

## Remote control unit preparation

### Battery installation

- 1 Slide off the battery cover.
- 2 Insert the batteries with the polarity ( $\oplus$  and  $\ominus$ ) correctly aligned.
- 3 Replace the battery cover.

### Service life of batteries

- The batteries normally last for about one year although this depends on how often and for what operations the remote control unit is used.
- If the remote control unit fails to work even when it is operated near the recorder, replace the batteries.
- Use size "AA" batteries.

#### Notes:

- Do not use rechargeable (Ni-Cd) batteries.
- Do not mix old and new batteries.
- If the remote control unit is not going to be used for a long time, remove the batteries.

### Remote control operation range

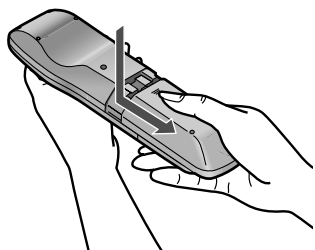
Point the remote control unit from no more than about 23 feet (7m) from the remote control sensor and within about 60° of the front of the recorder.

- The operating distance may vary according to the brightness of the room.

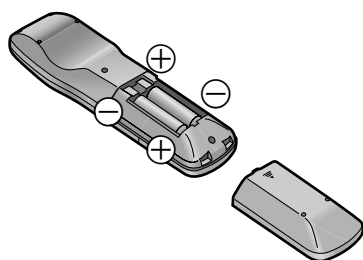
#### Notes:

- Do not point bright lights at the remote control sensor.
- Do not place objects between the remote control unit and the remote control sensor.
- Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.
- Panasonic's DVD recorders and DVD players use virtually the same type of remote control units. If a DVD recorder and a DVD player are located in the same area, it is necessary to change the remote control code. (p. 95-96)

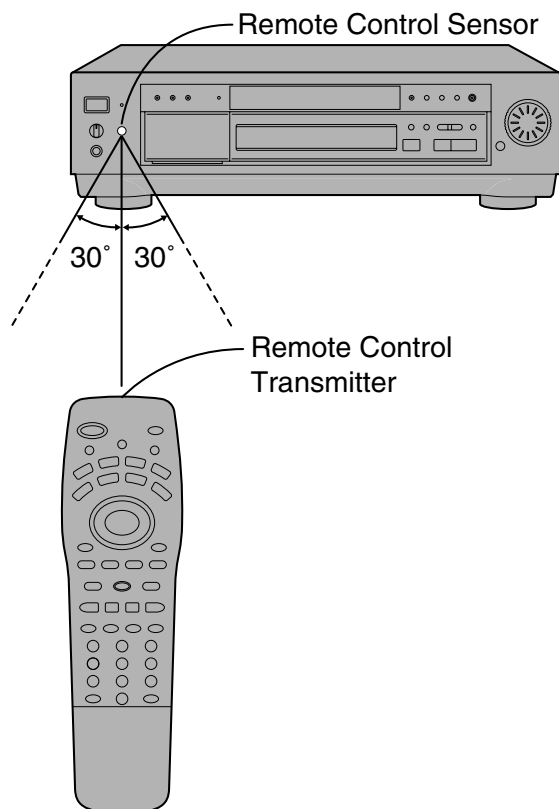
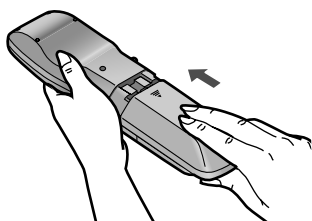
1



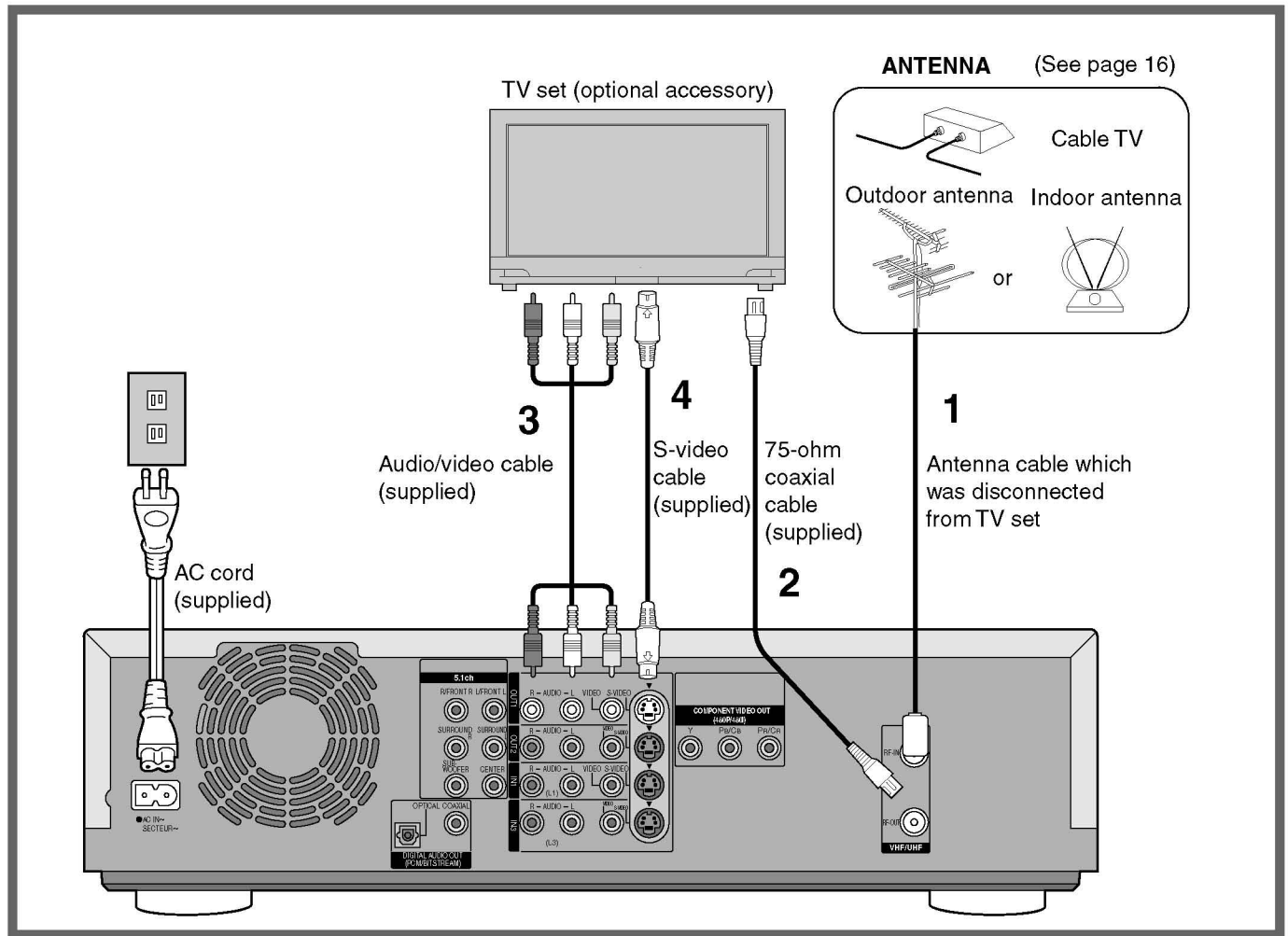
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## Basic connections



- 1** Disconnect antenna or cable from TV and connect to DVD recorder.
- 2** Connect the DVD recorder to TV with RF coaxial cable.
- 3** Connect the DVD recorder to TV with supplied Audio/video cable.
- 4** If your TV is equipped with S-video input, connect the DVD recorder to TV with supplied S-video cable for improved video performance.
  - Audio cables in step 3 above must also be connected when using S-video cable connection.

### Note:

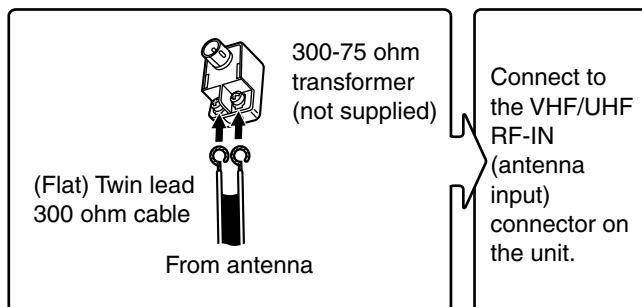
- TV sets that do not have video input (video+audio) connector can not be used with this unit.
- Use the "L" audio out jack for proper sound reproduction when connecting to a monaural TV.

## Basic connections (continued)

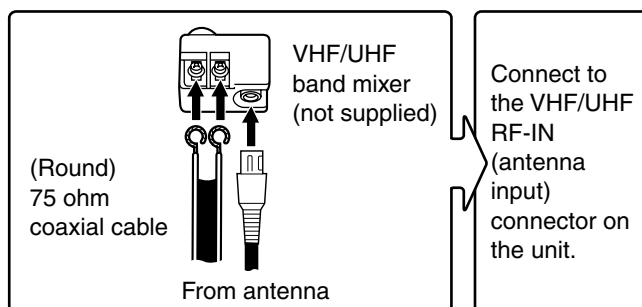
### When the antenna cable needs to be reworked

Check the shape of the antenna cable end, and connect it as shown in the figures below.

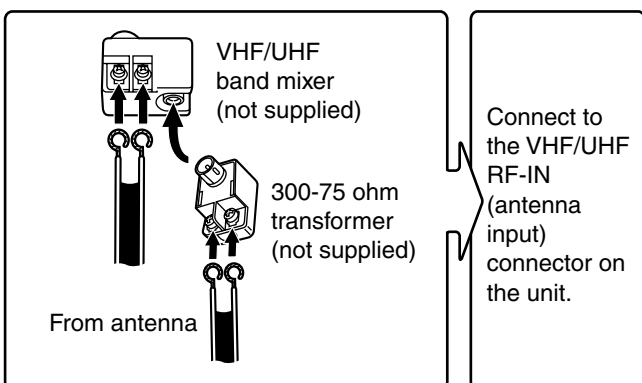
#### ■ Case 1: Twin lead cable only



#### ■ Case 2: Twin lead & coaxial cables



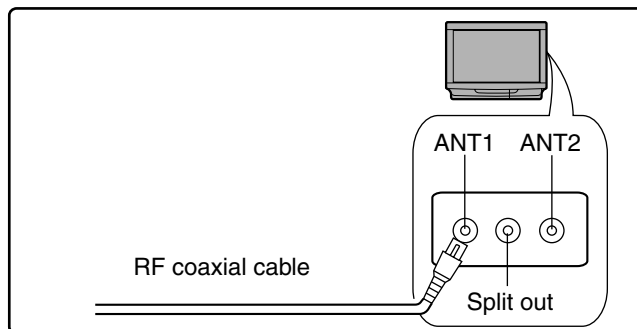
#### ■ Case 3: Two twin lead cables

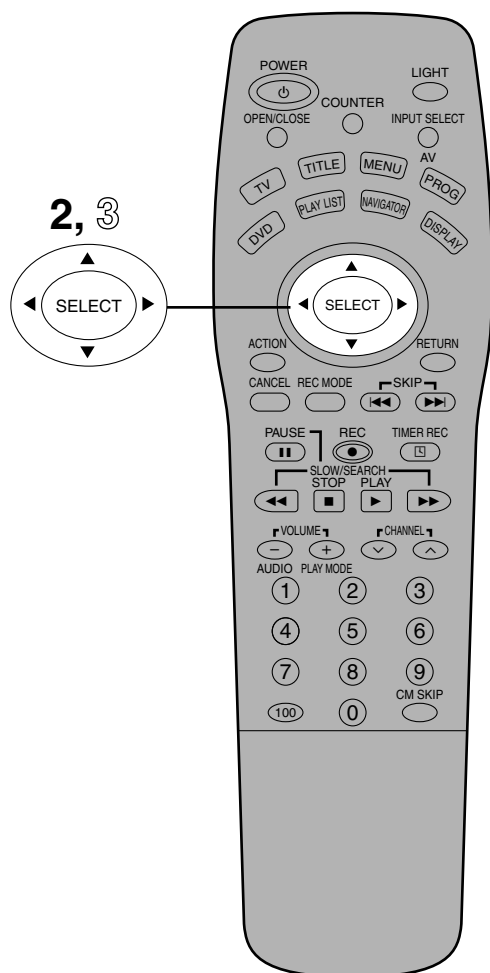
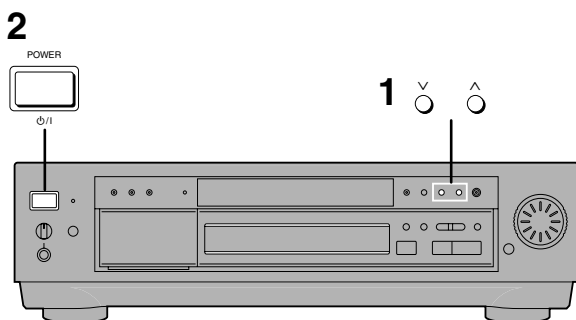


### Connecting the RF Coaxial Cable with the TV

Check the shape of the TV set's VHF/UHF antenna input connectors, and rework the cable as shown in the figures below.

#### ■ Case 1: Complex TV terminal





## Auto Tuning

The DVD Video Recorder is fitted with its own tuner (just like a normal TV) and can be preset to receive TV broadcast stations.

### Auto Tuning

Connect the antenna cable and the AC power cord

- 1 Press [POWER] on the unit.**
  - The Auto Tuning/Clock Setting display appears.

- 2 Press [SELECT].**

Auto Tuning searches for TV stations and memorizes every tuned program channel.

- If you turn the DVD Video Recorder off during Auto Tuning, Auto Tuning will stop halfway.

#### ■ To cancel Auto Tuning Mid-Operation

Press [POWER] or [RETURN] during Auto Tuning. Auto Tuning is cancelled.

#### ■ To restart plug in Auto Tuning

- 1 Press and hold [V] and [^] for 5 seconds with the power on.**

- The DVD-Recorder unit will turn off.
- “0:00” flashes in the clock display.

- 2 Press [POWER] to turn the unit on.**

- 3 Press [SELECT].**
  - Auto Tuning mode commences.

#### ■ Automatic clock adjustment

Clock adjustment is performed automatically upon the completion of auto tuning.

- The “Auto Clock Setting” screen is displayed.

#### ■ If automatic clock adjustment was not possible

If “Auto Clock Setting is incomplete” appears on the screen, set clock manually (refer to page 130).

#### Note:

- The automatic time setting function checks and if necessary adjusts the time every day. Once the clock is adjusted manually, the time will not be checked and adjusted daily.