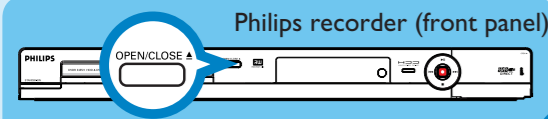
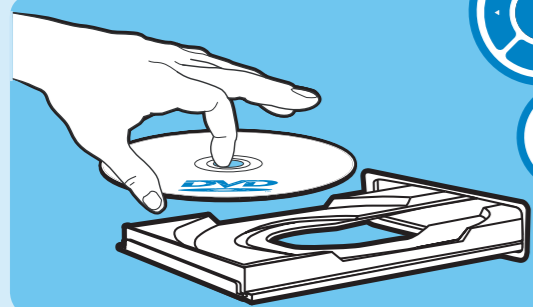


3 Enjoy

Inserting discs



1 Press **OPEN/CLOSE** on the front of the recorder.



- 2 Get a DVD disc and place in the tray with the label facing up.
- 3 Press **OPEN/CLOSE** again to close the tray.

C Record to a DVD recordable disc

- 1 Press **TUNER** to switch to tuner mode.
- 2 Press **CH + / -** to go to the TV program channel you wish to record.
- 3 Insert a recordable DVD disc. Press **DVD REC** to switch to direct record mode and display the information bar.

System State: Stop
Record to Optical Disc As **Standard Play**
Elapsed Time: **00:00:00** Remaining Time: **02:00:00**

Note To record from a connected external device, press **SOURCE** repeatedly OR press **USB/DV** to record from a DV camcorder connected via the DV IN jack on the recorder.

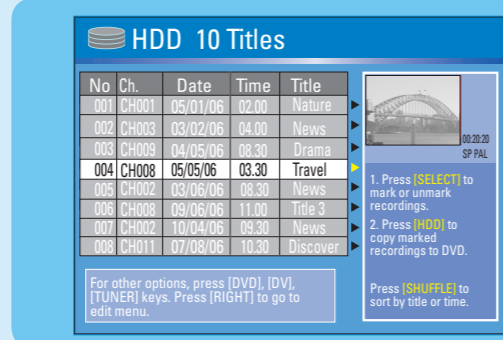
4 Press **SELECT** repeatedly to select the preferred mode of recording quality.

Record Quality	Hours of Recording that can be stored	Types of discs for recording
High Quality HQ	4.7 GB	DVD+RW
Standard Play SP	DVD±R/RW disc	DVD+R
Standard Play Plus SPP	1	DVD-RW
Long Play LP	2	DVD-R
Extended Play EP	2.5	
Super Long Play SLP	3	
Super Extended Play SEP	4	
	6	
	8	

- 5 Press **REC** to start recording.
- 6 To stop the recording, press **STOP** .

Start playback

A Playback from hard disk



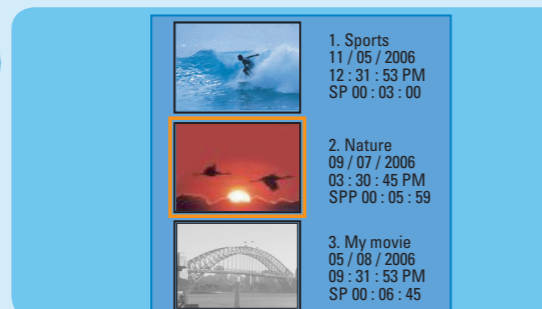
- 1 Press **HDD** to view the titles on the hard disk.
- 2 Use **up** or **down** keys to select the title.
- 3 Highlight the title you want and press **SELECT** to start playback.

Note To access the edit menu, highlight the title and press **right** .

- 4 Press **HDD** to go back to the HDD menu anytime.

B Playback from a disc

- 1 Insert a CD or DVD disc. If the disc menu does not show, press **DVD** to view the list of titles on the disc.



- 2 Use **up** or **down** keys to scroll through the list of options and/or titles.
- 3 Highlight the title you want and press **SELECT** to start playback.
- 4 To stop, press **STOP** .
- 5 Press **DVD** to go back to the disc menu anytime.

For more recording and playback options, see the accompanying User Manual.

3 Enjoy

Copying to a DVD recordable disc

You can copy the contents in your hard disk to a DVD recordable disc.

- 1 Insert a recordable DVD disc.
- 2 Press **HDD** to view the titles on the hard disk.
- 3 Use **up** or **down** keys to select the title.
- 4 Press **SELECT** to mark the titles you wish to copy.
- 5 Once you finish your selection, press **HDD** to start copying to the recordable DVD disc.

Note When copying is in progress, the icon will be shown on the screen.

- 6 During copying, you can continue watching TV programs in tuner mode or select another HDD title for playback.
- 7 Once the copying process completes, the icon will no longer be shown.

Types of discs used on this recorder

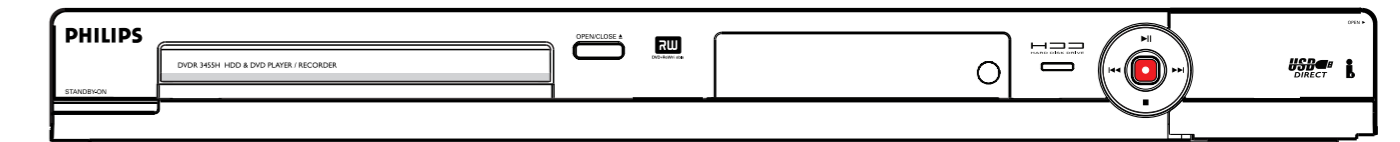
Type	Record	Playback	Edit
DVD+RW	✓	✓	✓
DVD+R	✓	✓	✓
DVD-RW	✓	✓	✓
DVD-R	✓	✓	✓
DVD VIDEO	✗	✓	✗
AUDIO CD	✗	✓	✗
VIDEO CD	✗	✓	✗
DATA CD	✗	✓	✗
DATA CD	✗	✓	✗

Quick Start Guide

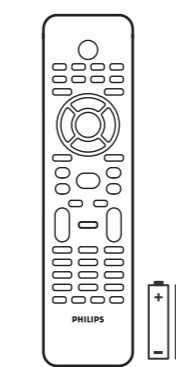


- 1 Connect
- 2 Set up
- 3 Enjoy

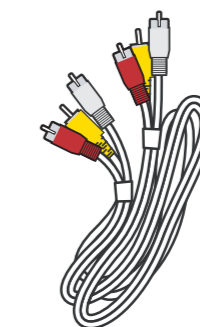
What's in the box?



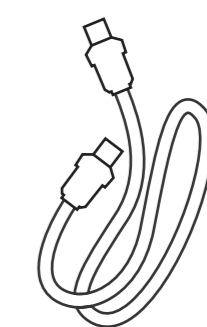
HDD & DVD Player/ Recorder



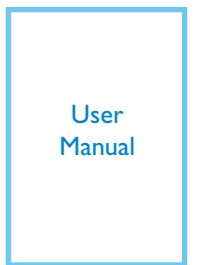
Remote Control and 2 batteries



Audio/Video Cable



RF Coaxial Cable



User Manual

Need help?

Onscreen Help text

Press **DISPLAY** on the remote control for onscreen help text when using your Philips recorder.

User Manual

See the user manual that came with your Philips recorder.

Online

Go to www.philips.com/support.



1 Connect

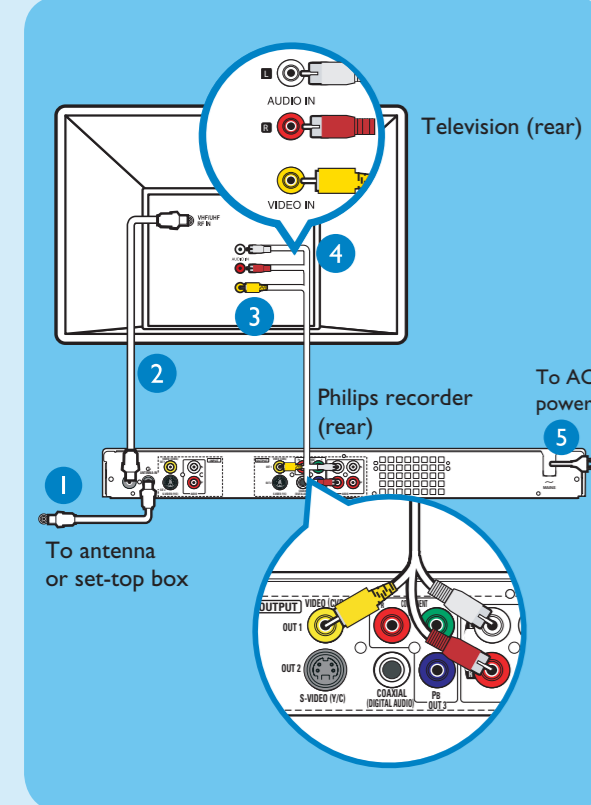
Start with the 'Basic Connection.'
If you have a VCR, follow the instructions for 'Connection with a VCR or similar device'.

Basic Connection

A Before Connecting

Unplug the antenna cable that is currently connected to your TV.

B Connecting



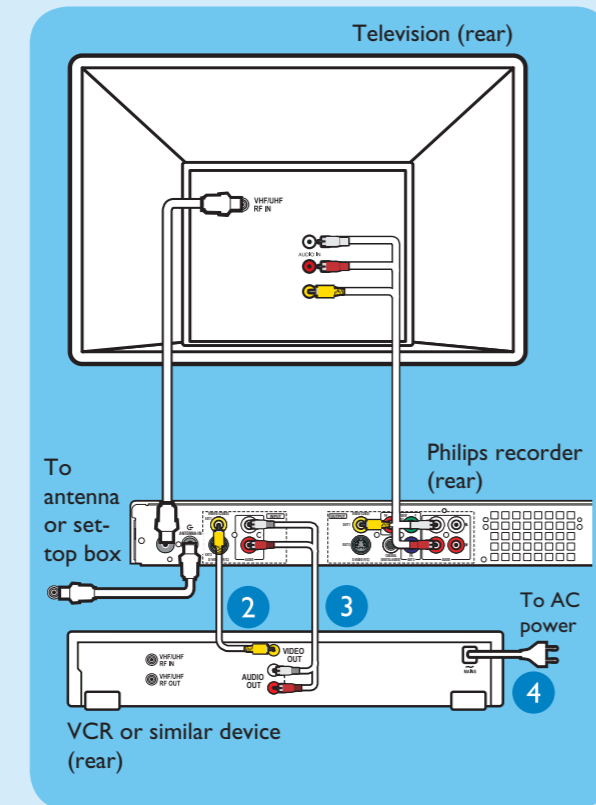
- 1 Connect the antenna cable to the **ANTENNA-IN** jack on the recorder.
- 2 Use the supplied RF coaxial cable to connect the **TV-OUT** jack on this recorder to the Antenna In jack on the TV.
- 3 Use the supplied audio/video cable (yellow plug) to connect the **VIDEO (CVBS) - OUT1** jack on this recorder to the VIDEO IN jack on the TV.
- 4 Use the supplied audio/video cable (red/ white plugs) to connect the **AUDIO L/R OUTPUT** jack on this recorder to the AUDIO IN jacks on the TV.
- 5 Connect the power cable from the recorder to an AC power outlet.

Connection with a VCR or similar device

A Before Connecting

Your new Philips recorder replaces the VCR for your recording needs. First, unplug all the connections from your VCR.

B Connecting



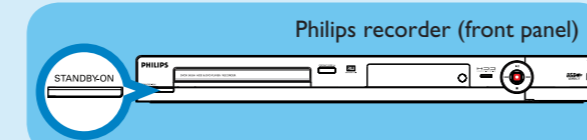
- 1 Follow the steps 1 to 5 of 'Connecting' under 'Basic Connections' to connect the recorder before you proceed to step 2 below.
- 2 Use a yellow video cable (not supplied) to connect the **VIDEO (CVBS) EXT 1** jack on this recorder to the yellow VIDEO OUT jack on the VCR.
- 3 Use another red and white audio cable (not supplied) to connect the **AUDIO L/R INPUT** jacks on this recorder to the red and white AUDIO OUT jacks on the VCR.
- 4 Connect the power cable from your VCR to an AC power outlet.

Note In this setup, the VCR cannot record TV programs.

For additional connection diagrams, see the accompanying User Manual.

2 Set up

A Finding the viewing channel



- 1 Press **STANDBY-ON** on the recorder
- 2 Turn on the TV.

Note If connected to your VCR, make sure it is switched off or in standby mode before proceeding.

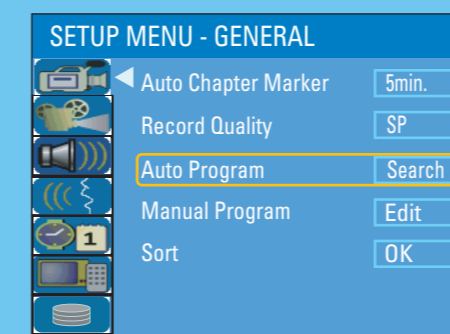
- 3 Press **SETUP**.
- 4 Press '0' on the TV's remote control, then press the Channel Down button repeatedly until you see the { **SETUP MENU - GENERAL** } page. This is the correct viewing channel for the recorder.



Note You may press the AV or SELECT button on the TV's remote control (if available) to select the correct viewing channel. See your TV's user manual.

B Initial Installation

- 1 Press **SETUP** on the remote control.



2 Setup and install TV channels.

- Highlight **Auto Program - Search** and press **right**. Press **down** repeatedly until you highlight { **Auto Program - Search** } and press **OK**.
 - A warning message will appear. Select **OK** and press **OK** to proceed.
 - The automatic TV channel search will start. This process may take several minutes. Once complete, the total number of channels found will appear on the TV.
- Select **CONTINUE** and press **OK** to start automatic TV channel search.

Note If no channels were found, check the antenna connection and start the channel search again.

3 Select the language.

- Highlight **Language** and press **right**.
 - select the System Language
 - select the Audio Language for DVD disc playback.
 - select the Subtitle Language for DVD disc playback.
 - select the Disc Menu Language for DVD disc playback.

4 Set the date and time

- Highlight **Date/Time** and press **right**. Select { **Date (dd/mm/yy)** } or { **Time (hh:mm:ss)** } and press **OK**. Use the **numeric keypad 0 - 9** to input the date/time, then press **OK** to confirm.

- 5 Press **SETUP** to finish the installation.

Your Philips recorder is now ready for use!

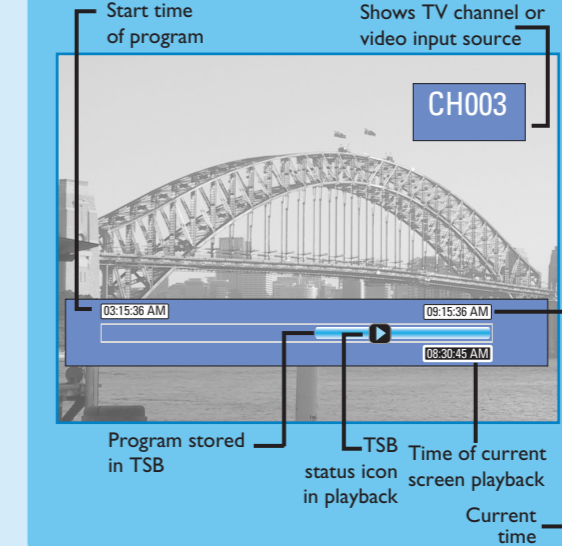
3 Enjoy

About the Time Shift Buffer (TSB)

Once you switch on this recorder, the currently selected TV program will be stored in a temporary storage called the 'Time Shift Buffer' (TSB). The TSB can store up to 6 hours of recordings temporarily.

Press **DISPLAY** once to display the Time Shift video bar.

(The TSB in playback mode)



The contents on the time shift buffer will be erased once you press **CH + / -** or if you switch to another mode: **SOURCE**, **USB/DV**, **DVD REC**.

Pause 'live' TV

At times, you may be interrupted while watching your favourite program. Now you can **PAUSE** it, as if you were in control of the broadcast.

- 1 Press **PAUSE LIVE TV** while watching any live TV program to suspend it.
- 2 Press **PAUSE LIVE TV** to continue.
- 3 To return to live broadcast, press and hold **right**.

To jump forward playback, press **right** once for every 30 seconds.

Instant Replay

While watching a live TV program, you can press **left** to jump back 10 seconds upon every single press for instant replay.

To return to live broadcast, press and hold **right**.

Start Recording

A Before recording to hard disk

You can preset the recording quality for content recorded to the time shift buffer.

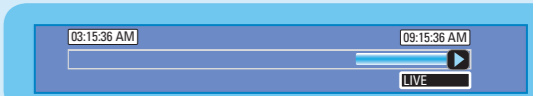
- 1 Press **SETUP** on the remote control.
- 2 Highlight **Record Quality** and press **right**. Press **down** repeatedly until you highlight { **Record Quality** } and press **right**.
- 3 Use **up** / **down** keys to select the preferred mode of recording quality and press **OK** to confirm.

Record Quality	Hours of Recording that can be stored 160GB Hard Disk
HQ High Quality	34
SP Standard Play	68
SPP Standard Play Plus	85
LP Long Play	102
EP Extended Play	136
SLP Super Long Play	200
SEP Super Extended Play	250

Values are estimates only. Parts of the HDD storage will be reserved for the operations of this recorder and time shifting.

B Record to hard disk

- 1 Press **TUNER** to switch to tuner mode.
- 2 Press **CH + / -** to go to the TV program channel you wish to record.
- 3 Press **DISPLAY** to display the time shift video bar.



Note To record from a connected external device, press **SOURCE** repeatedly to cycle through video input sources from:
{ CAM 1 } : VIDEO jack on the front
{ CAM 2 } : S-VIDEO jack on the front
{ EXT 1 } : VIDEO (CVBS) EXT1 jack on the rear
{ EXT 2 } : S-VIDEO (Y/C) EXT2 jack on the rear
or Press **USB/DV** to record from a DV camcorder connected via the DV IN jack on the recorder.

- 4 Press **REC** to start recording.

Note Press **REC** repeatedly to extend 30 minutes increments per single press.

- 5 To stop recording, press **STOP**.