



Institutional Television

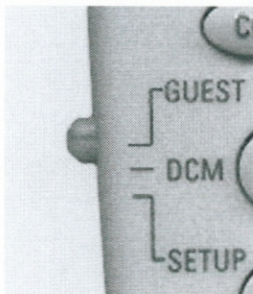
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RC2573GR

New Master Setup Remote

Directions For Use

Guest / Setup Mode Switch

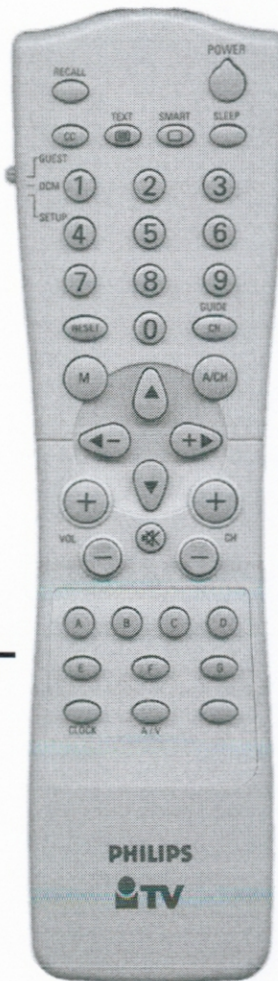
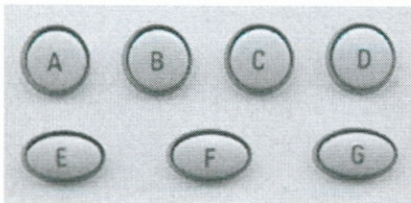


(DCM mode not used)

Guest
Mode

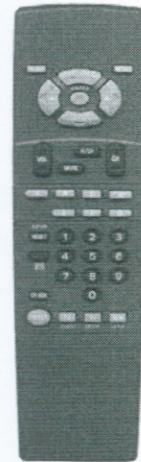
Setup
Mode

Alpha / Soft Keys

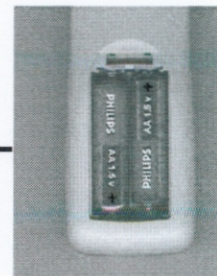


RC2573GR (Green)

REPLACES / FULLY
INTERCHANGEABLE
WITH RG4172BK MASTER
SETUP REMOTE



RG4172BK
(Black)



2-AA Cells Required

Let's make things better.



PHILIPS

3135-xxx-xxxxx

Philips Institutional TV Software

Philips Institutional Televisions can be configured to operate in either "Consumer" or "Commercial" operational modes. The master setup remote is required to identify and set these modes. The master setup remote is also required for using or configuring other iTV products and accessories.

Commercial Mode: Philips Institutional Televisions are typically configured at the Factory to operate in Commercial mode. When the television is in Commercial mode, access to its operation from its front panel controls or from a guest-mode remote can be limited, depending upon the settings of the Institutional TV features. For examples, the unit's front panel controls can be "locked-out" (rendered inoperable), only certain channels can be selected, and/or the volume can be limited to a given range.

Consumer Mode: When in the Consumer mode, the unit operates as a standard TV, bypassing the Institutional Television feature set, thus allowing normal initial power ON, channel selection, and volume control (as well as a variety of selectable Menu features). When the TV is in Consumer mode, Philips RC-5 system 0 (guest-mode) remotes, such as the RC2524BK and the RL9820BK (optional accessories) can access the Consumer-mode Main Menu, and configure the television to the full extent offered in this mode. Guest-mode 21-button remotes such as the RC2524BK use the Menu button to access the Consumer menu. Guest-mode 20-button remotes such as the RL9820BK, which do not have a Menu button, use the Sleep button to access the Consumer menu. Simultaneously pressing the front panel's Volume - and Volume + buttons also invokes the Consumer menu.

Identifying the Operational Mode: To identify the television's operational mode, a system 7 (commercial setup mode) master setup remote (optional accessory, RG4172BK or RC2573GR) must be used. First, place the setup remote in setup mode. To place the the RG4172BK in setup mode, press TV SETUP. **To place the the RC2573GR in setup mode, set the switch to the TV SETUP position.** Then press Recall. Television status information similar, but not necessarily identical to the following will appear on-screen.

STATUS ITEM	STATUS DATA	MEANING
SYSTEM STATUS (LO1ITV-US4PV)		Information title
MODE	COMMERCIAL / CONSUMER	Operational mode
CHANNEL	CHANNEL, INPUT (CHANNEL, INPUT)	Currently-tuned channel / input
DCM	OFF / ON	Data Communications Module offline / online
CODES	209 222 1 33	Internal data for factory / service use.
SIGNAL	TUNED / NOT TUNED	Valid signal present / absent
OP HRS	0031h	Number of cumulative hours unit has been in operation (hexadecimal).
ERRORS	0 0 0 0 0	Internal data for factory / service use.
VERSION	3.3	Television microprocessor software version.

NOTE: THE ACTUAL STATUS SCREEN WILL VARY DEPENDING UPON THE MODEL AND MANUFACTURE DATE OF THE SPECIFIC PHILIPS INSTITUTIONAL TELEVISION.

Changing Operational Modes: To change the television's mode between Consumer and Commercial modes, a system 7 (commercial setup mode) master setup remote must be used. Only a setup remote in setup mode can change the television's mode between Consumer and Commercial, and provide complete access to the television's Institutional Features. The RG4172BK / RC2573GR can be set to operate in either its master setup remote mode, or in guest-mode. With the RG4172BK *in setup mode* (press TV SETUP on the RG4172BK, or set the switch to the TV SETUP position on the RC2573GR), enter the following keystroke sequence: **0 2 4 9 5 Menu**. The RG4172BK / RC2573GR guest mode facilitates testing the desired Institutional / Commercial configuration.

IMPORTANT NOTE: If you change the operational mode, you must power the television off and back on to complete the mode change. Once the television is in consumer mode, do not use the setup remote to activate commercial features. Otherwise, the commercial features will affect consumer operation. It will then be necessary to place the television back into commercial mode, then into consumer mode, and then powered off again to properly place the television back into consumer mode.

Accessing The Philips Institutional Television Menu

Regardless of the operational mode in which the Philips Institutional Television has been placed, its control settings and features can be accessed by placing the RG4172BK / RC2573GR setup remote in setup mode and pressing the M (menu) button. If the television is in Commercial Mode, the Institutional features will be accessible. On the following page, a typical late-model menu is shown. The specific items contained in the menus of your Philips Institutional television will vary depending upon the operational mode and the model and manufacture date of the specific Philips Institutional television.

Using The Setup Remote With Other Philips iTV Products

Your RG4172BK / RC2573GR setup remote is used with and/or required for a variety of other Philips Institutional Television products and accessories, including Philips Institutional Televisions, SmartLoader Clone Boxes (RL9820BK / CLON99BK), and Philips iTV SmartCards (Net1Card, Net3Card, etc.). Later in this guide there are brief summaries describing the use of the RG4172BK / RC2573 with selected accessories. Please consult the documentation for the respective television or accessory products with which the RG4172BK / RC2573GR is to be used.

The following table summarizes the Commercial and Consumer menu items available on a typical late-model Philips Institutional television, and is intended merely to be representative of the types of items and features in the two modes. The column labeled *CONSUMER* indicates the Main Menu items that are available when the television is in Consumer mode, and *Menu* or *Sleep* is pressed on a guest-mode remote (or RG4172BK/RC2573GR master setup remote in guest mode). The column labeled *COMMERCIAL* indicates the Setup Menu items available with the RG4172BK / RC2573GR master setup remote whenever the setup remote is in setup mode.

NOTE: The specific items contained in the menus of your Philips Institutional television will vary depending upon the operational mode and the model and manufacture date of the specific Philips Institutional television.

MENU ITEM	SETTINGS / OPTIONS	COMMERCIAL	CONSUMER
(MENU TITLE)	SETUP MENU / MAIN MENU	SETUP MENU	MAIN MENU
LANGUAGE	ENGLISH/ESPAÑOL/FRANÇAIS	x	x
CHANNEL INSTALL	>	x	x
CABLE TUNING	ON/OFF	x	x
BRIGHTNESS	--- --- 31	x	x
COLOR	--- --- 31	x	x
CONTRAST	--- --- 31	x	x
SHARPNESS	--- --- 31	x	x
TINT	--- --- 0	x	x
NOISE REDUCTION	ON/OFF	x	x
SOUND MODE	MONO / STEREO	x	x
SAP	OFF / NO SAP / ON	x	x
AUDIO OUT	FIXED / VARIABLE	x	x
BALANCE	--- --- 0	x	x
TREBLE	--- --- 31	x	x
BASS	--- --- 31	x	x
INCRED STEREO	ON / OFF	x	x
AVL	ON / OFF	x	
VOLUME BAR	ON / OFF	x	
MIN VOLUME	----- 0	x	
MAX VOLUME	----- 63	x	
SWITCH ON VOLUME	--- --- 31 / STANDARD	x	
SWITCH ON CHANNEL	Ch. 1-125 / FRONT / AUX / S-VIDEO / CVI / STANDARD	x	
POWER ON	STANDARD / FORCED	x	
CHANNEL DISPLAY	NUMBER / LABEL / ALL / NONE	x	
KEYBOARD LOCK	ON / OFF	x	x
ESP	1-99 / OFF	x	x
AUDIO/VIDEO MUTE	OFF / BLACK / BLUE	x	
EXT AUD / VID OUT	ON / OFF	x	
WELCOME MESSAGE	>	x	x
CHANNEL GUIDE	POWER ON/OFF/ON	x	
REMINDER	ON / OFF	x	
3 DIGIT ENTRY	ON / OFF	x	x
A/CH A/V SWITCH	ON / OFF	x	
CC	OFF/CC-1/CC-2/CC ON MUTE	x	
SAVE CC	ON / OFF	x	
V-CHIP MENU ITEM	ON / OFF	x	x
SAVE V-CHIP	ON / OFF	x	x
V-CHIP SETUP	>	x	
SLEEPTIMER	OFF/15/30/45/60/90/120/180/240	x	x
SECURITY	STANDARD/HIGH	x	
EXIT	>	x	x

USING THE SETUP REMOTE RG4172BK / RC2573GR WITH THE CLON99BK SMARTLOADER

When the CLON99BK first establishes communication with the Philips iTV, an on-screen prompt instructs the user to PRESS POWER. **THE MENU THAT WILL THEN APPEAR DEPENDS UPON WHETHER THE POWER COMMAND IS SYSTEM 0 (GUEST MODE) OR SYSTEM 7 (SETUP MODE). ONLY THE RG4172BK / RC2573GR SETUP REMOTES CAN ISSUE SYSTEM 7 SETUP-MODE POWER COMMANDS.**

A setup-mode power command invokes the six-item CLON99BK SmartLoader menu (see below, left) that includes menu items to download (read) television settings into the SmartLoader, erase the SmartLoader memory, and perform a system test.

A guest-mode remote POWER command or television front panel POWER command invokes an abbreviated menu (see below, right) from which you can only upload (write) the settings currently stored in the SmartLoader to the television. This is intended to simplify uploading settings to a large number of televisions, requiring only the guest-room remote, or no remote at all (assuming the front panel has not been locked out).

NOTE: The settings stored in the SmartLoader must match the memory type of the television to which you wish to upload.

Please consult the CLON99BK Instructions For Use (3135 015 14061) for more information.

Six-Item SmartLoader Menu
(Requires Setup Remote)
Press POWER; Setup Remote In Setup Mode

PHILIPS SMARTLOADER 99
SYSTEM VERSION D.0
1 - READ TV
2 - WRITE TV WITH SETTINGS
3 - WRITE TV WITHOUT SETTINGS
4 - ERASE SMARTLOADER MEMORY
5 - SYSTEM TEST
6 - EXIT SMARTLOADER

STORED MEMORY TYPE 01, 04

Write-Only SmartLoader Menu
(Press POWER On Front Panel, Guest Remote
or Setup Remote In Guest Mode)

PHILIPS SMARTLOADER 99
SYSTEM VERSION D.0
PRESS CH/UP TO WRITE TV
PRESS POWER TO EXIT SYSTEM
STORED MEMORY TYPE 01, 04

USING THE SETUP REMOTE RG4172BK / RC2573GR WITH THE NET1CARD

The alpha / soft keys on the RG4172BK / RC2573GR setup remote are required during the setup of the Philips iTV Net1Card. **The functions of the alpha keys are not affected by the setup remote's mode.** The A key is used to configure the Net1Card's control mode (Receive, Transmit, Factory, or Computer). The commercial settings menu appears when the A key is pressed. If the Net1Card is configured as a receiver, then when the D key is pressed, the Receiver Control menu appears, allowing the card's ID number and stand-alone groups to be configured. If the Net1Card is configured as a transmitter, then when the D key is pressed, the Transmitter Control menu appears, from which stand-alone commands can be sent to the Net1 client televisions.

Please consult the Net1Card instruction booklet (IB7975E002) for additional information.

"A" Key Net1Card Menu

COMMERCIAL SETTINGS		
MODE	COMMERCIAL	
CONTROL MODE	RECEIVE	
FRONT KEYPAD	ON	
CA	COMMERCIAL SETTINGS	
EX	MODE	COMMERCIAL
	CONTROL MODE	TRANSMIT
	FRONT KEYPAD	ON
CA	COMMERCIAL SETTINGS	
EX	MODE	COMMERCIAL
	CONTROL MODE	FACTORY
	FRONT KEYPAD	ON
	CABLE	YES
	EXIT MENU	
PRESS +/- TO CHANGE		

"D" Key Net1Card Menus

RECEIVER CONTROL	
RCVR GROUP IDS 1 - 4 - - 8	
RCVR SET ID	0
EXIT MENU	
DIGITS TOGGLE GROUP IDS	

TRANSMITTER CONTROL		
ADDRESS TYPE	BROADCAST	
BROADCAST	ALL SETS	
RCVR POWER	CURRENT	
RCVR VOLU	TRANSMITTER CONTROL	
RCVR CHAN	ADDRESS TYPE	GROUP
RCVR LOCK	GROUP IDS	-----
UPDATE RC	RCVR POWER	
EXIT MENU	RCVR VOLUME	
PRESS	RCVR CHANNEL	
	RCVR LOCKOUT	
	UPDATE RCVR	
TRANSMITTER CONTROL		
ADDRESS TYPE		SET
SET ID		0
RCVR POWER		CURRENT
RCVR VOLUME		CURRENT

Optional Remote Controls

The following remote controls are applicable to Philips Business Display Solutions TV products. These can be used for setup and configuration purposes.

RC2888/01

Guest Mode Remote Control (optional)

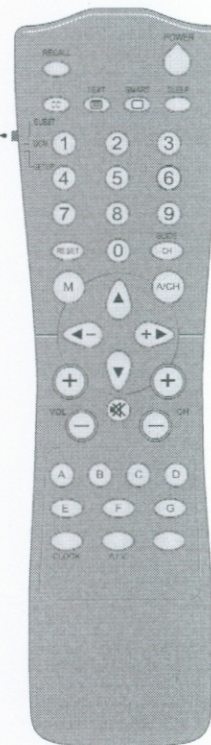


RC2573GR is an optional remote control for Institutional TV / Business Display Solutions features and Smart Card settings. It can be purchased separately.

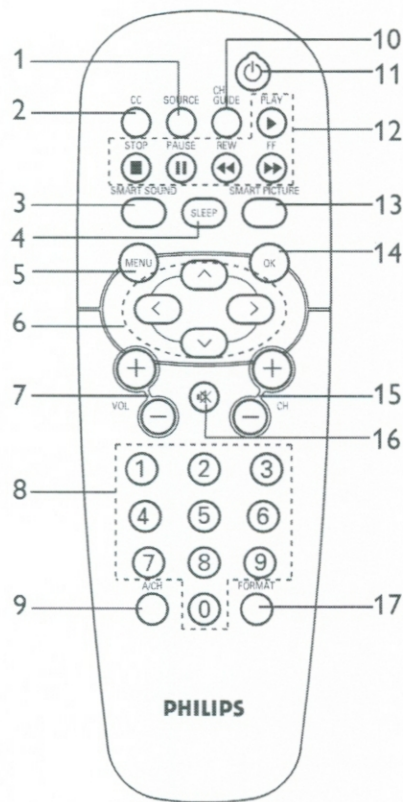
Slide this button up to enter into **Guest mode**.

or

Slide this button down to enter into **Setup mode**.



Guest Remote Control Keys

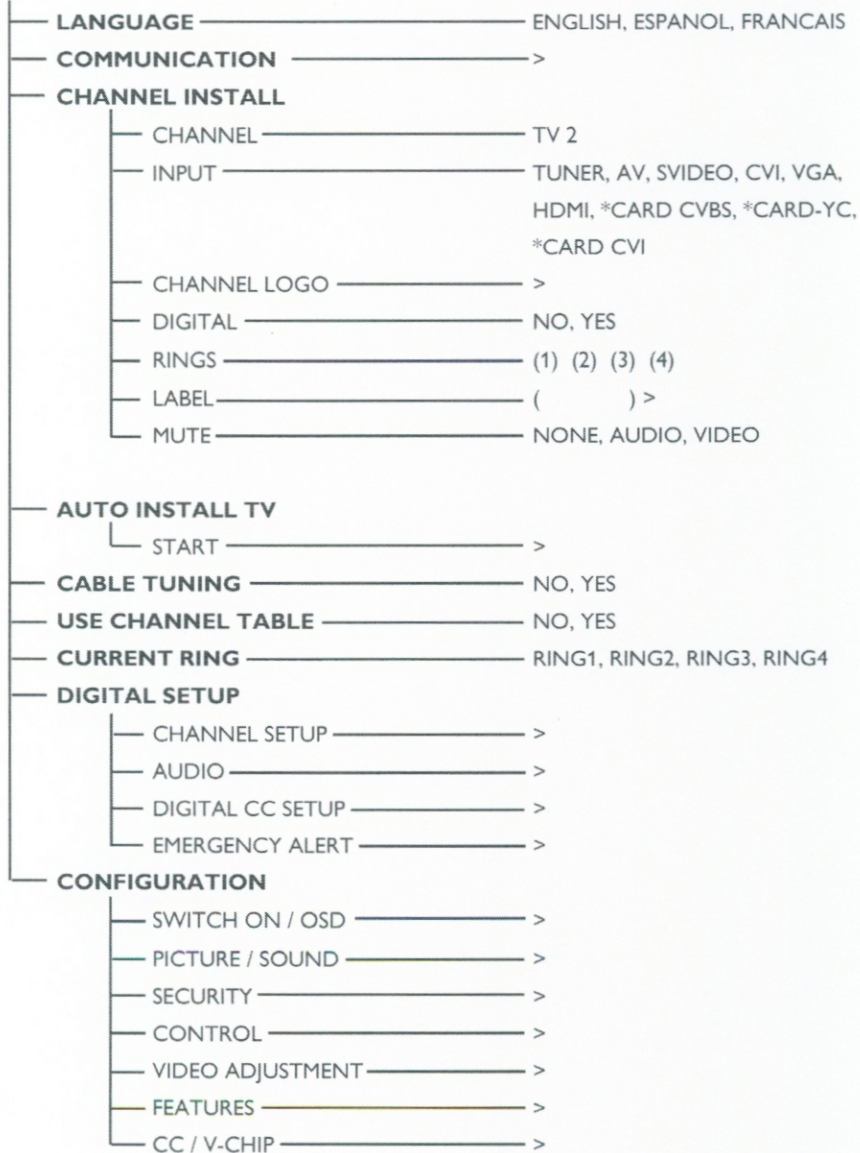


1. **Source Select**
To toggle between available video sources.
2. **Closed Caption**
To activate the Closed Caption function.
3. **Smart Sound**
To select the predefined sound settings.
4. **Sleep**
To activate the sleep timer. Press the button repeatedly to increase countdown time.

5. **Menu**
To call up or exit the menus.
6. **Navigation cursors**
To navigate through the menus/submenus.
7. **Volume + / -**
To adjust the TV volume.
8. **0 to 9 Digit keys**
To select a TV channel. For a two digit number, enter the second digit before the dash disappears.
9. **Alternate Channel**
To toggle between the alternate channels
10. **Channel Guide**
To activate the channel guide function.
11. **Standby**
Power the TV off or on.
12. **DVD keys** (if applicable)
 - ▶ To start DVD playback.
 - To pause DVD playback.
 - ⏮ To fast forward DVD playback
 - ⏭ To fast forward DVD playback.
13. **Smart Sound**
To select predefined sound settings.
14. **OK**
To confirm a selection.
15. **Channel + / -**
To select channels.
16. **Mute**
To turn off or on sound.
17. **Format**
To select TV screen formats.

Overview of TV Setup Main Menu / Sub-Menus

SETUP



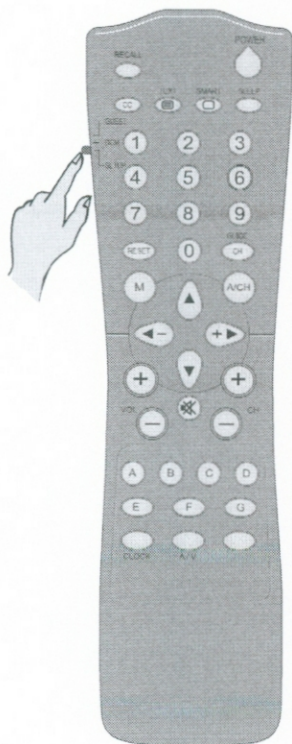
* **CARD CVBS, CARD-YC, CARD CVI** are available on certain models only.

Accessing the Setup Menu

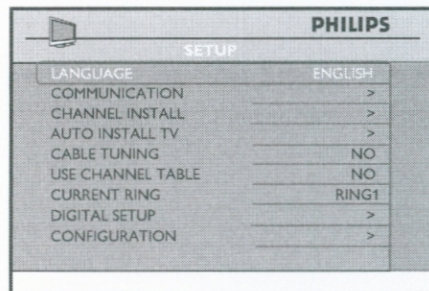
The following remote control commands are applicable to Philips Business Display Solutions TV products. These can be used for setup and configuration purposes.

ACCESSING TV SETUP MENU USING THE REMOTE CONTROL (RC2573GR)

1. Slide the button to the **Setup** location.



2. Press the **(M)** button on the remote control to activate the TV Setup Menu.



To scroll through the menu :

- Press the **(^)** or **(v)** button on the remote control. A highlight indicates that the respective menu item's setting is selected for modification.
- Press the **(>)** to modify the setting of the selected menu item.
- To exit menu, press the **(M)** button on the remote control.