vehicle's key switch (power position) is in the "ACC" or "ON" position. The setting to "enable" or
•  /  電源	"disable" audio recording is only available for continuous recording audio.

? Knowledge	
• When playing back recorded files using Nissan's original navigation system, the audio will be output from the speaker of this unit. It will not be output from the vehicle's speaker.	

LED/Audible notification

The unit's status will be indicated by LEDs and an audible alert. Additionally, the unit's ID error code will be displayed on the Nissan original navigation system.

Notification via LED/Audible alert



Normal notifications / Parking recording

condition	notification sound	LED	
		Recording (blue)	Audio (green)
Start continuous recording	Beep (up) Lights up		•
Recording is always stopped.	Beep (down) Lights off		•
Manual recording start	Beep (up) Lights up		•
Event (Shocking) Recording Started	Piro-rin (up) light up		•
Still image recording	Click	•	•
Parking recording started	Piro-rin (up) light up		•
Parking recording stopped	Beep (down) Lights off		•
Unable to record due to file limit. Dadan dadan -			•

LED/Audible notification

condition	notification sound	LED	
		Recording (blue)	Audio (green)
Continuous recording of video and audio.	Pfft	.	Light up
Continuous recording without audio recording	Pfft	.	Lights off
ACC/Power * When ON, parking recording is When it was being done	pawn	.	.

*Power source: Vehicle key switch (power position)

Regarding Navigation ID Error Codes

For information on the ID error code displayed on the Nissan original navigation system, please refer to page 62. _____

Please take a look.

This section lists warning messages, abnormal conditions/causes, and solutions for each ID error code.

Basic

operation: Turn the power on/off.

Turn the power on / off

• To turn on the power,

turn the vehicle's ignition switch (power position) to "ACC" or "ON" to turn on the power of this unit. When the power is on, the recording LED (blue) will light up and continuous recording will begin. • To turn off the power, turn

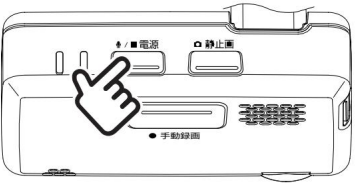
the vehicle's ignition switch (power position) to "OFF" to turn off the power of this unit and enter parking recording mode. However, if "Do not record in parking mode" is set, the unit will not enter parking recording mode.

• Turning off only the power to

this unit You can turn off only the power to this unit while the vehicle engine is running. Also, if you manually turn off the power, the parking recording function will be turned off until you next turn the vehicle's key switch (power position) to "ACC" or "ON".

1

  電源 Press and hold for more than 1 second. This will turn off the device.



? Knowledge

• About backup power supply

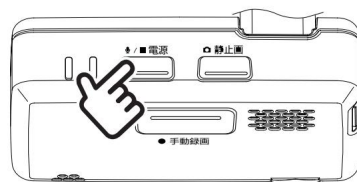
This device has a built-in backup power supply in case the power supply is cut off due to the impact of an accident. Because the backup power supply is rechargeable, the backup time may be shorter immediately after power-on or in low temperatures. The backup power supply will record the video before the power was cut off, but it does not guarantee that it will always record.

operation: **Turn the power on/off.**

☞ You can manually turn the power back on until you turn the vehicle's key switch (power position) to "OFF" .

1

  電源 Press and hold for more than 1 second. The device will start recording continuously once it is powered on.



☞ About the date and time on this device

The date and time of this device are reflected in the filenames of video and photo files. (p.33) The recording time is also displayed on the playback screen. The date and time are automatically set using GPS information from the Nissan original navigation system.

* Knowledge :

In the following cases, the date and time will not be set correctly until GPS information is received:

- When the device is powered on for the first time after purchase
- When the car battery is disconnected

• If the device is stored for an extended period in an environment where GPS information cannot be received, the time may become inaccurate.

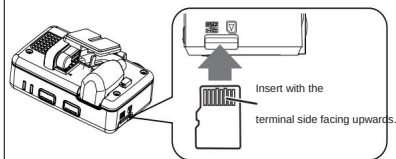
Basic

operation: Inserting/removing a microSD card

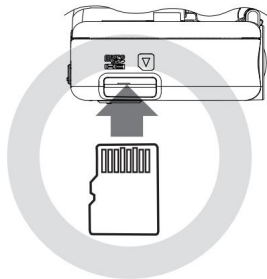
y Insert microSD card

Turn the vehicle's key switch (power position) to "OFF".
The device will be turned off.

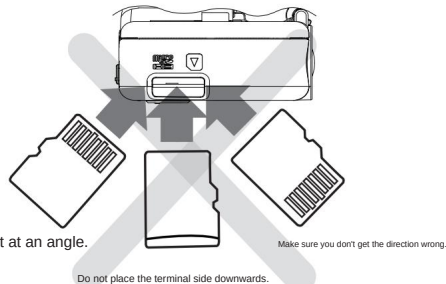
2. Insert the included microSD card with the contact side facing upwards.



<Precautions when inserting a microSD card>



Do not insert at an angle.



? Knowledge

- When removing the microSD card, make sure the device is powered off (LED is off). • Do not remove the microSD card while it is being accessed (LED is lit).
- Do not save any data other than that recorded by this device to the microSD card. • This device will not operate without a microSD card inserted. Please be careful not to forget to insert a microSD card.

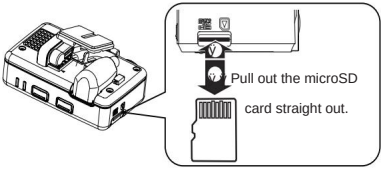
Basic

operation: Inserting/removing a microSD card

Remove the microSD card

Turning the _____'s key switch (power position) to "OFF" will turn off the power to this unit.

2 Press  on the microSD card,
If the microSD card is sticking out a
little,  pull it out.



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Record

Regarding recording

Image quality and recording time	P.28
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Recording and saving when the power is on.

Continuous recording / Event (impact) recording	P.29
Event (impact) record / Still image record	P.30
Manual recording	P.31

Recording when the power is off

Parking recording	P.32
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microSD card recorded data

Folder/File Structure	P.33
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This device has four recording modes when powered on: continuous recording, event (impact) recording, manual recording, and still image recording. When powered off, it has a parking recording mode.

This unit is a Nissan original navigation system-linked drive recorder. Operation is performed via the Nissan original navigation system.

Types of image quality

This device allows you to set the video quality when recording videos. Types of

video quality (resolution)

"Highest quality (UXP)" / "High quality (XP)" / "Standard quality (SP)" / "Long recording time (LP)" The default setting is "Standard quality (SP)". Still images are saved in FULL HD (1920x1080) when the video quality setting is set to "Highest quality", "High quality", or "Standard quality". When set to "Long recording time", they are saved in HD (1280x720). • For instructions on how to change the settings, please refer to the Nissan original navigation system instruction manual.

For instructions on how to change settings using the viewer software, please refer to page 57.

Estimated recording time / number of recorded images (when using the included 8GB microSD card)

Shooting mode	Image quality		
	Highest quality	High quality	Standard definition, Long duration
Continuous recording	Maximum score: 70 points, 100 points, 150 points, 240 points		
Event (impact) recording: Up to	10 files (20 seconds per file)		
Manual recording	Up to 20 files (20 seconds per file)		
Parking recording	Up to 20 files (you can set the recording time per file from 15 seconds/30 seconds/1 minute).		
Still image recording	Up to 100 files		

!! Advice : For instructions on
how to operate the Nissan original navigation system, please
refer to the Nissan original navigation system's instruction
manual.

? Knowledge
• Recording will not occur in the following situations:
No. –
This unit is a Nissan original navigation system.
When you are setting
- When playing back recorded files - When no microSD
card is inserted - When the parking recording setting or
video recording setting is set to "Do not overwrite" and
the maximum number of files or recording time that
can be saved has been reached • Recording time
and number of
recorded files will vary depending on the files saved on the
microSD card. • Please back up important data to a
computer
or other device immediately. p(P.52) • For those who require
longer recording times, a 16GB microSD card is
available
separately. Recording time and the number of files will be
doubled. For details, please contact the Nissan dealer
where you purchased the product.

Recording when power is on,

continuous recording /event (impact) recording

This device will start recording continuously when powered on. Since

the audio recording setting for continuous recording is set to "Do not record," no audio will be recorded. Please check the audio recording settings for each recording method as needed.

Continuous recording

When this unit is powered on, it will start recording continuously. The recording time for continuous recording varies depending on the image quality setting. By default, it is set to "Standard Quality (SP)". p(P.28) Recording files are saved at intervals of approximately 2 minutes. • For instructions on how to change the settings, please refer to the Nissan original navigation system instruction manual.

For instructions on how to change settings in the viewer software, please refer to page 57. Recorded files are saved in the "NORMAL" folder on the microSD card. (See page 33)

Event (Shocking) Records

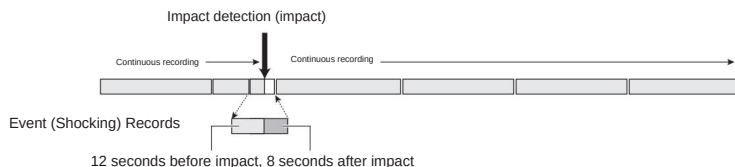
If a sudden impact is detected during continuous recording, continuous recording will be interrupted and event (impact) recording will begin.

The recording time for event (impact) recording is 12 seconds before impact detection and 8 seconds after impact detection, for a total of 20 seconds per event. Continuous recording will resume after event (impact) recording is finished. • The default setting for audio recording is "On (Manual, Event, Parking Recording)".

There is no audio recording for the 12 seconds before the impact detection that switches from continuous recording.

- The sensitivity for detecting impacts varies depending on the vehicle model. The setting can be changed from 1 to 5. 1 (detects large impacts) to 3 (medium) to 5 (detects small impacts). • Please refer to the Nissan original navigation system instruction manual for instructions on how to change the settings.

Please do so. If you want to change the settings in the viewer software, approximately 3 minutes ... Please see p(P.57).

**!! Advice • You can**

operate it from the Nissan original navigation screen. • For instructions on how to operate the Nissan original navigation, please refer to the Nissan original navigation instruction manual.

? Knowledge

- Continuous recording will delete and overwrite older files in order when the recording space on the microSD card is full. • You can turn off overwriting for continuous recording.
There is no set rule.
- Event (impact) recordings are saved in up to 10 files. If more than 10 files are saved, the oldest files will be overwritten first. However, if "Do not overwrite" is selected, older files will not be overwritten, and in that case, recording will not start if more than 10 files are saved. Back up the data on the microSD card to your computer as needed.

!!advice

- When changing the shock sensitivity setting, please refer to the previous setting.



Recording and event (impact)

recording/still image recording when the power is on.



From the previous page

If another impact is detected before the event (impact) recording ends, the event (impact) recording will be extended by 20 seconds from that point.

Location of recorded files:

Recorded files are saved in the "EVENT" folder on the microSD card. (p.33)

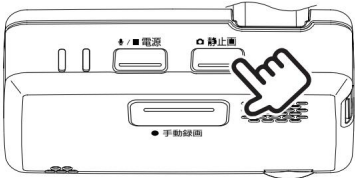
Still image recording

This device records still



When you press it,

images while continuously recording.



Up to 100 still images can be saved. The resolution of still images is

saved in FULL HD (1920x1080) when the video quality setting is set to "Highest Quality," "High Quality," or "Standard Quality." When set to

"Long Playback Quality," it is saved in HD (1280x720). • To change the quality settings,

please refer to the Nissan original navigation system's instruction manual. To change the settings using the viewer

software, please refer to page 57.

Still image files are saved in

the "PICTURE" folder on the microSD card. p(P.33)

!! Advice • You can

operate it from the Nissan original navigation screen. • For instructions on how to operate the Nissan original navigation, please refer to the Nissan original navigation instruction manual.

* Knowledge

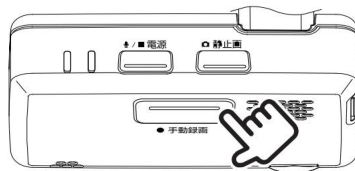
* When the number of recorded files exceeds 100, older files will be deleted and overwritten in order. * There is no setting to turn off overwriting for still image recording. * Recording a still image while recording will not interrupt the recording.

Recording when power is on vs.

manual recording.

Manual recording

This will interrupt the recording of **● 手動録画** Pressing this button will always the device while it is recording continuously and start manual recording.



Manual recording time is 20 seconds **● 手動録画** of 12 seconds before pressing the button and 8 seconds after pressing it. After manual recording ends, it returns to continuous recording. Press the

button again before manual recording ends. • **● 手動録画** Pressing this button will extend the manual recording by 20 seconds from that point. The

default audio recording setting is "on (manual, event, parking recording)," so there is no audio recording for the 12 seconds before pressing the switch to switch from continuous recording. • To change settings, please refer to the Nissan

original navigation system instruction manual. To change settings using the viewer software, please refer to page 57. Approximately

3 minutes Approximately 3 minutes Approximately 3 minutes ...



Location of recorded files:

Recorded files are saved in the "MANUAL" folder on the microSD card. p(P.33)

!! Advice • You can

operate it from the Nissan original navigation screen. • For instructions on how to operate the Nissan original navigation, please refer to the Nissan original navigation instruction manual.

• Manual

recording saves up to 20 files. • When more than 20 files are saved, older files will be overwritten first. However, if "Do not overwrite" is set, older files will not be overwritten, and in that case, recording will not start if the maximum number of files exceeds 20. Back up the data on the microSD card to your computer as needed.

Recording while power is off ;

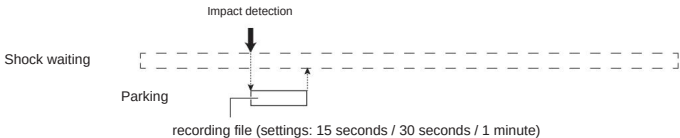
Parking recording

When the device is turned off, it enters parking recording mode. If an impact is detected while in parking recording mode, parking recording will begin.

¶ Parking recording

Parking recording starts when the vehicle is hit while parked; the device powers on and parking recording begins. Once recording is complete, the device powers off and returns to standby mode. There is no extended recording function. • The recording time for parking is 30 seconds (at the time of purchase) from the moment impact is detected. The recording time can be changed.
Approximately 3 minutes, approximately 3 minutes, approximately 3 minutes ...

• Parking recording starts a few seconds after an impact is detected. Overwrite • The sensitivity for detecting impact varies depending on the vehicle model. The setting can be changed from 1 to 5. 1 (detects large impacts) to 3 (medium) to 5 (detects small impacts). • To change the recording time and impact sensitivity settings, please refer to the Nissan original navigation system's instruction manual. To change settings using the viewer software, please refer to page 56.



¶ Disabling Parking Recording When Getting In/Out In

parking recording mode, the system may start recording when it detects vibrations from closing the doors when getting in or out of the vehicle. To prevent the system from detecting door vibrations when getting in or out and starting parking recording, you can disable parking recording for a certain period of time. • By default, the system is set to "from the time of getting in" when getting in and "from the time of getting out" when getting out. To change the settings, please refer to the Nissan original navigation system instruction manual. To change the settings using the viewer software, please refer to page 56.

¶ Location of recorded files:

Recorded files are saved in the "PARKING" folder on the microSD card. p(P.33)

? Knowledge

- If you turn off the power of this unit using the device's settings before turning the vehicle's key switch (power position) to  /  電源 "OFF" (p.22), parking recording will not work. • **Parking recording** may not work if the power voltage is low due

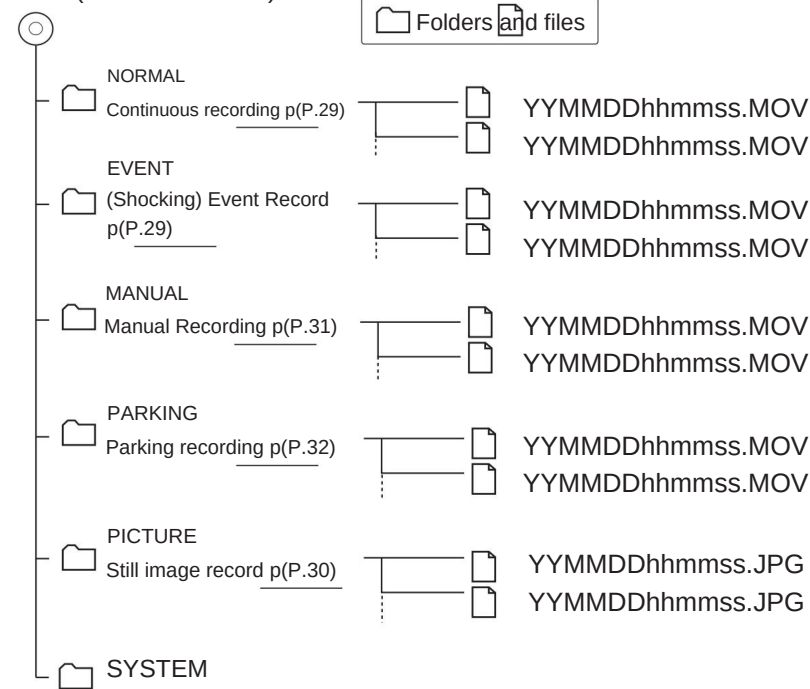
to deterioration of the vehicle battery, etc. • Up to 20 parking recording files are saved. If there are more than 20 files, the oldest files will be overwritten in order, but if you have set it to "Do not overwrite", older files will not be overwritten, and in that case, recording will not start if there are more than 20 files. If necessary, back up the data on the microSD card to your computer. • If there are parking recording files, an alert sound will be emitted when you turn on the power of this unit.

- Impact sensitivity settings vary depending on the vehicle model. When changing the settings, please refer to the previous setting.

Files recorded or saved on the microSD card are stored in folders organized by category.

Folder/File Structure

Root (on microSD card)



!!Advice • Do not

change the file names on the microSD card using a computer or other device. This will prevent the files from playing correctly on this device or with DRIVE REVIEWER.

Knowledge : The "SYSTEM" folder contains file location information, etc.
Deleting only the "SYSTEM" folder will render the file location information unusable.

• Regarding file name notation
The file name is automatically generated based on the date and time the recording was made.
YYMMDDhhmmss.MOV
YYMMDDhhmmss.JPG
Year Month Day Hour Minute Second

MEMO



Record

Play/Set Functions

Use navigation

<u>View video on navigation</u>	P.36
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Use viewer software

<u>About viewer software</u>	P.38
<u>Install viewer software. Play back the</u>	P.39
<u>data using the viewer software.</u>	P.40
<u>Export and load the data to be used in Google Earth. (P.48)</u>	
<u>Delete files</u>	P.50
<u>Protect/unprotect files</u>	P.51
<u>Back up your data to your computer.</u>	P.52
<u>Change settings using the viewer software.</u>	P.55

Again
Again
Again

Again
Again

Use the navigation system to watch videos

The video and audio recorded by this device can be displayed on the monitor of the Nissan original navigation system and played back. Settings can also be changed, and files can be protected or deleted.

Display on the monitor

1. Nissan original navigation system

Touching "Dashcam" in the AV menu will display the recording screen of this device on the monitor.



!! Advice • For important

information and operating instructions regarding Nissan's original navigation system, please refer to the Nissan Original Navigation System Instruction Manual.

? Knowledge

- If the recording screen of this device does not appear when you touch the <Dashcam> button, please contact the Nissan dealer where you purchased the product.

Use the navigation
system to watch videos



Again and again

Again

and again

and again

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About viewer software

DRIVE REVIEWER is dedicated PC viewer software for playing back video and audio recorded with this device, managing files (deleting, protecting, backing up), and changing settings. The viewer software can be downloaded from the website.

DRIVE REVIEWER operating environment

YOU	Windows 7 Service Pack 1 (32Bit/64Bit) Windows 8.1/8.1Pro (32Bit/64Bit) Windows 10 (32-bit/64-bit), excluding Windows 10 Mobile.
CPU	Intel Core i3 2GHz and above
memory	2GB or more
display	1280x800 and above
sound	PCM sound playback functionality available on Windows
others	An internet connection is required.

Windows 7, Windows 8.1, and Windows 10 are registered trademarks of Microsoft Corporation in the United States and other countries.

Google Earth is a trademark or registered trademark of Google LLC.

Intel Core is a registered trademark or trademark of Intel Corp.

Viewer Software Download

The viewer software can be downloaded from the following website.

Website address: <http://www.kenwood.com/jp/products/oem/dop/nissan/dj4>

Depending on your computer, the video may be distorted or the audio may be interrupted during playback . In that case, please close the viewer software and restart it to play the video.

Install the viewer software to use it .

Install

1. Download the installer "Setup_C1-XX.msi" from the homepage .

Download the installer from <http://www.kenwood.com/jp/products/oem/dop/nissan/dj4> .

2. Copy the installer "Setup_C1-XX.msi" to any location on your computer (such as the desktop).

3. Double-click the copied "Setup_C1-XX.msi" file.

4. Follow the instructions on the setup wizard screen.

Proceed with the installation accordingly.



5. Click <Finish> to complete the installation .

If a User

Account Control warning window appears,
click <Yes> .

Play using viewer software.

Launch the viewer software.

1. Remove the microSD card from the device.
Insert the SD card into the included SD card adapter, then connect it to your computer using a card reader.
2. Click "Start" → "All Programs" → "DRIVE REVIEWER"
Start up

• When

using DRIVE REVIEWER, please close other applications. Having multiple applications running simultaneously may slow down its performance.

Play back recorded or saved files using viewer software.

1. Specify the drive to which the microSD card is connected.
The video will be displayed and playback will begin.



? Knowledge

- Depending on your computer, the video may be distorted or the audio may be interrupted during playback. In that case, please close the viewer software, restart it, and play the video again.

Play using viewer software.

Screen operation



y Magnification function:

You can enlarge the top, bottom, left, or right areas of the video screen that is currently playing, or enlarge any area of your choice.



: When enlarged, pressing this will return you to the normal screen.



: Enlarges (2x) the top left, top right, bottom right, and bottom left of the screen.

• Due to

the capacity of the microSD card (continuous recording) or the limit on the number of files (manual recording, event (impact) recording, parking recording) , files will be overwritten. The parts that have been overwritten will not be displayed on the map.

- During recording, location information and vehicle speed may not be recorded, such as during the period between turning on the power of this unit and connecting to the Nissan original navigation system. In this case, location information and vehicle speed will not be displayed correctly.



Continued on the next page.

Play 41 with viewer software

Play using viewer software.



From the previous page



: Displays the zoom operation screen.

Ÿ: Set the position to be zoomed in. Ÿ:

Select the magnification level (1 to 5). Ÿ: Press

<Reset> to return to normal size (1x) .



Ÿ Help

<Version> : You can check the version of the viewer software.

Ÿ

Settings < System Settings >: Select the microSD card drive. You can check and change the settings.

Ÿ File <<

Select Folder >>: Select the folder containing the files you want to import.

<Export to kmz/kml >: Outputs a kml or kmz file for import into Google Earth. < Select and Delete >:

Select the files

you want to delete. < Protect/Unprotect >: Select

the files you want to protect or unprotect. < <Backup> >: Select the files you

want to back up. <Exit> : Exit the viewer software. (Drive

List): Select the drive on the microSD



card .

Ÿ Video Playback

Screen: This screen plays or displays video.

Play with 42 viewer software.

information. The current location on the map and graph will be updated according to the playback

00:00:12/00:02:00

position. : Playback time / Total playback time

: Plays the previous / next file.

⏮ /: Display

Displays the previous/next frame. : Stops



playback. : Plays. :



Pauses. : Click



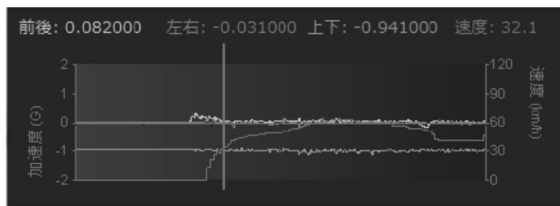
to save the currently

playing video as a still image.

x1 : C

Click to cycle through playback speeds of x1, x2, x4, x8, and x1/2. : Adjust the volume (0 to 100).

is a line graph showing the magnitude of acceleration and velocity corresponding to the video file being played.



Displays the location of the file currently being played.



Play using viewer software.



From the previous page

Speedometer:

Displays the vehicle speed in the currently playing video file.



*Knowledge :

The displayed vehicle speed is an estimate only.

Map Display

Button: Displays the location information of the currently playing video file on the map. Click  is not displayed.

File List by Type

Files are displayed by type: "File," "Event," and "Still Image." Selecting a file will start playback of the recorded video. For details, please see the map display on page 46.

Play using viewer software.

Selection screen for the file to play (file list by type)



File: Displays

a list of all video files.

Events:

Displays a list of files for manual recording, event (impact) recording, and parking recording.

Still images

This displays a list of still image files.

File Information:

For "Files" and "Still Images": Displays the recording start date and time, and the file's storage location.

For "Events": Displays the recording start date and time, and the event name.

Miniature video

display: Displays the video from the beginning of the file.

Play using viewer software.

Map display

This displays the location of the currently playing video file on a map. Click if the map is not displayed.



The <+> / <-> buttons zoom in / out of the map.

Latitude and Longitude: Displays the current vehicle position in latitude and longitude.

Refresh button: Reloads the map.

Button: Opens the map in a separate window.

Play with 46 viewer software.

• Due to the capacity of the microSD card (continuous recording) or the limit on the number of files (manual recording, event (impact) recording, parking recording) , files will be overwritten. The parts that have been overwritten will not be displayed on the map.

• During recording, location information and vehicle speed may not be recorded, such as during the period between turning on the power of this unit and connecting to the Nissan original navigation system. In this case, location information and vehicle speed will not be displayed correctly.

Use viewer software Play with viewer software.

ÿ Bu

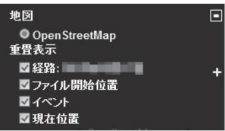
Hide the map. ÿ <+> / <->



Clicking will display the map.

buttons

This opens a screen for selecting the information to display on the map. Clicking < > will close the selection screen.
Check the boxes next to the routes and icons you want to display on the map.



ÿ <+> / <-> buttons

This displays a wide-area map. Clicking < > will close the wide-area map.

ÿ Route display

When displaying routes spanning two or more days, the color will change for each day.

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7				
green	red	green	white	Reddish-purple, light blue, yellow						

ÿ Vehicle position marker

Displays the current vehicle position within the selected file.

ÿ Starting position of each file

When you hover your mouse cursor over the icon, the video from the beginning of the file will be displayed.
Clicking will play the corresponding file.

Use viewer software

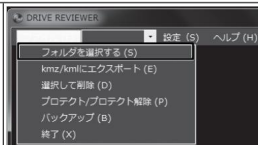
Export and import data for use in Google Earth.

Export and import data for use in Google Earth

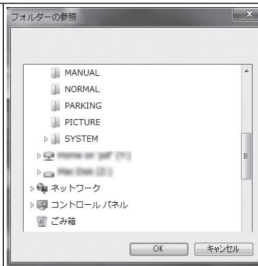
1. Remove the microSD card from the device and insert it into the included SD card adapter.
Then, connect it to your computer using a card reader.

2. Launch the viewer software (p.40)

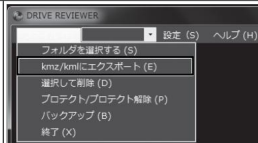
3. Select <File> → <Select Folder> from the menu .
Click



4. Google Earth on a microSD card
Select the folder containing the video you want to use.



5. Click on the menu: <File> → <Export to kmz/kml>



?

Knowledge • Before outputting data, please install Google Earth on your computer. Google Earth is, You can download it from the Google website.

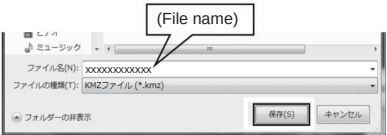
- For instructions on using Google Earth, please refer to the Google Earth help section. • A kmz file is a kml file compressed with zip.

It can be imported into Google Earth.

Use viewer software

Export and import data for use in Google Earth.

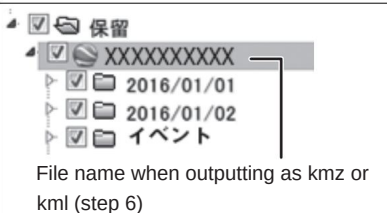
6. Select a save location, enter a file name, and click <Save> .



7. When "Output complete" is displayed, click <OK> .

8. Launch Google Earth

9. On the left side of the screen where you select the file you want to view , the pending folder and the file names of the saved data are displayed. Clicking on a file name will display the saved data. Unchecking a folder will remove the data from the map.



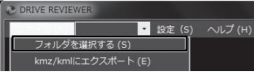
Delete files

1.

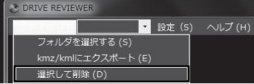
Remove the microSD card from the device and insert it into the included SD card adapter.
Then, connect it to your computer using a card reader.
2.

Launch the viewer software (p.40) ____
3.

Select <File> y < Select Folder > from the menu .
Click


4.

Select <File> y < Select and Delete > from the menu .
Click


5.

Click the file you want to delete to place a checkmark (y) in the box. To cancel, click again to remove the checkmark (y).


6.

Once you have selected the files you want to delete, click <Execute> .
7.

When the message appears, click <OK> .
While the deletion is in progress, "Executing" will be displayed, and once the process is complete, a message "Deletion complete" will be displayed.

? Knowledge

- When selecting a file, clicking on the file list / image will also display a checkmark (y).

Protect/unprotect files

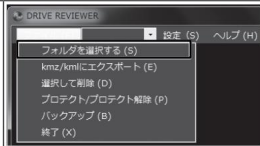
using viewer software .

Protect/unprotect files

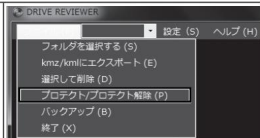
1. Remove the microSD card from the device and insert it into the included SD card adapter.
Then, connect it to your computer using a card reader.

2. Launch the viewer software (p.40)

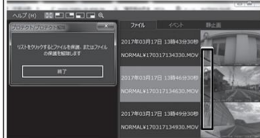
3. Select <File> ÿ < Select Folder > from the menu .
Click



4. Menu: <File> ÿ < Protect / Remove Protection >
Click



5. Click the file you want to protect. A lock icon will
appear. Click again to remove
the protection .



6. Click <Finish> when you have finished the task .

Knowledge:

- Protecting files prevents accidental deletion.
 - Continuous recording
- files (NORMAL) cannot be protected and will have a lock icon.

An "X" will appear next to the file. •
When checking a file, a lock icon will also appear when you click on the file list/ image.

Back up the data you're
using with viewer software to your computer.

Back up the data on your microSD card to your computer.

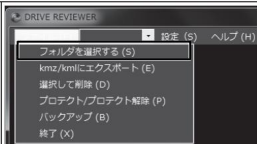
Due to its limited capacity, a microSD card can only store a limited number of videos.
Regularly back up any necessary video data from your microSD card to your computer's hard drive or other storage device . Using viewer software to back up the data from your microSD card allows you to save it while preserving its association with system files such as location information.

Setting up backup folders

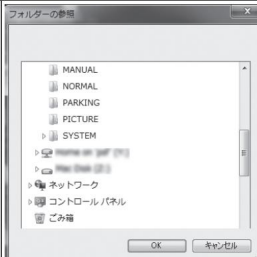
1. Remove the microSD card from the device and insert it into the included SD card adapter.
Then, connect it to your computer using a card reader.

2. Launch the viewer software (p.40) _____

3. Select <File> y < Select Folder > from the menu .
Click



4. Back up your microSD card. Select the folder containing your data.

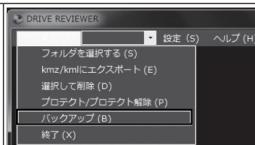


52. Back up your data to your computer.

Back up the data you're

using with viewer software to your computer.

5. Select <File> y <Backup> from the menu .
Click



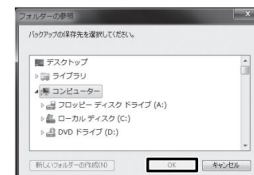
6. Check the files you want to back up and click <Execute> . Initially, all files will have a checkmark. Click the checkmark next to any data you do not want to back up to deselect it.



7. When the message appears , click <Yes> .

• Clicking

< Deselect All > will remove all checkmarks. •
Clicking < Select All
> will place a checkmark next to all items. • To
change the
backup destination, click <Change> .



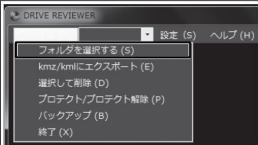
- The folder name for backup data will be the date and time when you click Backup in the menu. If you want to change it, you can rewrite the folder name in "Folder to create".
- If you have not set a save location for backups, they will be saved to "My Videos" or "Videos" (depending on your Windows version).

Back up the data you're
using with viewer software **to your computer.**

Viewing backed-up footage

1. Launch the viewer software (p.40) _____

2. Click on the menu: <File> > <Select Folder > _____



3. Select the folder containing the backed-up data.

4. Select the video file you want to watch.
The playback screen will appear, and you can play the video file.

Use the viewer software.

Change the settings in the viewer software.

You can change the device settings using the viewer software. The changed settings will be saved to a microSD card. When you insert the microSD card containing the saved settings into the device and turn on the power, the device settings will be automatically overwritten.

Change settings

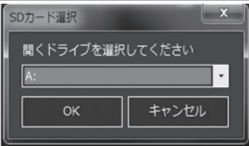
1. Remove the microSD card from the device and insert it into the included SD card adapter. Then, connect it to your computer using a card reader.

2. Launch the viewer software (p.40)

Click on <Settings> → <Device Settings> in the 3



4. Select the drive to which the microSD card is connected and click <OK>.



5. Select the tab you want to configure (<Parking Recording Settings>, <Video Recording Settings>, <System Settings>), and then select the <Setting Item>.



6. Click <OK>. The settings will be saved to the microSD card.

? Knowledge

- If there is no configuration data on the microSD card, or if this is your first time using the device, a message saying "Cannot load configuration file" will be displayed. Please click <OK>. The configuration data will then be saved to the microSD card.

Use the viewer software.

Change the settings in the viewer software.

<Settings> (*These are the default settings at the time of purchase.)

project	setting	explanation
< Parking recording settings >		
Recording time OFF	/ 15 seconds / 30 seconds * / 1 minute	Set the recording time for parking recording after an impact is detected.
Recording standby start time	From the time of disembarking * / From 30 seconds after disembarking / From 1 minute after disembarking / From 3 minutes after disembarking	Set a time limit to disable parking recording when you get out of the vehicle.
Recording standby end time	Up to boarding time * / Up to 30 seconds before boarding / Up to 1 minute before boarding / Up to 3 minutes before boarding	Set a time limit to disable parking recording while the vehicle is in use.
Save the above text	(OFF/ON)*	This setting determines whether or not older files are overwritten when the maximum number of saved files for parking recordings is reached.
Sensitivity settings:	1/2/3/4/5	Set the sensitivity for detecting impacts to parked vehicles. 1 (Low: Detects impacts with large impacts) ~ 3 (Medium) ~ 5 (High: Detects impacts with small impacts)

!!advice

- If you wish to change settings using a Nissan original navigation system , please refer to the Nissan original navigation system's instruction manual.

? Knowledge

- For information on the number of files that can be saved on a microSD card, please see page 28 . _____

!! Advice • Sensitivity settings vary

depending on the vehicle model. Although it is already set when you purchase the product, if it reacts excessively to opening and closing doors, etc., please adjust it by lowering the setting value.

- When an initialized microSD card is inserted into this device or the viewer software, the initial value of 3 (medium) will be written.

Use the viewer software. **Change**
the settings in the viewer software.

project	setting	explanation
< Video Recording Settings >		
Video quality: Highest quality (UXP) High Definition (XP) / Standard Definition (SP)* / Long Playback Time (LP)		You can set the image quality for continuous recording, event (impact) recording, manual recording, and parking recording. (Individual image quality settings are not available.)
Audio recording OFF	/ON (Continuous recording only) /ON (Manual, Event, Parking Recording)* /ON (All recordings)	This setting determines whether or not microphone audio is recorded during recording.
Save (manually)	OFF/ON*	This setting determines whether or not older files are overwritten when the maximum number of manually recorded files that can be saved is reached .
Overwrite save (event)	OFF/ON*	This setting determines whether or not older files are overwritten when the maximum number of event (impact) record files that can be saved is reached.
Sensitivity setting (event)	1/2/3/4/5	Set the sensitivity for detecting vehicle impacts. 1 (Low: Detects impacts with large impacts) to 3 (Medium) to 5 (High: Detects impacts with small impacts)
< System Settings >		
Notification volume	OFF/1/2/3*/4/5	Set the volume of the notification sound.
Playback volume	OFF/1/2/3/4*/5	Set the playback volume.

!! Advice : If you are changing

settings using a Nissan original navigation system, please refer to the Nissan original navigation system's instruction manual .

? Knowledge

- For information on the number of files that can be saved on a microSD card, please see [page 28](#).

!! Advice • Sensitivity

- settings vary depending on the vehicle model.
- While the settings are already configured at the time of purchase, please adjust them by reducing the setting value if the device is overly sensitive.
- When an initialized microSD card is inserted into this device or the viewer software, the default value of 3 (medium) will be written to it.

MEMO

Again and again

Again

and again

Again

Again

and again

others

When needed

Format the microSD card.	P.60
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When you're in trouble

Regarding navigation ID error codes	P.62
FAQ	P.64

Things you should know

Main specifications	P.69
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Warranty and after-sales service	P.74

Format

the microSD card when necessary.

Format the microSD card

If you encounter errors when playing videos or backing up files, the data on your microSD card may be corrupted. Please format the microSD card. You can format it by using the "SD card initialization" function on your Nissan original navigation system, or by accessing a dedicated website.

Access the dedicated website and format the document.

1. Remove the microSD card from the device, insert it into a card reader, and connect it to your computer.
do
2. Prepare the SD memory card formatting software. Install the SD memory card formatting software on your computer. Please refer to the dedicated website for installation instructions.
(1) Launch a web browser such as Internet Explorer and access the dedicated site <http://www.kenwood.com/jp/products/oem/dop/nissan/dj4>.

(2) Select "SD Memory Card Formatting Software". (3) Follow the instructions provided in the SD Memory Card Formatting Software
Please install it.
3. Format the SD memory card using formatting software.

!! Advice • Generally,

- formatting of microSD cards is not necessary.
- Format only if you experience write/read errors with the microSD card, or if the device fails to start. • Formatting a microSD card will erase all data, including protected files. If you have important data, be sure to back it up to a computer or other device before formatting.
- If you are using a Nissan original navigation system to initialize the SD card, please refer to the Nissan original navigation system's instruction manual. • When formatting a microSD card using SD memory card formatting software, please be very careful not to select the wrong drive.
 - Do not use the standard SD card format for your computer.

Format

the microSD card when necessary.

When you

encounter problems, ask about the navigation ID error code.

If an error occurs in the connection between this unit and the Nissan original navigation system, an ID error code will be displayed on the monitor screen of the Nissan original navigation system. Please take action according to the "ID No.".

Regarding Navigation ID Error Codes

ID No.	Voice guidance / Message	Abnormal condition / Cause	How to deal with it
ID: D01	Cannot connect to the dashcam. Communication	error with the dashcam. / Poor contact at the connector, broken wire, or disconnected connector.	Please restart this unit or your Nissan original navigation system. For instructions on operating your Nissan original navigation system, please refer to the Nissan original navigation system's instruction manual. If the problem persists after restarting, please contact the Nissan dealer where you purchased the unit. (p.22)
ID: D11	Please insert the SD card into the dashcam.	The microSD card is not inserted. Please insert the microSD card included with this device or an official one. (p.24)	
ID: D12	Please check the SD card in your dashcam.	The microSD card cannot be read. / The microSD card is formatted in a format that this device cannot read.	Please format the microSD card using the Nissan original navigation system's operating system or dedicated formatting software. If the error persists after formatting to p(P.60), the microSD card may be damaged. microSD cards have a limited lifespan (they cannot retain data indefinitely). Please replace it with a new, genuine microSD card. Please use the microSD card included with this unit or a genuine one. Operation with non-genuine or non-included microSD cards cannot be guaranteed.
IDyD13		The microSD card cannot be read. / The microSD card is damaged. Or there is poor contact between the device and the microSD card's terminals.	Please format the microSD card using the Nissan original navigation system's operating system or dedicated formatting software. If the error persists after formatting to p(P.60), the microSD card may be damaged. Please replace it with a new genuine microSD card. Poor contact on the microSD card is also a possibility. Please clean the terminals.
IDyD14		Unable to write to the microSD card. / The microSD card is no longer writable.	Please format the microSD card using the Nissan original navigation system or the dedicated formatting software. (p.60) MicroSD cards used in other devices such as mobile phones or digital cameras may not be formattable with this device or the dedicated formatting software. Please use the microSD card included with this device or a genuine Nissan microSD card.
IDyD15		An unsupported microSD card has been inserted. / microSD cards with a capacity of less than 8GB cannot be used.	Please use the microSD card included with this device or an official one. Operation with microSD cards other than the included or official one cannot be guaranteed.

When you

encounter problems, ask about the navigation ID error code.

ID No.	Voice guidance / Message	Abnormal condition / Cause	How to deal with it
ID: D16 The dashcam has stopped recording.		Recording was stopped due to a faulty microSD card. / The microSD card is damaged.	• Please reinsert the microSD card. p(P.24), p(P.25) • microSD cards have a _____ product lifespan (they are not designed to retain data indefinitely). (It's not available.) Please replace it with a new, genuine microSD card.
IDyD17		Recording was stopped because there was insufficient free space on the device's microSD card. / There is insufficient free space on the microSD card to start continuous recording. There is insufficient free space to record the maximum number of files for event (impact) recording and manual recording.	Please increase the storage capacity of your microSD card. • Back up any necessary files and folders stored on the microSD card to your computer, then format the microSD card. (p.60) • Delete any unnecessary files stored on the _____ microSD card. For instructions on how to delete files, please refer to the Nissan original navigation system's instruction manual.
IDyD18		The device overheated, and recording was stopped due to a high-temperature abnormality detection.	This device may become hot if left in a high-temperature environment or used continuously. Please open a window or use the air conditioner to lower the temperature inside the vehicle before use. Recording will resume once the device has cooled down.
ID: D19 The dashcam has stopped working.		The device overheated, and a high-temperature abnormality detection was triggered, causing the power to be shut off.	This device may become hot if left in a high-temperature environment or used continuously. Please open a window or use the air conditioner to lower the temperature inside the vehicle before use. Turn on the power only after the device has cooled down.
ID: D1A Still image recording from the dashcam failed.		Still images could not be recorded due to a faulty microSD card. / The microSD card is damaged.	• Please reinsert the microSD card. p(P.24), p(P.25) • microSD cards have a _____ limited lifespan (they cannot retain data indefinitely). Please replace it with a new, genuine microSD card.

others

Please address the relevant question accordingly.

Main unit	
Questions	answer
Audio was not recorded during continuous recording.	At the time of purchase, the system is set to not record audio during continuous recording. To change this setting, please refer to the Nissan original navigation system's instruction manual (p.5) or the viewer software (p.57).
If the LED does not light up or the power does not turn on even when the vehicle's power is turned on, there is a possibility that power is not being supplied to this unit. Please contact the Nissan dealer where you purchased the product.	
Can I insert this device's microSD card into a Nissan original navigation system and play videos from it?	Playback is not possible using the Nissan original navigation system. Please operate this unit from the Nissan original navigation system to play back the recorded video.
Recording and playback are not working properly. Please format the microSD card (p.60).	If you are still unable to record properly, please consult the Nissan dealership where you purchased the vehicle.
The notification sound is too quiet.	Please refer to the Nissan original navigation system instruction manual, or to the viewer software (p. 57). You can change the volume.
Can I change the recording time?	The recording time for parking mode can be changed in the settings. Other recording times cannot be changed. Please refer to the Nissan original navigation system instruction manual or the viewer software page (p. 56).
The video footage that I recorded or saved is missing.	This device is a continuous recording type video recorder. If the recording time or number of recordings on the microSD card is exceeded, older recordings will be overwritten, and recorded files may be lost. If necessary, back up the data on the microSD card to a computer or other device. You can also set manual recording, event (impact) recording, and parking recording to not overwrite. When overwriting is set to "do not overwrite," an error mark will be displayed on the monitor when the limit is exceeded, and further recording will not start. For information on what the error mark means, please refer to the Nissan original navigation system instruction manual.

Questions	answer
The recorded audio is too quiet.	The recording function on this device is not intended for recording voices, but rather for recording ambient sounds to supplement video, so the recording volume is set low. If the recorded sound is extremely quiet, please check if the built-in microphone (sound pickup area) of this device is being covered.
I want to increase the recording time.	We offer a separately sold microSD card. It has double the capacity of the included microSD card (16GB). The recording time/number of photos and maximum number of files listed in this manual will also be doubled. For more details, please contact your Nissan dealer.
Is it a navigation-linked dashcam?	This unit works in conjunction with the connected Nissan original navigation system. You can operate this unit from the connected Nissan original navigation system, but please refer to the Nissan original navigation system's instruction manual for operating instructions.
Event (impact) recording is frequently carried out.	This can be improved by changing the sensor sensitivity settings (events). Please refer to the Nissan original navigation system's instruction manual or the viewer software page (p. 57).
The device sometimes gets hot. Is this abnormal?	The device may become warm when used within its operating temperature range. This is simply due to the device's operation and is not a malfunction.
The color of the traffic signal may not be recorded.	Depending on the video recording cycle and the flashing cycle of LED traffic signals, the signal may appear to disappear for a moment. Also, in environmental conditions such as backlighting, the signal may not be visible. In such cases, please make your judgment based on the surrounding video footage and the condition of other vehicles. We are not responsible for any issues related to the inability to see the traffic signal.
The power to this unit does not turn off even when the engine is turned off.	If the unit does not power off even after turning off the engine and switching the vehicle's ignition switch (power position) to "OFF," parking recording mode is active. If the power does not turn off even after setting the recording time in the parking recording settings to "Do not record," please contact the Nissan dealer where you purchased the unit.
The device will not start up.	Please contact the Nissan dealership where you purchased your vehicle.
The system may start recording while parked if it detects vibrations from opening or closing the doors.	Please check the sensitivity setting for parking recording. If it is overreacting, you can lower the setting to make it less likely to detect. In addition to this "Parking Recording Setting," there is also a sensitivity setting in "Video Recording Setting." If the camera is overreacting to event (impact) recording from continuous recording, please check this setting.





From the previous page

Questions	answer
The recording time is recorded to a short duration.	If there is a lot of video other than continuous recording, the recording time for continuous recording will be shortened. Also, if there are files unrelated to the dashcam on the microSD card, the recording space will be reduced, resulting in a shorter recording time.
I want to turn off the notification sound.	Please refer to the Nissan original navigation system instruction manual, or to the viewer software (p. 57). You can turn off the <u>notification</u> sound by setting the notification volume to "0".
Will it work with a 4GB microSD card?	It will not work with 4GB. The Nissan original navigation system's ID error code (ID: D15) will be displayed. p(P.62) Please use the included 8GB or <u>separately</u> sold 16GB card. Operation cannot be guaranteed with microSD cards other than the included or separately sold ones.
The maximum usable microSD card capacity is	16GB. The included microSD card is 8GB, but we also offer a separately sold 16GB microSD card for longer recording times. For more details, please inquire with your Nissan dealer.
Video cannot be recorded to the microSD card.	You may not be using the included or original microSD card. Please be sure to use the included or original microSD card. Operation with commercially available microSD cards cannot be guaranteed. There may be a problem with the microSD card. Please format the microSD card (p.60). However, formatting will erase all data on the microSD card. Please back up any necessary data to a computer or other <u>device</u> . If the device is overheating, please lower the temperature inside the car. This will disable the protection function and allow recording.
The recorded or saved video cannot be played back.	If you change or delete file names on the microSD card using a computer or other device, the files may not play correctly on this device or DRIVE REVIEWER.
Can microSD cards recorded with this device be played back on a smartphone?	Please do not use this content for playback on smartphones. This content is designed to be played back using Nissan's original navigation system or dedicated viewer software, and the necessary information for this purpose is recorded. Therefore, we cannot guarantee the quality of the data if it is played back on other devices such as mobile phones or digital cameras.

Questions	answer
The speaker distorts during playback.	Dust or other debris accumulating on the built-in speaker can cause this distortion. For more details, please contact your Nissan dealer. Please contact the company.
The location information during playback is not displayed correctly.	Because location information is supplied using GPS data from Nissan's original navigation system, there may be times when location information cannot be recorded during recording, such as between turning on the power and connecting to the Nissan original navigation system. If location information is not recorded, the location information will not be displayed correctly during playback.

Viewer software: DRIVE REVIEWER

Questions	answer
When playing back videos recorded with the event (impact) recording function, some videos have a playback time of less than 20 seconds.	If an impact is detected immediately after the power is turned on, or immediately after an impact is detected, the video will be less than 20 seconds long.
Will the recorded video be accepted as evidence of the accident?	While this device is intended to be useful in accident investigations, it does not guarantee the effectiveness of the results as evidence.
Can the recorded video be viewed using general-purpose software such as Windows Media Player?	Playback may not be possible depending on the playback software. Also, information such as speed and position cannot be viewed.
I accidentally deleted the viewer	software. Please download the installer from the <u>dedicated website</u> (p.38) and reinstall it.
My computer doesn't recognize the microSD card when I insert it.	The microSD card may not be inserted correctly. Please reinsert the microSD card and/or card adapter. If you are using a card reader, the card reader itself may not be being recognized correctly by your computer. Please remove the microSD card from the card adapter and reinsert it. For information regarding your card reader, please refer to the instruction manual included with it.



Continued on the next page.

others



From the previous page

Questions	answer
What is the difference between standard definition and high definition video quality ?	Compared to standard definition, high definition allows you to shoot with better image quality, but the recording time will be shorter.
The viewer software won't start. Please check the	viewer software's operating environment (p.38). If there are no problems, please reinstall it (p.39).
Please reload the video file even after pressing the	play button. If it still doesn't play, the file may be corrupted. The video won't start.
When I press the play button, the video starts playing, but there is no sound.	Please refer to the Nissan original navigation system instruction manual, or to the viewer software (p.57) . Audio recording may be set to "OFF". Also, please check that the volume setting in the viewer software or on your computer is not set to minimum. If there is still no sound after changing the settings, please check that the built-in microphone (sound pickup area) of this unit is not covered.
The video may be distorted or the audio may cut out during playback.	Please check if your computer meets the recommended operating environment requirements (p.38). Playback and audio may be interrupted if your computer has low specifications or if other applications are running.
The vehicle's position and speed shown on the map are inaccurate.	Location information and vehicle speed are obtained using GPS information from Nissan's original navigation system. During recording, location information and vehicle speed may not be recorded, such as during the period between turning on the unit and connecting to the Nissan original navigation system. In this case, location information and vehicle speed will not be displayed correctly.
It doesn't play smoothly.	If other applications are running besides DRIVE REVIEWER, please close them.
Is the viewer software not compatible with Mac?	This software is not compatible with Mac OS. It is a viewer software for Windows only. (p.38)

Things you should know

Main specifications

γ Main Specifications

γ Main unit

Operating temperature range	γ 20 γγ 65γ
Storage temperature range	γ 30 γγ 85γ
Body size	W79.0 × H22.5 × D48.2 mm (With mounting bracket installed: H59.5mm)
quality	90g (including mounting bracket and cable holder)
Power supply voltage (operating voltage range)	14V (8.5 γ 16V)
Maximum consumption current	0.4A (at a power supply voltage of 14V)
G-sensor	Built-in, maximum 4.0G, in 0.1G increments
GPS antenna	Not included (uses GPS information from Nissan's original navigation system)
recording media	microSD card (included: 8GB pSLC)

γ Video Specifications

Video element	1/3-inch color CMOS
Effective pixels	3M (Sensor pixel count: 4M)
Shooting angle	Horizontal 117° × Vertical 63°
Number of recorded frames	27fps
Image size	Highest image quality: FULL HD (UXP) High resolution: FULL HD (XP) Standard definition: FULL HD (SP) Long-playback quality: HD (LP)



Continued on the next page.

others

Things you should know: Main specifications



From the previous page

Recording format	MOV(H.264+LPCM)
HDR	• (ON fixed)

These specifications and designs are subject to change without prior notice to customers.

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Things you should know about the software

About the software

MD5 utility /*

crypto/md5/md5.h */ Copyright

(C) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com).

The implementation was written so as to conform with Netscape's SSL.

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The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).

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CRC utility

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First, the polynomial itself and its table of feedback terms. The polynomial is $X^{32} + X^{26} + X^{23} + X^{22} + X^{16} + X^{12} + X^{11} + X^{10} + X^8 + X^7 + X^5 + X^4 + X^2 + X^0$

Note that we take it "backwards" and put the highest-order term in the lowest-order bit. The X^{32} term is "implied"; the LSB is the X^{31} term, etc. The X^0 term (usually shown as "+1") results in the MSB being 1

Note that the usual hardware shift register implementation, which is what we're using (we're merely optimizing it by doing eight-bit chunks at a time) shifts bits into the lowest-order term. In our implementation, that means shifting towards the right. Why do we do it this way? Because the calculated CRC must be transmitted in order from highest-order term to lowest-order term. UARTs transmit characters in order from LSB to MSB. By storing the CRC this way we hand it to the UART in the order low-byte to high-byte; the UART sends each low-bit to high-bit; and the result is transmission bit by bit from highest- to lowest-order term without requiring any bit shuffling on our part. Reception works similarly The feedback terms table consists of 256, 32-bit entries. Notes The table can be generated at runtime if desired; code to do so is shown later. It might not be obvious, but the feedback terms simply represent the results of eight shift/xor operations for all combinations

of data and CRC register values The values must be right-shifted by eight bits by the

"updcrc logic; the shift must be unsigned (bring in zeroes). On some hardware you could probably optimize the shift in assembler by using byte-swap instructions polynomial \$edb88320 CRC32 code derived from work by Gary S. Brown.

GPSPD

BSD LICENSE

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viewer software includes software licensed under the GNU General Public License, version 3, and other open source software licenses that require the distribution of source code. The source code for this software can be downloaded from the following dedicated website : <http://www.kenwood.com/jp/products/oem/dop/nissan/dj4>

others

Things you should know: Warranty and after-sales service

About the warranty

The warranty period is three years from the date of purchase or installation.

However, within that period, the warranty is limited to a maximum mileage of 60,000

km. Please check that the necessary information is filled in on the "Nissan Genuine Optional Parts

Warranty Certificate" issued by the Nissan dealer where you purchased the product, and keep it safe in your vehicle registration holder or similar.

About after-sales service

If the unit does not function properly, please refer to this instruction manual again. If the unit still does not function properly, please contact the Nissan dealer where you purchased it.

This unit is developed and manufactured by JVC Kenwood Corporation for Nissan Motor Co., Ltd. For inquiries, please contact the Nissan Motor Co., Ltd. Customer Service Center listed below.

For inquiries regarding Nissan Motor Co., Ltd., please contact the following:

Customer Service Center

0120-315-232 Operating Hours:

9:00 AM - 5:00 PM (excluding year-end and New Year holidays)

We record and utilize the content of your inquiries and consultations for customer service and quality improvement purposes. Depending on the content, if we determine that it is appropriate for one of our sales companies or other relevant parties to respond, we may disclose information to the extent necessary, and that sales company or other relevant party may contact you. Please be aware of this in advance. For details on how we handle personal information, please see the Nissan Motor Co., Ltd. website (<http://www.nissan.co.jp>).

Nissan Motor Co., Ltd.

1-1-1 Takashima, Nishi-ku, Yokohama City, Kanagawa Prefecture **220-8686**

Instruction Manual for Nissan Original Navigation System-Linked Drive Recorder



B5A-2584-10