

# Panasonic

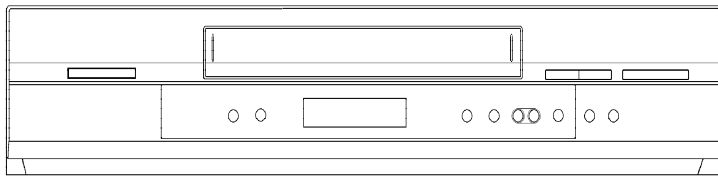
Operating Instructions  
Video Cassette Recorder

**NV-FJ631** Series (Hi-Fi)

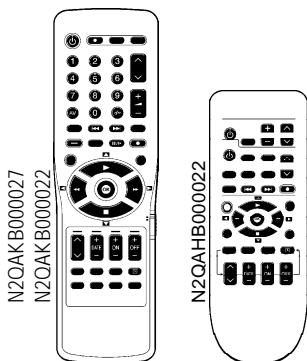
**NV-FJ630** Series (Hi-Fi)

**NV-FJ626** Series (Hi-Fi)

**NV-FJ623** Series (Hi-Fi)



***SUPER DRIVE***



N2QAKB000027  
N2QAKB000022

N2QAHB000022

**SHOWVIEW**

Model:  
NV-FJ626  
NV-FJ630  
NV-FJ631

Model:  
NV-FJ623

**Standard Accessories:**

- 1 remote control
- 1 RF coaxial cable
- 1 mains lead
- 2 batteries, type R6

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OSD = On Screen Display  
VCR = Video Cassette Recorder  
TV = Television

Please read through all these operating instructions (especially the safety information) before connecting or operating the VCR, or adjusting any settings.

## Warning and Important Information

- This unit is intended for use in moderate climates.
- Please observe copyright laws when recording sound tracks and film.

### Caution !

- Do not install, or place this unit, in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated. To prevent risk of electric shock or fire hazard due to overheating, ensure that curtains and any other materials do not obstruct the ventilation vents.
- Do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
- Do not place sources of naked flames, such as lighted candles, on the unit.
- Dispose of batteries in an environmentally friendly manner. Batteries, packaging and old equipment should not be disposed of as domestic waste, but in accordance with the applicable regulations.  
- Do not remove outer cover to prevent electric shock. There are no user serviceable parts inside. Refer all servicing to qualified service personnel.
- Only transport and set up this equipment in a horizontal position.
- Only connect cables when all the parts of this equipment are switched off.
- Only clean the outside of this equipment, using a soft cloth and no cleaning fluid.
- The mains lead must not be used for other equipment.
- In case of rapid temperature changes, do not operate this equipment for minimum of 1 hour.

### Warning:

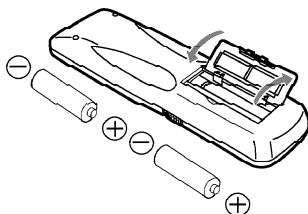
To reduce the risk of fire, electric shock or product damage, do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. This equipment, the remote control, the mains lead must not be used if it is damaged.

Protect them from:

- Direct sunlight, heat, cold, rain, wetness, oil, soiling and dust
- Insertion of fingers or objects
- Shock, vibrations and mechanical stress (do not bend the mains lead)
- Electric and magnetic fields
- Lightning strikes during thunderstorms (disconnect mains and aerial plugs)

### Instructions on inserting Remote Control Batteries:

- The lifetime of the battery is about 1 year, depending on the frequency of use.
- Do not use one old and one new battery, or different types of batteries together (e.g. one alkali and one zinc-carbon battery).
- Only insert batteries which contain no toxic materials (such as lead, cadmium, mercury).
- Do not use rechargeable type batteries.
- If the remote control will not be used for a long time, remove the batteries and store them in a cool and dry place.
- Do not heat or short-circuit the batteries.
- Remove empty batteries immediately and replace them with type AA, UM3 or R6.
- Observe the  $\oplus$  and  $\ominus$  polarities when replacing the batteries.



### Conserve the environment:

- See **Power save** on page 9.

## Safety Information



This equipment complies with European conformity requirements, in accordance with the conditions of electromagnetic compatibility and product safety.



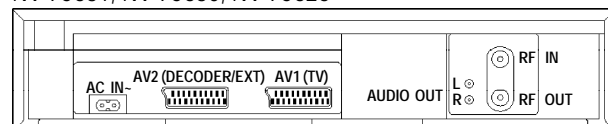
This equipment complies with the requirements of protection class 2.



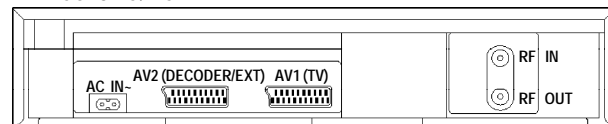
This equipment complies with the safety requirements of the VDE. (German Association of Electrical Engineers)

## Connections

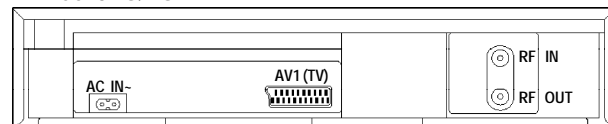
NV-FJ631, NV-FJ630, NV-FJ626



NV-FJ623EC/ECN



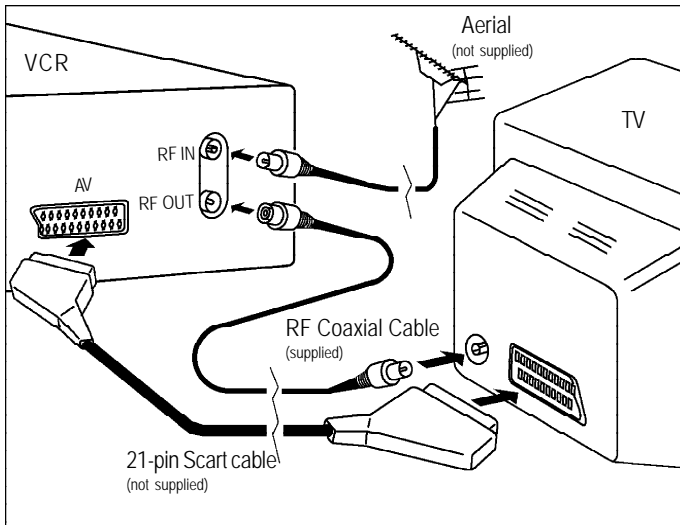
NV-FJ623EG/EGY



- AC IN- = Power supply
- AUDIO OUT = Audio output (L=left channel R=right channel)
- RF IN = Antenna input
- RF OUT = Antenna output

## Connecting and Setting up

Set up the connections shown here, and connect the mains lead (supplied) to your AC mains.

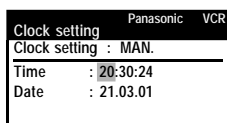
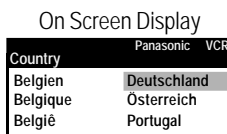


### Note:

- The RF (radio frequency) coaxial cable must be connected for TV reception, even if the video recorder is already connected with a 21-pin Scart cable.
- More information about the remote control buttons and of cursors, see page 4-5.

### Automatic Setting without Q Link

- Switch on the VCR and the [Country] setting menu will appear.
- Use the cursors on the remote control to select your country.
- After pressing , all the TV stations which can be received will be tuned automatically in about 5 minutes.
- When the menu [Clock setting] appears, use the cursors on the remote control to select the Time and Date manually.
- To end this procedure, press .
- To cancel this settings press **EXIT**.



### Notes:

- If the selection for the Country menu does not appear after switching on the VCR, you can restart the Automatic Setting; see page 8.
- An incorrect setting of Time or Date (observe summer- and wintertime) will influence the Timer recording.
- If you select the country [Suisse] the menu [Power save] will appear. Select the settings with the cursors and store with . More information see on page 9.

### Notes about :

(for NV-FJ631, NV-FJ630, NV-FJ626)

- Following systems from other manufacturers have similar function with Q Link from Panasonic.
- List of registered trademarks:  
Q Link (Panasonic), DATA LOGIC (Metz), Easy Link (Philips), Megalogic (Grundig), SMARTLINK (Sony)

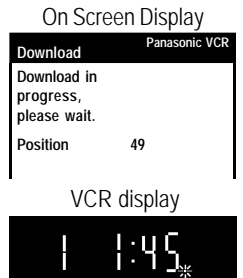
### Automatic Setting with Q Link

(for NV-FJ631, NV-FJ630, NV-FJ626)

If your TV is equipped with Q Link or with a similar function from other manufacturers (see notes), the TV programme positions can be downloaded with a fully-wired 21-pin Scart cable (not supplied).

The programme positions must be tuned on the TV first.

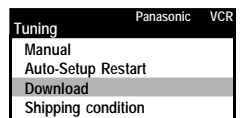
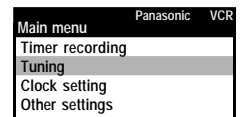
- Connect the Scart cable.
- Set the AV channel of the TV.
- Set the remote control to VCR.
- Switch on the VCR .
- Downloading of the TV data starts.
- When the indication appears on the VCR display, the downloading is complete.



### Manual download start

(for NV-FJ631, NV-FJ630, NV-FJ626)

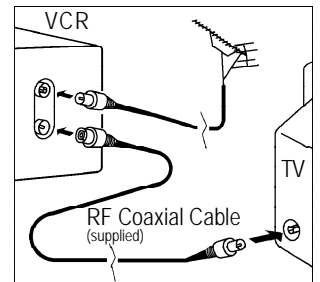
- Set the AV channel of the TV.
- press **MENU**
- Select [Tuning]
- Access by pressing
- Select [Download]
- Press
- Confirm by pressing
- When the indication appears on the VCR display, the downloading is complete.



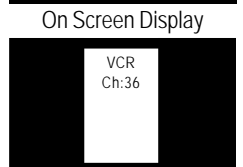
### If you want to connect the TV only with a RF Coaxial Cable

(supplied), you must ensure that the video output channel is adjusted to the input channel of the TV.

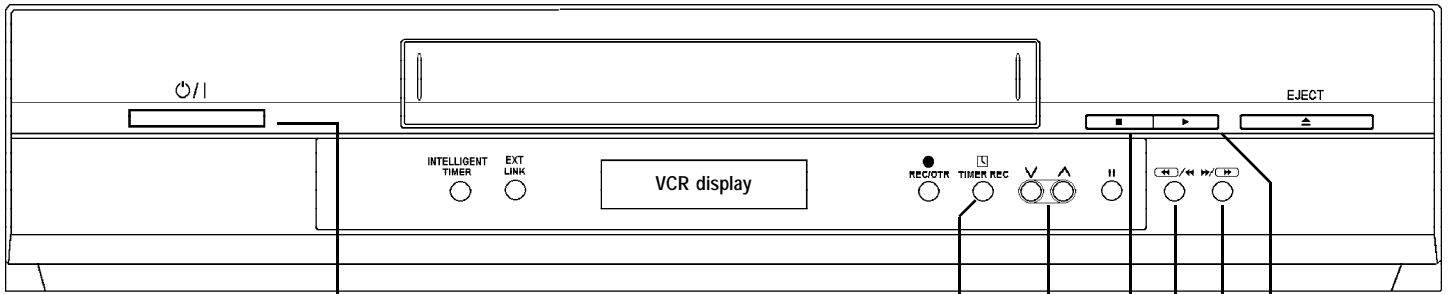
For this purpose, please also read the operating instructions for your TV.



- Switch on the VCR
- Press the **MENU** Button for about 7 seconds until the number of the channel appears on the VCR display (the pre-setting is channel 36).
- Tune the TV until the test screen appears. A distorted picture on the **channel** can be reduced, by adjusting the VCR and the TV to another channel.
- Use this button to select the channel number (e.g. channel 39).
- Tune the TV until the test screen appears.
- To store this adjustment, press .
- After that, please continue with the **Automatic Setting** with the [Country] setting menu.

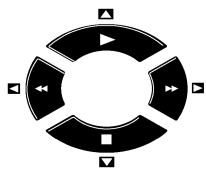


# Controls



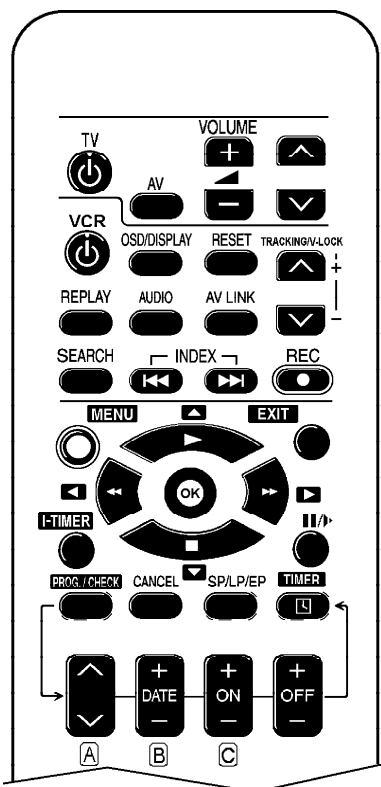
The functions of these buttons can be operated by the remote control or directly on the VCR. In this description, the remote control symbols are used in most cases.

## Menu Operation



These buttons are also used as cursors  $\blacktriangle$  $\blacktriangledown$  $\blacktriangleleft$  $\blacktriangleright$  in order to select items on the menu.

- MENU** **Display the Main menu.**  
(indicated by = **MENU**)
- EXIT** **EXIT a menu.**  
(indicated by = **EXIT**)
- OK** **Select or store a function.**  
(indicated by = **OK**)



## Playback



**Playback** (indicated by =  $\blacktriangleright$ )

VCR display



**Fast Forward and Forward Search (Cue)**



**Fast Rewind and Backward Search (Review)**



- To select Fast Forward or Fast Rewind, press these buttons when the video has stopped.
- To briefly watch the picture during Fast Forward or Fast Rewind, hold down the corresponding button.
- To Search press these buttons briefly during playback, and the search will continue until the Playback Button  $\blacktriangleright$  is pressed. Two times pressing increases search speed (JET SEARCH).
- If you keep this button pressed, the search function will continue until you release the button.



**Stop** (indicated by =  $\square$ )

- To stop winding a tape, recording or playback.



**Still Playback**

- Press this button during playback on the remote control or on the VCR  $\square$ .
- Resume normal playback by pressing this button again or the Playback Button  $\blacktriangleright$ .



**Slow Playback**

- Keep this button pressed down on the remote control for more than 2 seconds during playback.
- Resume normal playback by pressing the Playback Button  $\blacktriangleright$ .



### Notes:

To preserve the video heads, the following functions are switched off automatically after 5 - 10 minutes (Distorted pictures and tape transport noises during these functions are not functional faults):

- Forward Search (Cue)
- Backward Search (Review)
- Jet Search
- Still Playback
- Slow Playback.

# Operations

## TV Operation

With this remote control you can operate some Panasonic TV. Please also read the operating instructions for your TV.



**Switch the TV on and off.**



**Select the AV input on the TV.**



**Select the TV channel.**



VOLUME

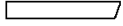


**Operate the TV volume.**




## VCR Operation

EJECT



**Remove the cassette.**

Press the EJECT Button on the VCR or press the Button  for more than 3 seconds on the remote control.



**Switch the VCR on and off.**

Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

TRACKING/V-LOCK



**Select the VCR channel.**



OSD/DISPLAY



**Display the time, Tape counter or Remaining tape time.**

Press this button repeatedly.

RESET



**Reset the Tape counter.**

Press this button. When inserting a cassette, the counter is reset to 0:00.00.

REPLAY



**Operate REPLAY Function.**

Press this button while playback.

INPUT



**Change over to AV channel.**

Press this button repeatedly.

AUDIO

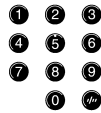


**Change the Sound mode.**

Press this button repeatedly.




Stereo sound:	Display L R
Left channel:	Display L
Right channel:	Display R
Mono sound:	No display appears.

## Model: NV-FJ626 / NV-FJ630 / NV-FJ631



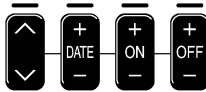
**Select the channel or the Show View number**

Use the Numeric buttons.

Sample: 18 =   



**Switch to teletext mode.**



**Operate the teletext menu.**

INPUT SELECT



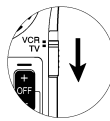
**Change over to AV channel.**

Press this button repeatedly.

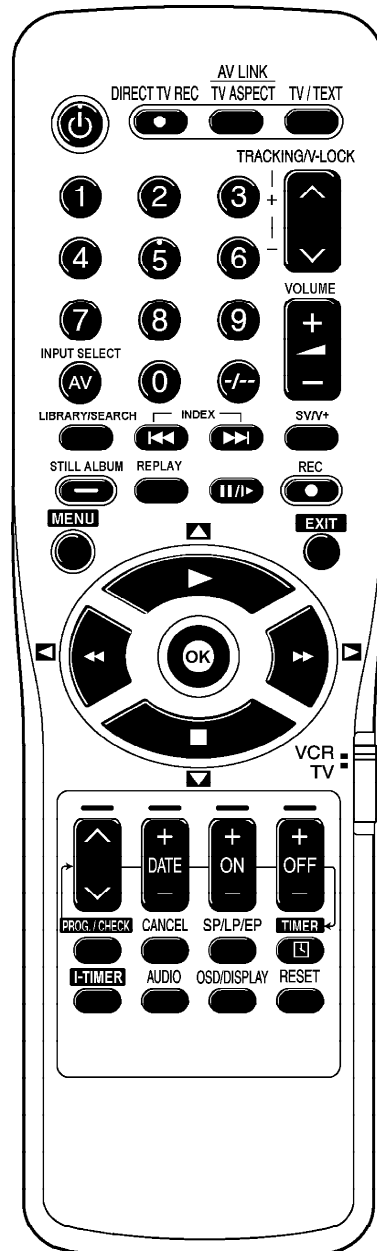
TV ASPECT



**Switch the screen format between the wide screen and other formats.**



**Set the remote control to TV operation.**



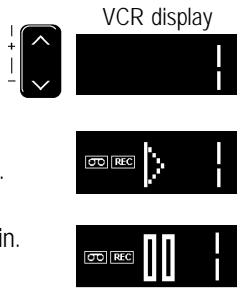
### Notes:

This button functions are not used on this VCR:

- STILL ALBUM
- LIBRARY

## Recording

- Switch on the TV to the video output channel, and insert a cassette with an intact erasure prevention tab into the VCR.
- Before **recording**, select the channel.  
Select the AV channel (AV) if you want to record a programme fed with a 21-pin Scart cable.
- Press **REC** to start recording.
- Press the **Stop Button**  to stop recording.
- Use **|||/▶** button to pause recording.
- Restart recording by pressing this button again. To preserve the video heads, the function will be switched off after 5 minutes.



### Note:

These functions can be also used with the VCR buttons:

 (rec),  (pause),  (stop) and  (channel)

## Direct TV Recording (for NV-FJ631, NV-FJ630, NV-FJ626)

This **DIRECT TV REC** button allows you to immediately start recording the same programme that you are viewing on the TV, if your TV is equipped with Q Link or with a similar function from other manufacturers (see page 3) and connected with a fully-wired 21-pin Scart cable (not supplied).

## OTR Function

(OTR = One Touch Recording)



To record for a specific length of time, press this button on the VCR.

You can extend the recording time from **30, 60, 120, 180 to 240 minutes**


by pressing the button repeatedly. To stop in advance press .

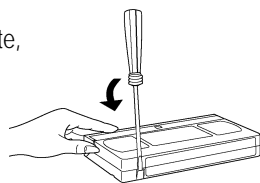
The selected length of recording time will appear on the VCR display.

If you want to watch **another TV programme at the same time** as you are recording, select the channel on the TV.

## Erasure prevention of a cassette

To prevent the accidental erasure of a cassette, remove the erasure prevention tab.

If you want to record again on a cassette with erasure prevention, and this symbol  is flashing on the VCR display, then cover the hole with adhesive tape.



## Tape Speed

Press this button before recording, in order to select the tape speed for the recording.



The following information appears on the VCR display :

- SP standard recording time: optimum picture quality.
- LP double recording time: slightly reduced picture quality.
- EP (SUPER LP) triple recording time: slightly reduced picture quality.



### Note:

Distorted pictures produced when playing back some cassettes (e.g. type E300) after LP or EP recordings are not functional faults.


## Timer Recording with On Screen Menu

With the **On Screen Menu** you can programme Timer recordings (up to 16 programmes).

Switch on the TV to the video output channel, and insert a cassette with an intact erasure prevention tab into the VCR. Set the remote control to VCR operation.

- Switch on the VCR .
- Press  to display [Timer recording] menu

Timer recording		Panasonic		VCR	
Pos	Name	DATE	Start	Stop	VPS
1...	32	Mo-Sa	13:30	14:00	LP ON
2...	32	20/9	15:00	16:00	SP OFF
3...	...	...	...	...	...

- Set the channel  
You can use the cursors  on the remote control to move around the menu, in order to make changes.
- Set the recording date, day or week. For example: Sa means that the programme will be recorded every Saturday, or Mo - Sa means that the programme will be recorded every day from Monday to Saturday. Su=Sunday, Mo=Monday, Tu=Tuesday, We=Wednesday, Th=Thursday, Fr=Friday, Sa=Saturday
- Set the start time.  
If you keep this button pressed down, the time will change in 30 minute jumps.
- Set the stop time.
- Set the Tape Speed SP/LP/EP or A (automatic). See also the description for Recording.





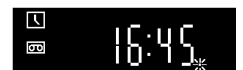
- In the **setting A** (automatic), the VCR automatically switches (with a short picture distortion) to the slow tape speed LP, to record the programme as long as possible.
- The preset [VPS / PDC] settings, can be manually changed (for NV-FJ631, NV-FJ630, NV-FJ626).  
[ON] The broadcaster is providing VPS / PDC signals. If the program is starting earlier or later than planned the timer recording will be synchronised to the actual broadcast start.  
**Important!** The time and the date settings must be exact same as programme information (programme magazine). If there is an special VPS / PDC time noted, it must be used. (The recording can not start, if the settings are not exact.)

- [ - - ] The broadcaster is not providing VPS / PDC signals.
- [OFF] The broadcaster is providing VPS / PDC signals, but the function is set off.  
With this settings you have to add to the start and stop time, that the whole film can be recorded completely, in case the film is broadcasted out of the planned start time.

- To check the **Remaining tape time**, look at the VCR display **REMAIN**. Make sure that the remaining time on the cassette is longer than the time set for recording, otherwise the whole programmes cannot be recorded.
- To store the programme, press **ok**.
- In order to preset other recordings, repeat this procedure.



- Press  to switch the VCR to Standby mode for **Timer recording**. Make sure that the VCR display  appears.

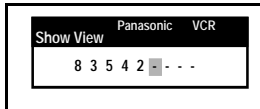


# Recording

## Timer Recording with ShowView (not for NV-FJ623)

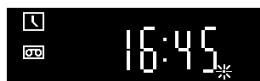
Switch on the TV to the video output channel, insert a cassette with an intact erasure prevention tab into the VCR and set the remote control to VCR operation.

- Press **SV/V+** = **SV/V+**
- Enter the ShowView number. For correction use **◀**.
- To access [Timer recording], press **OK**.
- If the channel name is not set automatically, select your Channel [Pos] **▲▼** and store with **OK**. The name of channel will be saved. To modify the [Name], see page 10.
- Set the Tape Speed SP, LP, EP or A (automatic).
- Check the Remaining tape time.
- To store the programme, press **OK**.
- To preset other recordings repeat the procedure.
- Press **TIMER** to switch the VCR to Standby mode. Make sure that the VCR display appears. For more information, see page 6.



Pos	Start	Stop	VPS
Name	DATE	ON	OFF
1. ARD	20/9	15:00	16:00
2. ....	-/-	-:-	-:-
3. ....	-/-	-:-	-:-

Pos	Start	Stop	VPS
Name	DATE	ON	OFF
1. .	15:00	16:00	SP
2. ....	-/-	-:-	-:-
3. ....	-/-	-:-	-:-



**SHOWVIEW** is a trademark of Gemstar Development Corporation. The **SHOWVIEW** system is manufactured under licence from Gemstar Development Corporation.

## Recording with Intelligent Timer Function

To set easily the Timer for programmes often broadcasted on the same channel and time each day (for example series), the Intelligent Timer Function remembers the channel number along with the start and end times of the last 8 programmes that you have recorded using Timer Recording.

- Press **I-TIMER**
- To select the programme **▲▼**
- Press **TIMER** to switch the VCR to Standby mode for **Timer recording**. If you want to modify the data first, follow the next steps.
- If more than 8 programmes are stored, the oldest data will be lost. To delete recording data manually, press **CANCEL** .
- To protect a programme press **▶** and the lock symbol will appear. To unlock a programme press **◀**.
- To modify the data, press **OK** and Timer recording Menu will appear.
- Change the data **▲▼◀▶**.
- Press **TIMER** to switch the VCR to Standby mode for **Timer recording**. For more information, see page 6.

Pos	Start	Stop	VPS
Name	Date	Start	Stop
ARD	20/10	15:00	16:00
ZDF	21/10	15:00	16:00

Pos	Start	Stop	VPS
Name	DATE	ON	OFF
1. ZDF	12/11	15:00	16:00
2. ....	-/-	-:-	-:-
3. ....	-/-	-:-	-:-

### Note:

- These functions can be also used with the VCR buttons: ,
- When [Shipping condition], [Auto - Setup Restart] etc. is done, Intelligent Timer data will be lost.
- To use Intelligent Timer Function, at least one timer recording has to be done.

## To cancel Standby mode for Timer recording,

press **TIMER** and the VCR display will disappear. Now you can playback a cassette or make a recording.

After that, you must press the button again to switch the VCR to the Standby mode for Timer recording.

## To check the Timer recording,

- press **PROG./CHECK** to display the [Timer recording] menu.
- Press **EXIT** to quit the menu.

## To delete or change a Timer recording,

- press **PROG./CHECK** to display the [Timer recording] menu.
- Use **▲▼** to select the entry to be changed.
- Press **CANCEL** to delete the Timer recording.
- Use the relevant function buttons to change the entries.
- Press **OK** to store these changes.
- Press **EXIT** to quit the menu.



## Programme List

The List of the Timer recordings are stored if:

- the recordings are longer than 15 minutes (EP mode 25 minutes)
- the cassette was not removed of the VCR.

Press **SEARCH** to display the [Programme List].

Pos	Name	Date	Start
1. ....	01	27/10	17:44
2. ....	01	28/10	15:00

- Select the programme **▲▼**.
- By pressing the **SEARCH** Button again, the VCR will wind the tape to the selected programme and start to playback.
- If you select another programme, press the **SEARCH** Button again, the playback will stop and the [Programme List] will appear.
- Press **EXIT** to quit the menu.

### Note:

If you have removed the cassette, or the power supply was interrupted, the Intro Jet Scan will be activated when pressing the **SEARCH** Button (see page 8).

# Functions


- When a cassette is inserted, the VCR switches on automatically.
- When a cassette without an erasure prevention tab is inserted, the VCR will automatically start playback.
- The cassette will automatically be rewound when reaching the tape end.
- The CVC System (Crystal View Control) ensures optimum picture quality.

## Repeat Playback Function

Press the **Playback Button** ▷ for more than 5 seconds when the VCR is on stop mode (the letter R will appear on the OSD). The VCR will keep replaying the cassette until the end of the recorded part. Press the **Stop Button** □ to exit this function.

## Child Lock Function

To deactivate the buttons on the VCR and the remote control,

press the **OK** and **OFF** buttons at the same time until this  display appears.

This display will also appear if attempts are made to operate the VCR when this function is activated, to inform that the VCR cannot be operated.

To cancel the **Child Lock Function**, press the same buttons until the display disappears.


If the power supply of the VCR is disconnected, the Child Lock Function is cancelled after about 60 minutes.

## Playback Off Timer Function

To stop the playback after a preset time, press the **Playback Button** ▷ on the **VCR** for more than 3 seconds during playback.

You can extend the playback time from **30, 60, 120, 180 to 240 minutes** by pressing the button repeatedly. To stop in advance press □. The selected length of playback time will appear on the VCR display.



## Intro Jet Scan Function

You can playback the beginning of each recording with the **Intro Jet Scan Function**. Press the **SEARCH**  Button. The VCR will rewind to the start of the tape, and play with high speed for 10 seconds the beginning of each recording (which is longer than 15 minutes). Once you have found the recording, press the **Playback Button** ▷. To cancel the search function, press the **Stop Button** □.

### Note:

For more explanation of the **SEARCH** Button, see Programme List on page 7.

## VHS Index Search System

To quickly find the beginning of a programme, press fast forward **INDEX** Button , or press backward **INDEX** Button .

This function only works on playback mode or in stop mode.

Depending on how many times you press these **INDEX** Buttons (up to a maximum of 20 times), the VCR will search through the tape to find the start of the programme, and will automatically start playback (for each programme which is longer than 5 minutes).

For example, if you press the **INDEX** Button three times, the VCR will search for the third programme.

To cancel the Index Search System, press the **Stop Button** □.

## Language setting

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select [Language] ▼
- Select the input field ▶
- Select the setting ▲▼
- Store by pressing **OK**
- Press **EXIT**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Other settings	Panasonic	VCR
Tape length	: AUTO (◀E-240)	
SQPB	: AUTO	
Power save	: OFF	
VCR display	: DIMMED	
OSD	: 4:3	
AV	: TV / EXT	
TV system	: PAL	
Language	: English	

## Restart Automatic settings

- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Select [Auto - Setup Restart] ▼
- Press **OK**
- Confirm by pressing **OK**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Tuning	Panasonic	VCR
Manual		
Auto - Setup Restart		
Shipping condition		

## Restoring the original settings of the VCR (Shipping condition)

- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Select [Shipping condition] ▼
- Press **OK**
- Confirm by pressing **OK**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Tuning	Panasonic	VCR
Manual		
Auto - Setup Restart		
Shipping condition		

## MESECAM setting

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select [TV system] ▼
- Select the input field ▶
- Set [MESECAM] ▲▼
- Store by pressing **OK**
- Press **EXIT**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Other settings	Panasonic	VCR
Tape length	: AUTO (◀E-240)	
SQPB	: AUTO	
Power save	: OFF	
VCR display	: DIMMED	
OSD	: 4:3	
AV	: TV / EXT	
TV system	: MESECAM	

## Tape length setting

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select the input field ▶
- Set [Tape length] ▲▼
- Store by pressing **OK**
- Press **EXIT**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Other settings	Panasonic	VCR
Tape length	: E - 195	
SQPB	: AUTO	
Power save	: OFF	
VCR display	: DIMMED	

## Clock setting

If the broadcaster is providing the time signal, the Time and Date is set automatically (NV-FJ631, NV-FJ630, NV-FJ626). [Clock setting] is set on [AUTO].

To set the time manually:

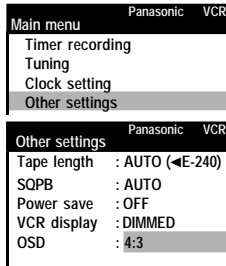
- Press **MENU**
- Select [Clock setting] ▼
- Access by pressing **OK**
- Select [MAN.] ▲▼
- Access by pressing **OK**
- Set the Time and Date ▲▼◀▶
- Store these settings by pressing **OK**
- Press **EXIT**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		
Clock setting	Panasonic	VCR
Clock setting	: MAN.	
Time	: 20:30:24	
Date	: 21.03.01	



## Setting of On Screen Displays (OSD)

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select **[OSD]** ▼
- Select the input field ▶
- Select the settings ▲▼
- Store by pressing **OK**
- Press **EXIT**

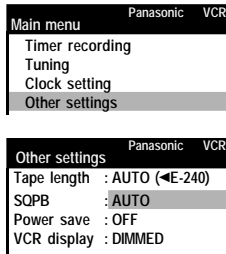


- 4:3 displays are on the edge of the screen (the displays are not visible during playback in 16:9 format)
- 16:9 displays are on the edge of the screen in 16:9 format (the displays are in the centre of the screen in 4:3 format)
- OFF No On Screen Displays

## Setting of SQPB

(S-VHS Quasi Playback)

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select **[SQPB]** ▼
- Select the input field ▶
- Select the settings ▲▼
- Store by pressing **OK**
- Press **EXIT**



**SQPB** settings:

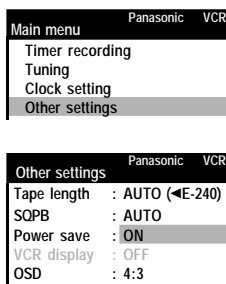
- AUTO VCR automatically recognises types of recordings
- ON Only S-VHS recordings should be played
- OFF Only VHS recordings should be played

### Note:

Distorted pictures during these playback function are not functional faults.

## Settings of Power save and the Brightness of the VCR display

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select **[Power save]** or **[VCR display]** ▼
- Select the input field ▶
- Select the settings ▲▼
- Store by pressing **OK**
- Press **EXIT**



**Power save** (when the VCR is switched off):

- OFF The VCR is in normal operating mode
- ON The VCR display is not illuminated (the VCR is saving power)  
To switch ON the VCR use **⏻/I** button on the VCR

**Adjust the Brightness of the VCR display:**

(only when the Power save function is set to OFF)

- ON The VCR display is brightly illuminated
- DIMMED The VCR display is dimmed
- OFF The VCR display is not illuminated

## NTSC Playback on PAL TV (For NV-FJ630, NV-FJ631)

This function allows to playback tapes which were recorded in NTSC.

On some TV pictures may be distorted during NTSC playback.

Try to adjust your TV. For this purpose, please also read the operating instructions for your TV.

Dubbing or recording of NTSC tapes with this VCR is not possible.

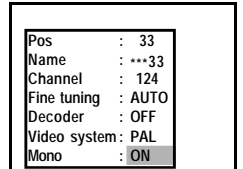
## Setting the sound system

The EC/ECN/ECY Series can receive

transmissions which are broadcast with **NICAM sound**.

This is a sound system with two sound channels which broadcasts either stereo sound or two separate mono channels (M1 and M2).

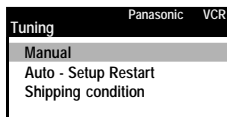
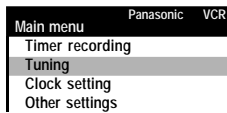
- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Access [Manual] by pressing **OK**
- Select the channel ▲▼
- Access by pressing **OK**
- Select [Mono] ▲▼
- Select the input field ▶
- Select the sound setting [ON] or [OFF] ▲▼
- Store by pressing **OK**
- Press **EXIT**



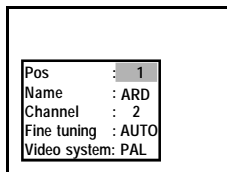
Select the setting [Mono] to [ON] if you want to record a normal mono sound on the Hi-Fi tracks of the VCR, for example, if the stereo sound is distorted through the reception conditions.

## To change the order of the Channel positions and the names of the TV station

- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Access [Manual] by pressing **OK**
- Select the Channel to be changed ▲▼
- Access by pressing **OK**
- Select the input field for [POS] ►
- **Input the Channel position** ▲▼
- Store the setting by pressing **OK**
- Select [Name] ▼
- Select the input field ►
- **Input the name of the TV station** selecting the first letter ▲▼
- Select the next letter ►
- Select the next letter ▲▼.
- To input an empty character, select the blank character between Z and \* .
- Store the setting by pressing **OK**
- Press **EXIT**



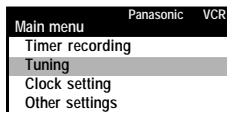
Panasonic VCR		
Tuning		
Pos	Name	Ch
1	ARD	2
2	ZDF	3
3	N3	8



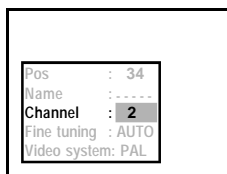
**Note:**  
Distorted pictures, you can adjust with [Fine tuning] and [Video system] .

## Setting a new Channel Add / Delete / Move a Channel on the list

- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Access [Manual] by pressing **OK**
- Search for an unused Channel position ▲▼ (for rapid search, keep the cursor button pressed down), or [Add] between other Channels using the DATE Button and add by pressing **OK**
- Access by pressing **OK**
- Select the **new Channel** ▲▼
- Store by pressing **OK**
- Select [Tuning] menu by pressing **MENU**
- Select the **Channel to be deleted** ▲▼
- Select [**Delete**] by pressing the button
- Delete by pressing **OK**
- Select the **Channel to be moved** ▲▼
- Select [**Move**] by pressing the ON Button
- Move the Channel to the new position ▲▼
- Store this new position by pressing **OK**
- Press **EXIT**



Panasonic VCR		
Tuning		
Pos	Name	Ch
33	***33	125
34	-----	---
35	***35	23

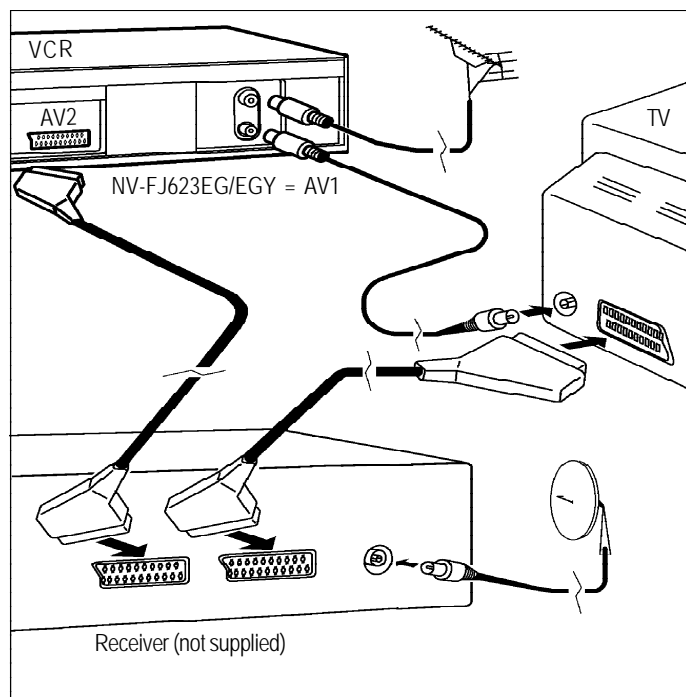


Panasonic VCR		
Tuning		
Pos	Name	Ch
33	***33	125
34	-----	---
35	***35	23



Delete    Add    Move  
                  |  
                  coloured commands

With some Satellite- or Digital Receivers it is possible to start a Timer recording, with a 21-pin Scart cable (not supplied) by using EXT LINK function. (Please read the operating instructions for your Satellite- or Digital Receiver for further information).



## Controls for external recordings

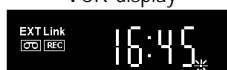
- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select [AV2] ▼ (NV-FJ623EG/EGY = AV)
- Select the input field ►
- Select the settings ▲▼
- Store by pressing **OK**
- Press **EXIT**

Main menu	Panasonic	VCR
Timer recording		
Tuning		
Clock setting		
Other settings		

Other settings	Panasonic	VCR
Tape length	: AUTO (◀E-240)	
SQPB	: AUTO	
Power save	: OFF	
VCR display	: DIMMED	
OSD	: 4:3	
AV2	: EXT LINK 2	

After you have preset the recording in the Satellite- or Digital Receiver, set the VCR on Standby Recording by pressing **EXT LINK** on the VCR.

VCR display

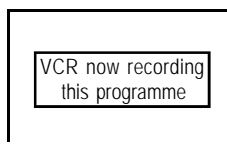


As long as a video picture is being transmitted by the Satellite- or Digital Receiver, the VCR will record it.

This notice is displayed on the screen.

In order to delete this notice, press **OK**.

To stop the recording, press the **EXT LINK** Button on the VCR.

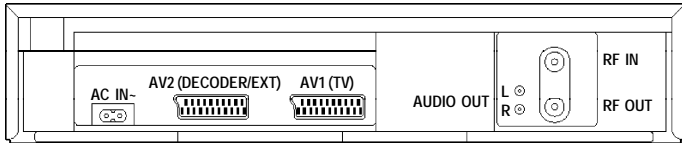


- EXT LINK2 To control external recording with some Satellite- or Digital Receiver (Videosignal).
- EXT LINK1 For a Digital Receiver which transmits a special control signal for recordings, for example the F.U.N. Receiver (TU-DSF31).
- EXT To connect an external equipment (e.g. TV), the EXT LINK Button on the VCR is not activated. (TV/EXT = NV-FJ623EG/EGY)

## Note:

The programmes to be recorded on your VCR should not overlap with the recordings of the Satellite- or Digital Receiver.

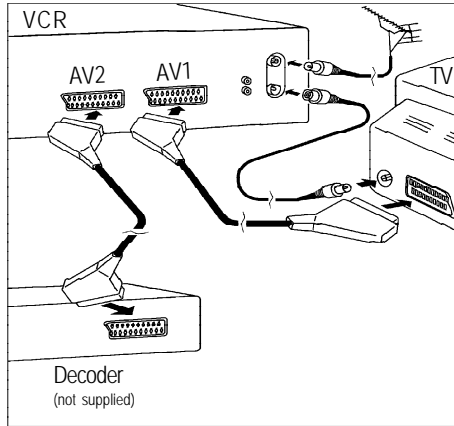
# Decoder



## Connecting a Decoder

with a 21-pin Scart cable (not supplied) to AV2 of the VCR  
(for NV-FJ631, NV-FJ630, NV-FJ626, NV-FJ623EC/ECN/ECY).

This device is used to decode scrambled broadcasts (Pay TV).



Set **AV2** to Decoder:

- Press **MENU**
- Select [Other settings] ▼
- Access by pressing **OK**
- Select [AV2] ▼
- Select the input field ▶
- Select the settings ▲▼
- Store by pressing **OK**
- Press **EXIT**

Panasonic VCR	
Main menu	
Timer recording	
Tuning	
Clock setting	
Other settings	
Other settings	
Tape length	: AUTO (◀E-240)
SQPB	: AUTO
Power save	: OFF
VCR display	: DIMMED
OSD	: 4:3
AV2	: <b>DECODER</b>

**DECODER** For connecting a Decoder.

**EXT LINK2** To control external recording with some Satellite- or Digital Receiver (Videosignal).

**EXT LINK1** For a Digital Receiver which transmits a special control signal for recordings, for example the F.U.N. Receiver (TU-DSF31).

**EXT** To connect an external equipment (e.g. second VCR), the **EXT LINK** Button on the **VCR** is not activated.

## Set the Channel to Decoder

- Press **MENU**
- Select [Tuning] ▼
- Access by pressing **OK**
- Access [Manual] by pressing **OK**
- Select the encoded channel ▲▼
- Access by pressing **OK**
- Select [**Decoder**] ▼
- Select the input field ▶
- Select the Decoder to [ON] ▲▼  
(the picture in the background should become clear)
- Store change by pressing **OK**
- Press **EXIT**

Panasonic VCR		
Tuning		
Pos	Name	Ch
33	***33	124
34	PREMI	87
35	***35	123

Pos	: 34
Name	: PREMI
Channel	: 87
Fine tuning	: AUTO
Decoder	: <b>ON</b>
Video system	: PAL
Mono	: OFF

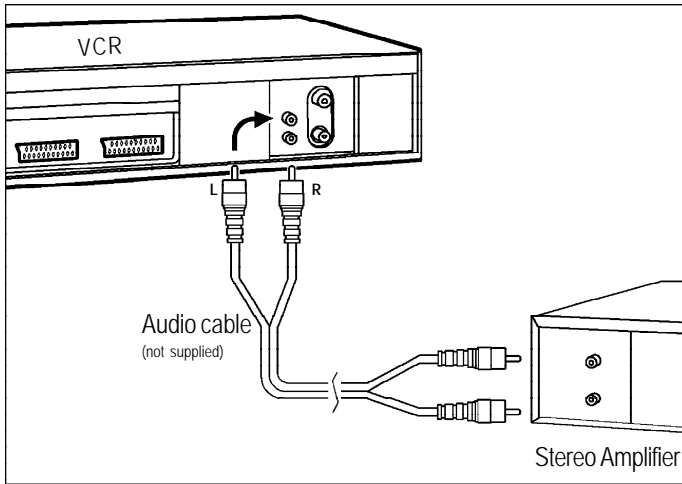
## AV LINK Function

You can select the TV or video reception with the **AV LINK** button.  
If video reception has been selected, the VCR display will indicate VCR.

# Amplifier

Connect your VCR (NV-FJ631, NV-FJ630, NV-FJ626) with an Audio cable (not supplied) to the stereo amplifier.

Take care on the direction of the connection:  
left = white (L) right = red (R)



With an special scart cable (not supplied) you can connect the VCR's AV out with an amplifier. This is also possible with the NV-FJ623.

## Adjusting the Playback picture

If the picture is distorted with noise bars, press the TRACKING / V-LOCK Button in the (+) or (-) direction during Playback, Still Playback or Slow Playback.



Noise bars on the TV picture



For automatic adjustment, press (+) and (-) at the same time.

### Note:

The tracking cannot be adjusted on certain cassettes. This is not a functional fault of the VCR.

## The meaning of some On Screen Displays

### Please use tape with unbroken recording tab !

The REC Button or REC/OTR Button was pressed to record, but the cassette's erasure prevention tab has been broken off.

- In order to record, use a video cassette with an intact erasure prevention tab (see page 6).

### This action is not possible before time and date are set

The PROG./CHECK Button or SV/V+ Button was pressed without a date and time being set on the VCR.

- Set the date and time (see page 8).

### No timer programmes to be done !

The TIMER Button was pressed, but no timer recording was programmed.

- Programme a timer recording (see pages 6-7).

### Please put VCR into stop mode first

An attempt was made to change the programmed data while a timer recording was still in progress.

- You must stop the recording first by pressing the TIMER Button before you can change the programming.

## Before Requesting Service

### The VCR display is not illuminated:

The mains lead is not connected.

- Check the connection.

The VCR is set to Power save mode.

- Settings can be changed (see page 9).

The VCR display is set to OFF.

- Settings can be changed (see page 9).

Safety devices are operating.

- Disconnect the VCR from AC mains for one minute, then check if the VCR can be operated.

### The VCR display is illuminated, but the VCR cannot operate:

The VCR is in Timer recording Standby mode.

- Cancel Standby mode by pressing the TIMER Button.

The child lock is activated.

- Settings can be changed (see page 8).

### Tape transport noise

During JET SEARCH the tape transport noise will increase.

- This is not a functional fault.

### The picture or the sound is distorted:

The TV reception is not adjusted to the VCR.

- Readjust the reception (see page 3).

The tracking is not set correctly.

- Adjust the tracking manually (see page 14).

Picture distortion can be caused by using E300 cassettes which were recorded with a slow tape speed (LP or EP).

- You are advised not to use E300 cassettes.

The cassette is recorded in a tape speed, colour or video standard which is not corresponding to the VCR setting.

- Check which standard was used when the video cassette was recorded. Setting of PAL or MESECAM can be adjusted manually (see page 8). For more information about NTSC see page 9.

The aerial cable or scart cable is not correctly connected or is defective.

- Check the connections, aerial signal and cables (replace cables if necessary).

Setting for SQPB (S-VHS Quasi Playback) is not correct.

- Setting can be changed (see page 9).

The playback picture is distorted when you record the tape on EP mode using MESECAM system. (This is not a functional fault).

- We recommend PAL system for recording on EP mode.

The video heads are soiled or worn out.

- Please contact service center for assistance. Head cleaning by a service center is not covered by warranty.

This product may receive radio interference caused by mobile telephones during use.

- In such interference is apparent, please increase separation between the product and the mobile telephone.

### Automatic Clock correction is not working correctly:

[Clock setting] is on manually [MAN.]

- Set clock to [AUTO] (see page 8).

The VCR is set to Power save mode.

- Settings can be changed (see page 9).

There is no programme with clock signal available.

- Set the clock manually (see page 8).

### The remote control does not work correctly

The signal from the remote control does not reach the VCR's window, or the distance is too long.

- Remove obstructions between the VCR and the remote control (its transmitting distance is about 7 metres).


The batteries in the remote control are exhausted, or the batteries have not been inserted with the correct polarity.

- Check the batteries and if necessary insert new batteries (see page 2).

The VCR is set to Power save mode.

- Settings can be changed (see page 9).

### The recording function does not work correctly

The VCR display  is flashing when you try to record.

- In order to record, use a video cassette with an intact erasure prevention tab (see page 6).

The Programmed recording function does not work.

- The time and date must be set correctly (see page 8).

The VCR does not record, even though the recording has been programmed.

- Set the start time and the time to stop recording correctly, and set the VCR on Standby Recording by pressing the TIMER Button (see pages 6-7).
- The VPS / PDC function was used to set the recording, but the Start time input was incorrect (see page 6-7)

If problems occur which you cannot deal with yourself, consult a service center (see the Guarantee Information).

## I-TIMER

page 7

Thru this INTELLIGENT TIMER function the programming and the recording will be even more easy than before. The INTELLIGENT TIMER is storing the programme data up to 8 timer recordings.

For example, if you want to record the continuation of your favourite series, you need only to press the I-TIMER button and the stored programme data will be displayed with today's date. Now you can select the programme, and with the confirmation of the TIMER REC button the programming is ready.

If your remote control is not at hand, you are also able to programme directly with the button on your VCR.

## Easy Guide OSD

The Easy Guide OSD is directing you directly step by step to the destination. There is a big number of different individual Settings and languages, with a quick overview of all functions.

## SQBP

page 9

Super VHS Quasi Play Back (SQBP)  
You want to watch from time to time tapes which are recorded with an S-VHS VCR?

No problem anymore: This VCR can play back tapes in VHS quality, which are recorded with the S-VHS and S-VHS-ET format.

## SUPER Long Play

page 6, 7

The Super Long play (EP mode) gives you the possibility to record three times longer than in Standard Play mode (SP). You can record up to 720 minutes = 7 hours on a 240 minutes cassette.

## AUTO Long Play

page 6, 7

If the rest of the tape length is shorter than the needed tape time, this VCR is supporting a recording mode, that the VCR will automatically change from Standard Play (SP) to Long Play (LP) to complete the recording of the film.

## Intro-Jet Scan

page 7, 8

To check the content of the tape, you can use the Search button to play back 10 seconds of every recording. If you found the title, simply press the Play button to watch the film.

## Jet Rewind

page 4

The Panasonic VCRs are equipped with a Jet Rewind Drive. To rewind a E180 cassette it will take only 60 seconds. For convenient winding and searching, the tape transportation speeding up extremely fast and is stopping softly in very short time.



page 3, 6

for model:  
NV-FJ631  
NV-FJ630  
NV-FJ626

With an Euro AV connection and with the Q Link function the VCR is able to communicate with the TV:

- copying automatically the tuning positions of the TV
- after finishing the playback, the VCR will switch automatically into Standby mode if you switch of the TV
- one touch on DIRECT TV REC and the VCR will record the film you are watching on the TV
- if you insert a tape into your VCR, the TV in Standby mode will be switched automatically on.

## External Link

page 12

With External Link the timer recording from the Satellite- or Digital Receiver is now very simple.

Set your programme in the receiver and switch your VCR with the External Link function into the Standby mode and in the stated time the recording will start automatically.

## NTSC Playback

page 10

for model:  
NV-FJ631  
NV-FJ630

In Europe colour system PAL is mainly used, but some other country using NTSC colour format.

With the NTSC Playback function of the VCR NV-FJ631 and NV-FJ630 you can watch a NTSC VHS tape (for example: from overseas) on your PAL TV.

## REC/OTR

page 6

When you want to record manually you can easily set the recording time to 30, 60, 120, 180 or 240 minutes, only by pressing the REC/OTR button repeatedly. The selected recording time will be displayed.

## VPS/PDC

page 6

for model:  
NV-FJ631  
NV-FJ630  
NV-FJ626

Some stations broadcasting this signal to control the start and stop time of a timer recorded programme. The VCR (NV-FJ631, NV-FJ630 and NV-FJ626) can interpret this signal to record correctly the beginning and end of the film also if the broadcasting time is shifted (for example if a live show is running longer than scheduled).

## SHOWVIEW

page 7

for model:  
NV-FJ631  
NV-FJ630  
NV-FJ626

The ShowView numbers make it extremely easy to set the VCR for timer recording. Only by typing the numeric code (for example out of the TV magazine) and the VCR (NV-FJ631, NV-FJ630 and NV-FJ626) will translate this number into the timer recording data. After the data are confirmed (by pressing the TIMER REC button) the recording is already programmed.

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CVC		8	<b>P</b> DC		6	Still playback		4, 6
<b>D</b> ATE		3, 6, 8	Picture distorted		3, 14	Stop		4
Decoder		12	Playback		4	SUPER LP (EP)		6, 7
Delete		10	Playback Off Timer		8	SV/V+		7
Digital Receiver		11	Power save		9	<b>T</b> ape counter		5
DIMMED		9	PROG. / CHECK		6, 7	Tape Speed		6, 7
DIRECT TV REC		6	Programme List		7	Teletext		5
Disposal		2	<b>Q</b> Link		3, 6	TIMER		6, 7
<b>E</b> JECT		5	<b>R</b> EC		6	Timer recording		6, 7
EP (SUPER LP)		6, 7	REC/OTR (One Touch Recording)		6	TRACKING / V-LOCK		14
Erasure prevention		6	Recording		6	TV / TEXT		5
EXT LINK		11, 12	Remaining tape time (REMAIN)		5, 6, 7	TV ASPECT		5
<b>F</b> ast Forward		4	Remote control		2, 4, 5	TV Operation		5
Fast Rewind		4	Repeat Playback		8	<b>V</b> CR display		9
<b>I</b> NDEX (VHS Index Search System)		8	REPLAY		5	VCR Operation		5
INPUT		5, 6	RESET		5	Volume		5
I-TIMER (INTELLIGENT TIMER)		7	Restart Automatic settings		8	VPS		6
Intro Jet Scan		8	RF Coaxial cable		3			
<b>J</b> ET SEARCH		4						

## Specifications

Power supply	<b>220-240 V AC, 50/60 Hz</b>
Power consumption	<b>18W</b> (in operation) / <b>approx. 3W</b> (in Power save)
Controls	multifunctional remote control (VCR and Panasonic TV) / VCR direct controls (main functions)
Playback functions	PAL and NTSC Playback on PAL TV (NV-FJ630 / NV-FJ631) S-VHS Quasi Playback (SQBP)
Video and Audio heads (helical scanning system)	4 heads (Super Ferrite Head) / 2 heads Hi-Fi
Tape speed / Record and playback time	SP: 23.39 mm/s, 240 min / LP: 11,7 mm/s, 480min (E240 cassette)
Fast forward or fast rewind time	approx. 60 s (E180 cassette)
Video TV Colour system	PAL colour signal
Video input and output level	1.0 V peak-to-peak, 75 Ohm, terminated
RF modulated	UHF channel (21-69), 75 Ohm
Audio Input level	-6 dBV, more than 10 kOhm
Audio Output level	-6 dBV, less than 1 kOhm
Horizontal resolution (colour)	more than 240 lines (SP)
Signal-to-noise ratio video	more than 43 dB (SP)
Dynamic range audio	more than 43 dB (SP) / more than 90 dB (Hi-Fi sound tracks)
Audio frequency response	80 Hz to 8 kHz / 20 Hz to 20 kHz (Hi-Fi sound tracks)
Operating temperature / humidity	5°C to 40°C / 35-80% relative humidity
Weight and Dimensions (approximate value)	3.5 kg / 430 (width)x87 (height)x282 mm (depth)

**Matsushita Electric Industrial Co., Ltd.**

<http://www.panasonic.co.jp/global/>

These specifications are subject to change without notice.

[ENG] VQT9524