

QUICK START GUIDE

Panasonic®

DVD Recorder

Model No.

DMR-ES20DEB **DIGA**

How to use this Guide

	Page
Connecting with 21-pin Scart cable	2
Connecting with AV cable / S Video cable	3
Auto-Setup with Q-Link	4
Auto-Setup without Q-Link	4
Connecting with RF cable (Aerial cable)	5
Auto-Setup with RF cable (Aerial cable)	5
Removing interference /	6
Changing RF output channel	6
Checking the settings after Auto Setup	6

Dear customer,

may we take this opportunity to thank you for purchasing this Panasonic DVD Recorder. Please use this Quick Start Guide to help you set up your DVD Recorder. We would also advise you to carefully study the operating instructions and note the listed precautions before use.

Condensation precaution

This DVD Recorder is not fitted with a condensation sensor. If you bring in the DVD Recorder from a cold place, e.g. a car, into a warm house, dew may form inside the DVD Recorder.

Do not switch it on for at least 1 hour.



Check that you have the accessories and items shown

Included Accessories



Remote control
EUR7729KK0

Guarantee Card

AC mains lead
RJA0044-3C



RF cable
K1TWACC00001



Quick Start Guide

Batteries for the
remote control
R6 size

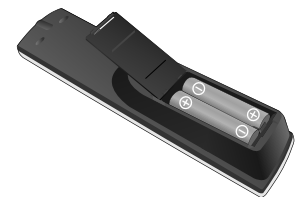


Audio / Video cable
K2KA6CA00001



Operating Instructions

Fit the batteries into
the remote control



Panasonic® Sales and Support Information

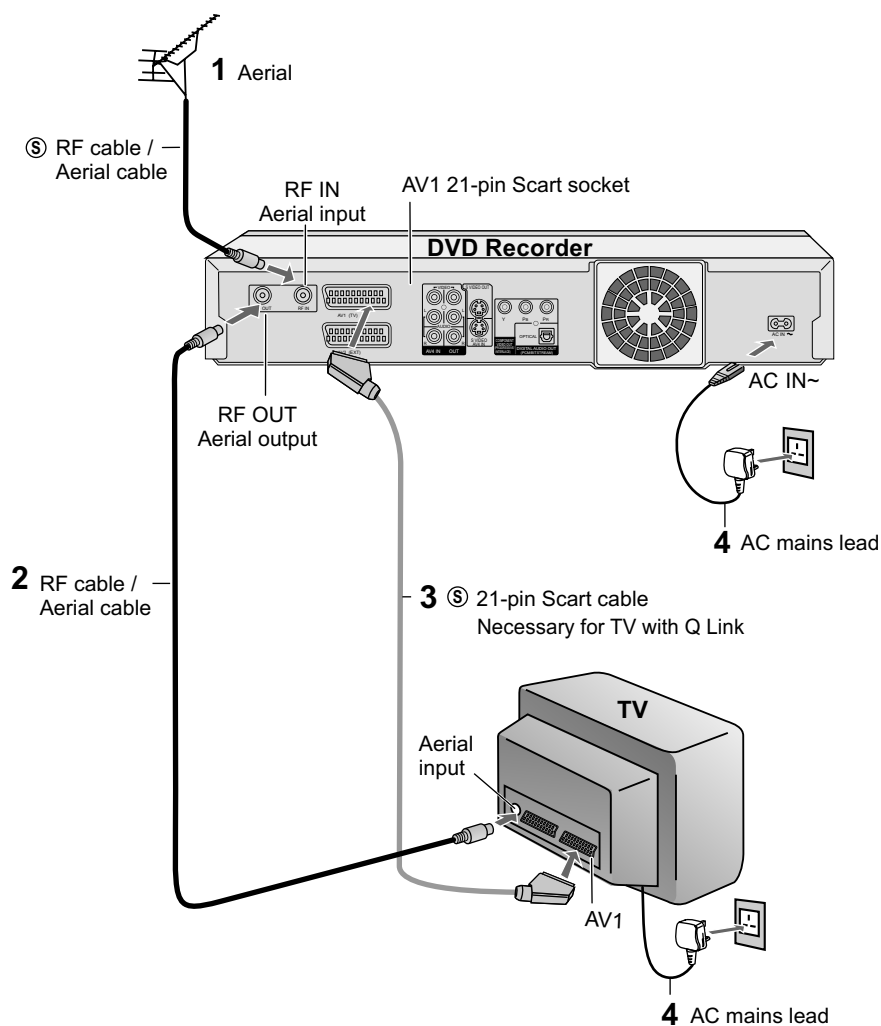
Customer Care Centre

- For customers within the UK:
08705 357357
- Visit our website for product information:
www.panasonic.co.uk
- E-mail:
customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday - Thursday 9:00am - 5:30pm, Friday 9:30am - 5:30pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at **www.panasonic.co.uk**
- Most major credit and debit cards accepted.
- All enquiries, transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Connecting with a 21-pin Scart cable



Optimal connection.

Follow the steps below.

Disconnect the power from all units.

- 1 Connect the aerial to the RF IN (Aerial input) of the DVD Recorder.
- 2 Connect the RF OUT (Aerial output) of the DVD Recorder to the Aerial input of the television set.
- 3 Connect the AV1 socket (21-pin Scart socket) of the DVD Recorder to the Scart input of the television set.
- 4 Connect the DVD Recorder and the television set to the AC mains socket.

If your television supports Q-Link follow the steps for Auto-Setup with Q-Link on page 4.

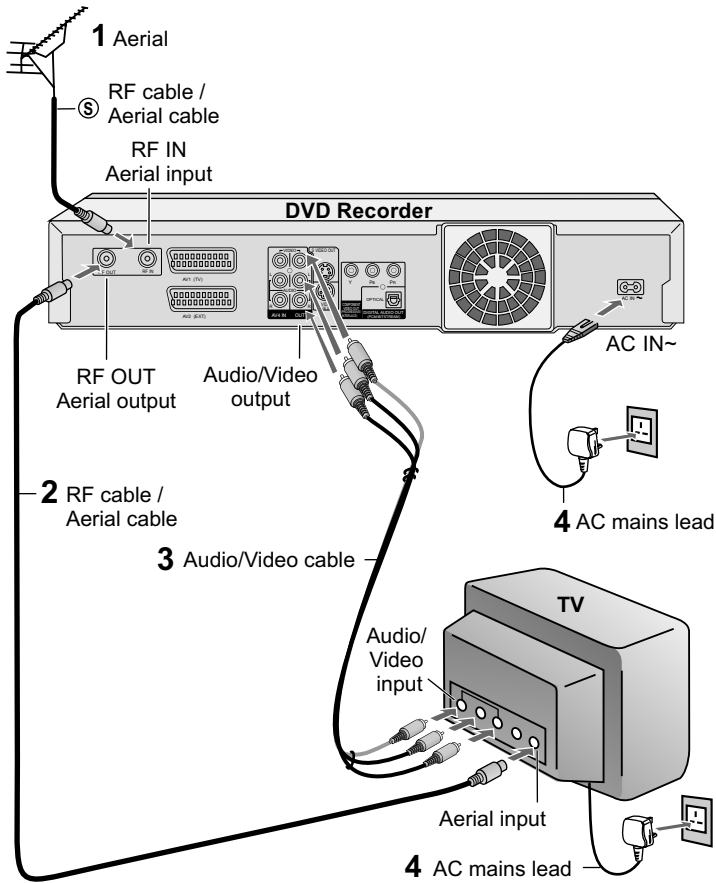
If your television does not support Q-Link follow the steps for Auto-Setup without Q-Link on page 4.

If your television supports Q-Link or RGB, connect it to the DVD Recorder with a fully wired 21-pin Scart cable.

SETUP - Connection - [AV1 Output]. Please see Operating Instructions. 77

Ⓢ =Extra equipment for the connection shown: RF cable (Aerial cable)
21-pin Scart cable

Connecting with Audio/Video cable



Commonly used standard connection.

Follow the steps below.

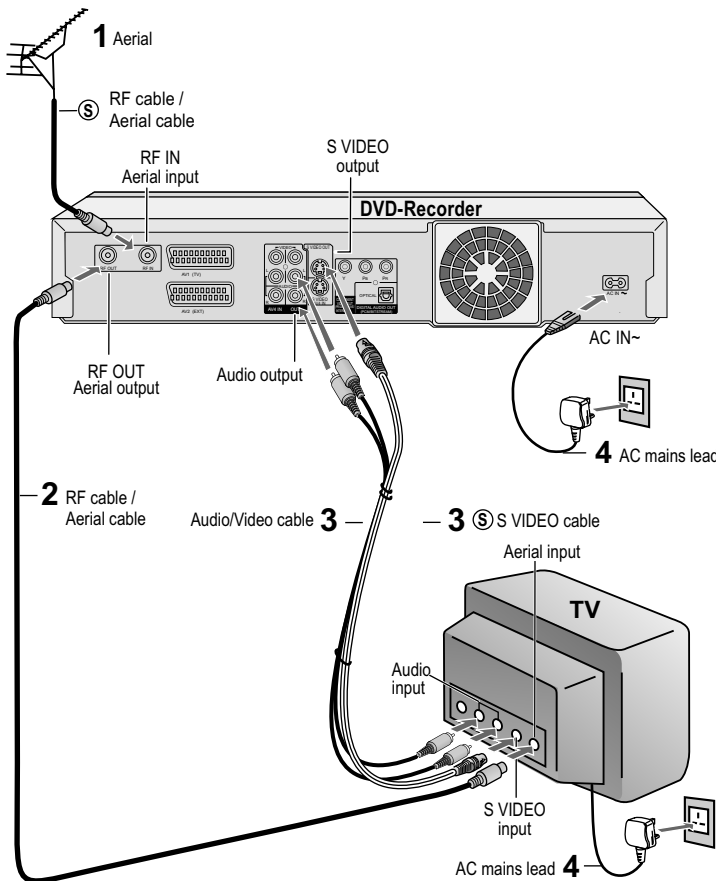
Disconnect the power from all units.

- 1 Connect the aerial to the RF IN (Aerial input) of the DVD Recorder.
- 2 Connect the RF OUT (Aerial output) of the DVD Recorder to the Aerial input of the television set.
- 3 Connect the DVD OUT (AUDIO L/R, VIDEO) of the DVD Recorder to the input of the television set.
- 4 Connect the DVD Recorder and the television set to the AC mains socket.

Follow the steps for Auto-Setup without Q-Link on page 4.

Ⓢ = Extra equipment for the connection shown:
RF cable (Aerial cable)

Connecting with S VIDEO cable



The S VIDEO connection delivers a clearer picture than the audio/video connection.

Follow the steps below.

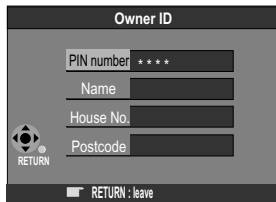
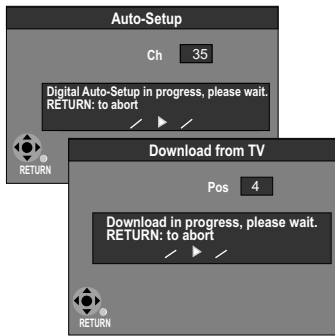
Disconnect the power from all units.

- 1 Connect the aerial to the RF IN (Aerial input) of the DVD Recorder.
- 2 Connect the RF OUT (Aerial output) of the DVD Recorder to the Aerial input of the television set.
- 3 Connect the AV4 OUT (AUDIO L/R) of the DVD Recorder to the input of the television set. Connect the S VIDEO OUT of the DVD Recorder to the input of the television set.
- 4 Connect the DVD Recorder and the television set to the AC mains socket.

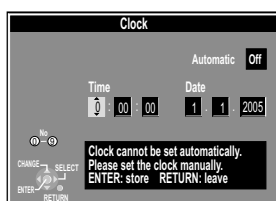
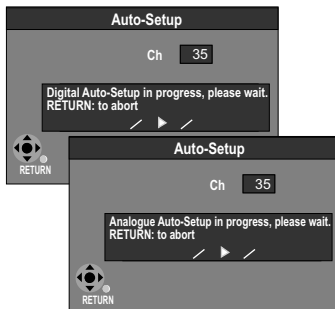
Follow the steps for Auto-Setup without Q-Link on page 4.

Ⓢ = Extra equipment for the connection shown:
RF cable (Aerial cable)
S VIDEO cable

Setup with Q-Link



Setup without Q-Link (Automatic tuning)



Download from TV using Q-Link (Registered trademark of Panasonic)

You can download the tuning positions for analogue channels from the TV set. Time and date will be set automatically by the Auto Clock Setting function.

Note that you must first perform a station search if you use the TV for the first time. If you have a Panasonic television, [Download from TV] will be displayed automatically at the beginning of the station transfer.

- Switch your television on and select the AV channel.
- Switch the device on using the **Standby/on switch**.

The unit starts the station transfer. A station search for the digital channel starts first. The number of channels found is displayed on the screen after the station search. Then the analogue station positions are automatically transferred from the television. The station transfer is complete when the Owner ID screen appears.

Owner ID

You can complete the Owner ID now or skip this step and do it later. To do it later, press the **RETURN** button. Your DVD Recorder is now ready to use.

- To set the Owner ID now, press the **Numeric** buttons or **▲▼▶** to enter a four-digit PIN number. Press **◀**, to correct the digit.
- Be sure to remember the PIN number (write it down).
- Press the **ENTER** button twice to confirm.
- Enter the [Name], [House No] and [Postcode] in the same way.
- Press the **ENTER** button to confirm each entry.
- Press the **RETURN** button to leave the Owner ID screen.
- You will now see the TV picture. Your DVD Recorder is now ready to use.

If the clock setting menu appears

(Auto clock set was not possible due to a weak signal)

- Press **▲▼▶** to set the correct time and date and press **ENTER** to finish this setting.

Mind that a wrong date or time will influence the programmed recording of TV programmes (don't forget to change summer time and winter time).

If Auto-Setup has previously been completed the DVD Recorder will not start Auto-Setup automatically. In this case you can re-start Auto-Setup again. See page 71 of Operating Instructions.

*If you want to cancel Auto-Setup before it has finished, press the **RETURN** button. You can restart Auto-Setup again. See page 71 of Operating Instructions.*

Auto-Setup

The automatic setup saves all available TV stations. If the station also broadcasts The date and time, then the clock is also set automatically.

- Switch on your television and select the AV channel.
- With the **Standby/on switch** turn on the DVD Recorder. Automatic tuning for all available TV stations begins. The search is first performed for the digital and then the analogue stations. The number of channels found is displayed on the screen after the station search. Approximate duration is 5 minutes.
- After Automatic tuning has finished, press **RETURN**. The Owner ID screen will appear.

Owner ID

You can complete the Owner ID now or skip this step and do it later. To do it later, press the **RETURN** button. Your DVD Recorder is now ready to use.

- To set the Owner ID now, press the **Numeric** buttons or **▲▼▶** to enter a four-digit PIN number. Press **◀**, to correct the digit.
- Be sure to remember the PIN number (write it down).
- Press the **ENTER** button twice to confirm.
- Enter the [Name], [House No] and [Postcode] in the same way.
- Press the **ENTER** button to confirm each entry.
- Press the **RETURN** button to leave the Owner ID screen.
- You will now see the TV picture. Your DVD Recorder is now ready to use.

If the clock setting menu appears

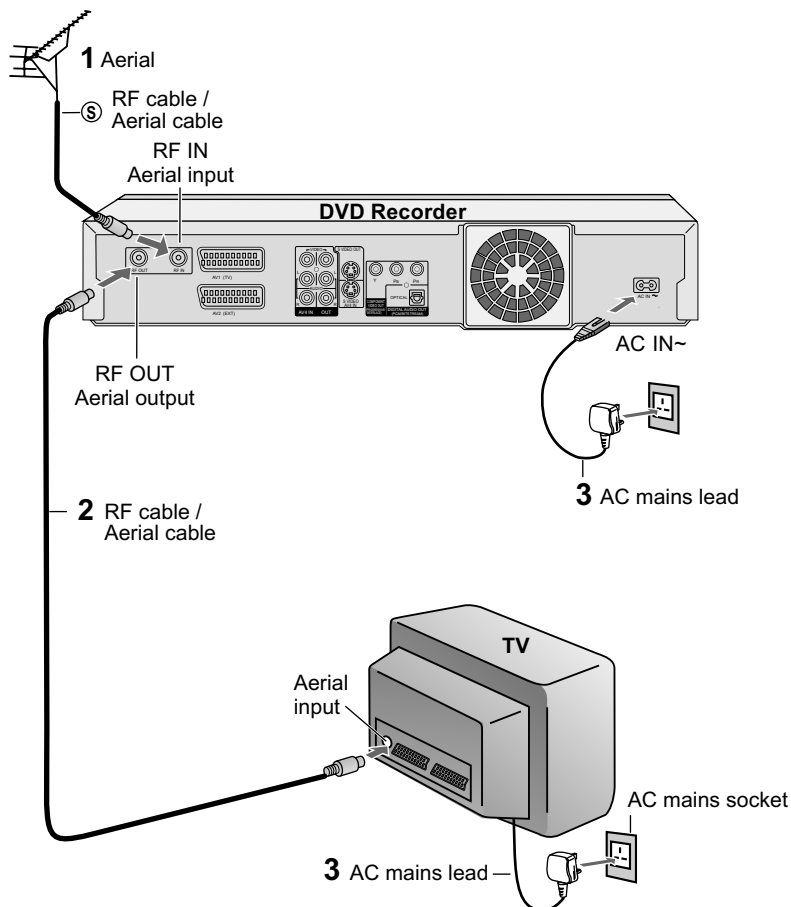
(Auto clock set was not possible due to a weak signal)

- Press **▲▼▶** to set the correct time and date and press **ENTER** to finish this setting.

Mind that a wrong date or time will influence the programmed recording of TV programmes (don't forget to change summer time and winter time).

*If Auto-Setup has previously been completed the DVD Recorder will not start Auto-Setup automatically. In this case you can re-start Auto-Setup again. See page 71 of Operating Instructions. If you want to cancel Auto-Setup before it has finished, press the **RETURN** button. You can restart Auto-Setup again. See page 71 of Operating Instructions.*

Connecting with RF cable (Aerial cable)



Since optimal picture quality cannot be achieved, the connection with the RF cable is not recommended.

You can connect the DVD Recorder to your TV set by using a RF cable (Aerial cable).

Follow the steps below.

Disconnect the power from all units.

- 1 Connect aerial to the RF IN (Aerial input) connector of the DVD Recorder.
- 2 Connect the DVD Recorder's RF OUT (Aerial output) to the TV set's Aerial input connector.
- 3 Connect DVD Recorder and TV set to the AC mains socket.

Follow the steps for Auto-Setup on this page.

Ⓢ = Extra equipment for the connection shown: RF cable (aerial cable)

Auto-Setup with RF cable (Aerial cable) (Automatic tuning)

- Turn on your television set.
- With the **Standby/on switch** turn on the DVD recorder. Automatic tuning for all available TV stations begins. Approximate duration is 5 minutes.
- While Auto-Setup is running, the first digit of the DVD Recorder display will flash. After a while it will stop flashing and the RF output channel number will be displayed.
- Select an unused channel pre-set on your TV and tune it to the RF output channel number shown on the DVD Recorder display (or until you can clearly see the Auto-Setup screen). Store the new DVD playback channel (refer to the instructions for your TV).
- After Automatic tuning has finished, the Owner ID screen will appear.

In some cases, the RF output channel may interfere with the TV stations transmitted in your area. This may prevent you from seeing the On-Screen Display clearly. Please see page 6 for removing the interference before restarting Auto-Setup. See page 71 of Operating Instructions.

Owner ID

You can complete the Owner ID now or skip this step and do it later. To do it later, press the **RETURN** button. Your DVD Recorder is now ready to use.

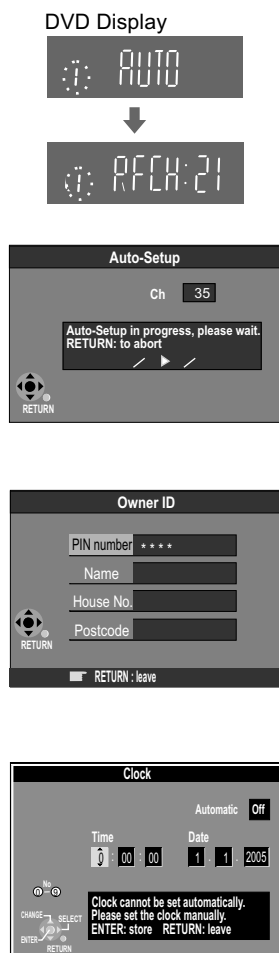
- To set the Owner ID now, press the **Numeric** buttons or **▲▼▶** to enter a four-digit PIN number. Press **◀**, to correct the digit.
- Be sure to remember the PIN number (write it down).
- Press the **ENTER** button twice to confirm.
- Enter the [Name], [House No] and [Postcode] in the same way.
- Press the **ENTER** button to confirm each entry.
- Press the **RETURN** button to leave the Owner ID screen.
- You will now see the TV picture. Your DVD Recorder is now ready to use.

If the clock setting menu appears

(Auto clock set was not possible due to a weak signal)

- Press **▲▼◀▶** to set the correct time and date and press **ENTER** to finish this setting.

Mind that a wrong date or time will influence the programmed recording of TV programmes (don't forget to change summer time and winter time).



Removing interference / Changing RF output channel



TV screen
The picture with interference



On-Screen Display
Test pattern indication



DVD display
Indication when the RF output channel is 21 (example)



Indication after changing the RF output channel to 31 (example)



Test pattern indication



The clear picture

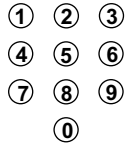
In some cases, interference (lines or patterning) or a very poor picture may appear on the TV when the DVD Recorder is connected. If this happens, follow the steps below to change the video playback channel (RF output channel) to remove the interference.



- Press the **FUNCTIONS** button for more than 5 seconds. The RF output channel number is displayed on the DVD display.



- Press the **Numeric** buttons or use the Channel (**CH**) button to select a channel number, which differs by 2 or 3 from the present channel number. (For example, if the original channel number was 28, enter 31.)



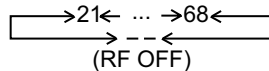
- Retune your TV until you receive the Test pattern. It may be necessary to repeat steps above until you can see the Test pattern clearly. If using a Scart cable please see the note below.



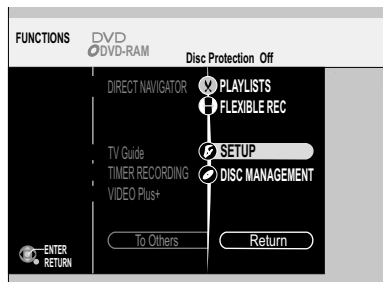
- Press **ENTER** to finish this setting.

Set the RF output channel of the DVD Recorder to [- -] (RF OFF) if the DVD Recorder is connected to the TV via the 21-pin Scart cable.

- Press **FUNCTIONS** for about 5 seconds. The preset channel will be displayed on the DVD display.
- Press channel select buttons **CH** or **0** to invoke [- -].
- Confirm with **ENTER**.



Checking the settings after Auto-Setup



- Press **FUNCTIONS** to display the FUNCTIONS Menu.
- Press **▲** to select [To Others] and then press **ENTER**.
- Press **▼** to select **SETUP** and then press **ENTER**.
- Press **▶** to select Manual and then press **ENTER** to display the list of tuned TV stations and confirm that all available TV stations have been set correctly.

*If station name is [****]:*

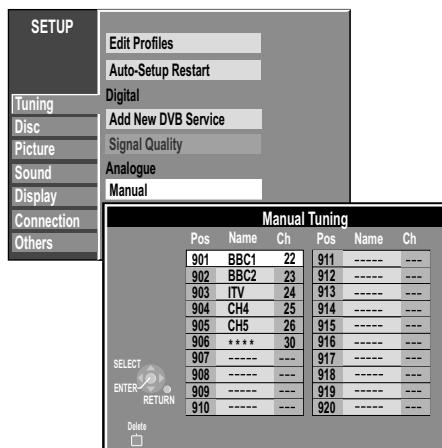
The asterisks indicate that a station was found during Auto-Setup but has not been named (due to a weak signal).

The stations in the list with asterisks will need to be named manually.

If station name is [- - -]:

The dashes represent unused channel positions.

You can set stations manually if desired.



TV reception channels



- Press **RETURN** to exit the On-Screen Display.

When the station names and/or channel numbers have not been set correctly, see page 73 of Operating Instructions for details.

If no stations were found, confirm all connections of the DVD Recorder again and restart the Auto-Setup. See page 71 of Operating Instructions.

- Check and sort your digital channels in the Setup menu under [Edit Profiles]. See page 70 of Operating Instructions for details.