



Full HD 1080P Advanced Digital HDTV Tuner Receiver Box

OPERATION GUIDE

MODEL : PHD-208

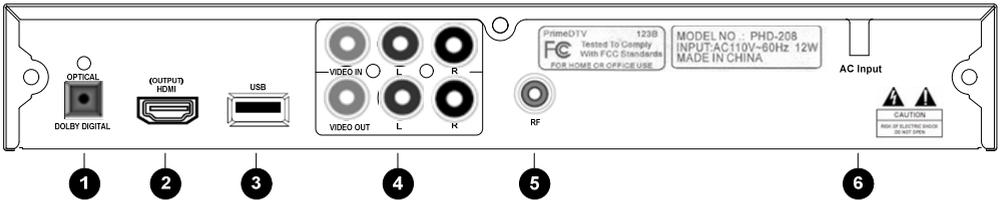


Front View



- **MENU:** Display On-screen (OSD) Main Menu.
- **ENTER:** Select the item highlighted on OSD menus.
- **CH+:** Move TV channel number up.
- **CH-:** Move TV channel number down.

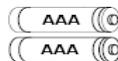
Back View



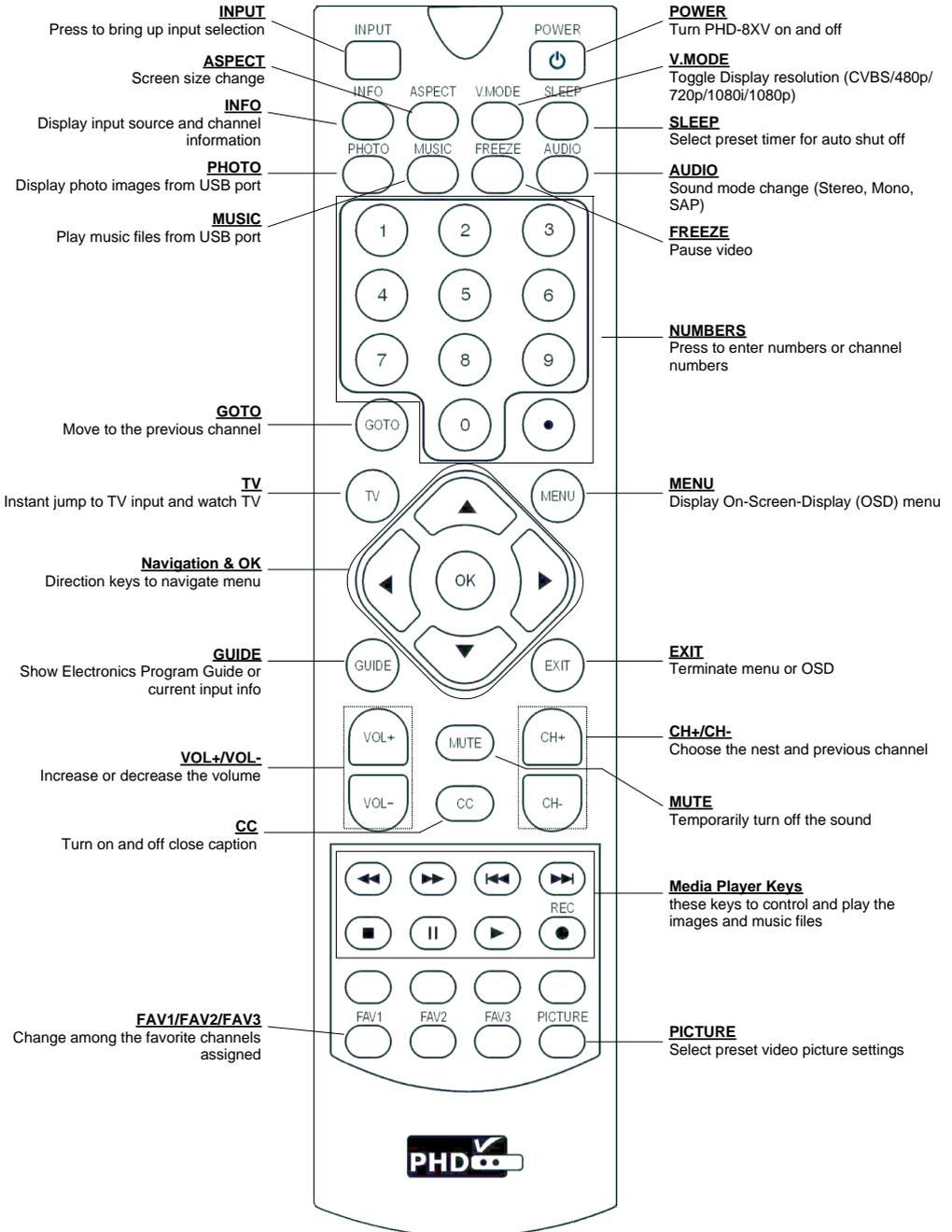
- (1) OPTICAL (Digital audio out):** Connect to digital (optical) audio equipment.
- (2) HDMI PUT (480P/720P/1080i/1080P):** HDMI output providing a high quality interface for digital video.
- (3) USB:** Use for playing photo and music files as well as for firmware update.
- (4) COMPOSITE VIDEO IN (480i):** Connect Video and Audio to PHD-208 input.
COMPOSITE VIDEO OUT (480i): Connect to a TV with composite (VIDEO) input.
- (5) RF IN:** Over-the-air Antenna or cable signal connecting to this jack.
- (6) AC Power Cord:** Plug into the power source.

CONTENT

- (1) PHD-208 unit.
- (2) Remote Control
- (3) HDMI Cable
- (4) AAA Batteries
- (5) Operation Guide



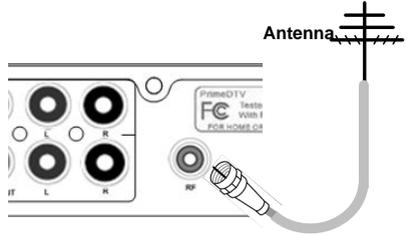
Remote Control



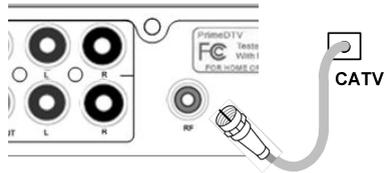
Connections and Setup

Connect Antenna or Cable Signal

1. Connect an outdoor or indoor Antenna directly to this jack with a coaxial RF cable. This is to receive TV signals from TV broadcasters.
2. Connect to Cable signal source using a coaxial RF cable.

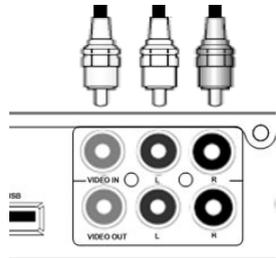


- The PHD-208 Digital HDTV Tuner function can receive cable DTV signal in the event that a local cable provider is passing 8VSB through their system. This 8VSB signal cannot be encrypted by Cable Company. And we call it **Clear QAM** signal from cable.



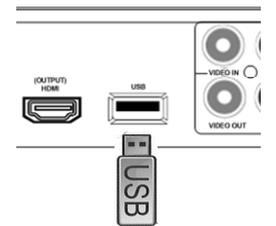
Connect Composite Video Input

PHD-208 has one Composite video (CVBS) input audio (R-L) inputs, which allow connecting up to any 480i/ Analog video external devices such like VCR, DVD players.



Connect USB input for Media files

PHD-208 has USB input port, which can auto detect any photo and music files attached to this USB port. When connecting USB flash stick, USB external storage device or camera, PHD-208 will automatically detect USB device present and recognize if these are photo or music files.



- PHD-208 USB port currently can support Windows OS file system, FAT and FAT32 formats.

Connect to High-end HDTV or HDTV Monitor

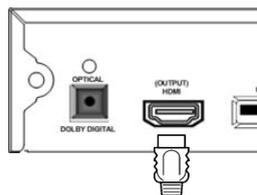
PHD-208 has capacity to scale and enhance all input video/audio signals up to 1080p resolution and digital audio in order to support high-end HD display. Simply connect PHD-208 to HDTV by using HDMI cable. Output



resolution can be adjusted among 480p/720p/1080i/1080p when using this HDMI connection.



- Use remote control **V.MODE** button to toggle to proper resolution for correct video format output.
- PHD-208 doesn't connect HDMI and Composite video output in the same time.
- When press **V.MODE** button to CVBS (480i) resolution, Composite video output port will be activated and HDMI output port will be disabled upon toggling resolution back to 480p or above.

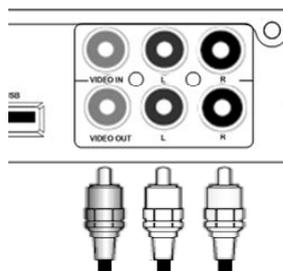


Connect to Conventional Analog TV

Connect video cable from VIDEO output of PHD-208 to the TV video (CVBS) input. Connect audio cable from L-AUDIO-R output port to the TV stereo (L/R) audio inputs.



- Connecting conventional video signal to analog TV, you need to use **V.MODE** button on remote control to switch to CVBS output, which indicated on PHD-208 front panel readout display.



Connect to Home Theater

The optical digital audio output provides the highest quality audio. You can connect it to your home theater. Connect an optical cable (not include) to the back of the PHD-208 unit using the connector marked DOLBY DIGITAL OUT. Connect the other end of this cable to the optical input on the back of your Home Theater.

Initial Settings

After connecting your PHD-208, you need to run initial setup, which automatically sets up available channels if RF signal connected. The initial setup appears when you turn on your PHD-208 for the first time.

1. Plug the Power Cable into AC In on the back of the TV.
2. Press **Power** button on the Remote Control or Front Panel of PHD-208.
3. Press the **▼** or **▲** button to select language, then press **OK** button.

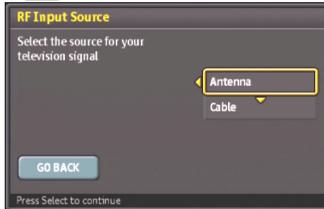


4. Press the ▼ or ▲ button to select Time Zone, then press OK button.



5. Press the ▼ or ▲ button to select Daylight Saving, then press OK button.

6. Press the ▼ or ▲ button to select television signal, then press OK button.



7. Press the OK button to finish the Channel scan.

8. Change Channel by pushing CH+/CH- button or number keys on the Remote Control.



- The channel number is shown up in the top-left corner of the screen.
- Check the Antenna and Power Cord Connection if there is no channel program display.



Operation

Turning on or off PHD-208 tuner

Turning on the power

1. Press the **POWER** switch on the front panel or press the **POWER** button on the remote control to start initial unit booting up.

Power indicator

ON	Lighting(Blue)
OFF/Standby	Lighting(Red)

Turning off the power

1. Press the **POWER** switch on the front panel or **POWER** on the remote control again.

Changing the channels

You can change channels in several ways.

Method 1

Press **CH+/CH-** button on the remote control or from the front panel to change the channels.

Method 2

Using remote control buttons **0-9**, and **(DOT)** to select a channel program.

e.g., for analog channel 8:

Press **8** → **OK** or Press **8** → **.** → **0** → **OK**

e.g., for digital channel 15.1:

Press **1** → **5** → **.** → **1** → **OK**

Method 3

1. Press **GOTO** on remote control to switch to the previously tuned channel.
2. Press **GOTO** again to switch back to the currently tuned channel.



- **GOTO** will not work if no channel has been changed after the PHD-208 is turned on.

Adjust Volume

You can adjust the volume on the remote control.

To increase the volume, press **VOL+**.

To decrease the volume, press **VOL-**.

Using MUTE

Mutes the current sound output.

1. Press **MUTE** button on the remote control.
2. "MUTE" will be displayed on the screen, and sound is silenced.
3. Press **MUTE** button again, and sound is output.

Seeing the Closed Caption

Closed Caption feature is to display On Screen Text Messages during watching TV. You can select on, or off.



1. Press **CC** button on the remote control.
2. Press **▲/▼** button to highlight the item from “Off”, “On” or “On When Muted”.
3. Press **OK** to select an option.
4. Then Closed Caption is display or closed.

Displaying the channel information

Press **INFO** button on the remote control to display the current channel information on the screen. Channel information includes

- Date and clock;
- Channel number;
- Channel label (if preset by OSD menu)
- Broadcast program name (TV call letter)
- Program name

Displaying the Guide

Show program information for the current channel. Press **GUIDE** button on the remote control once, the information will appear similar like **INFO** button.

- Date and clock;
- Channel number;
- Channel label (if preset by OSD menu)
- Broadcast program name (TV call letter)
- Program name

Switching A/V inputs

Before switching, make sure you have connected the external devices to either RF input, Composite video/audio, or USB flash for media playing.

1. Press **INPUT** button on remote control. INPUT menu shows up on left side of screen. Keep pressing **INPUT** button will force PHD-208 instantly switch to the desired A/V input.
2. Or press **INPUT** button and **▲/▼** button to quickly highlight the item. Press **OK** button to jump to highlighted input selection.
3. If current selected input has no video present, the screen is black and top corner will show “No signal” to indicate no video. If PHD-208 detects video, the screen will display video and show current input port name.

