

# 2008 PVR Remote Functionality Guide V1.1

1. LED Indications	1
2. Basic Colour Button Functionality	1
3. Shift Functionality	1
4. Programming	2
4.1. Programming a Device onto your Remote Control	2
4.1.1. Method 1 (Brand Set)	2
4.1.2. Method 2 (Direct Set)	2
4.1.3. Method 3a (Exhaustive Search - Basic)	2
4.1.4. Method 3b (Exhaustive Search – Advanced)	3
4.1.5. Method 4 (IR Learning)	3
4.2. Code Verification	4
4.3. Volume Relay	4
4.4. Macros	5
5. Resets	5
6. Brand Set Code List	6

## 1. LED Indications

There are two light indication points on the remote. The one is under the SHIFT key and blinks Green only. It is used to indicate that SHIFT is active, or that Volume is being Relayed. The other is under the mode indication window (above the dial) and can blink Green, Amber and Red:

**GREEN** indicates normal operation.

**AMBER** indicates programming mode or code search.

**RED** indicates an error, end of database or memory full – any action is terminated and the remote reverts to normal operation.

## 2. Basic Colour Button Functionality

**RED** – Play list; **BLUE** – Bookmark; **WHITE** – Slow Motion; **YELLOW** – Status Bar; **GREEN** – Menu

## 3. SHIFT Functionality

The remote uses what is referred to as a “sticky” SHIFT. This means that the button is pressed and released to activate SHIFT.

The button must NOT to be kept down for SHIFT functionality like on a PC keyboard – in that regard it can be regarded as a SHIFT–Lock that disengages after the first button is pressed.

The light underneath SHIFT will then blink to indicate that it is active and while this button is blinking, any button pressed will automatically be “SHIFT’ed”. After the button was pressed, the SHIFT will automatically disengage. In other words, the SHIFT works for only one button at a time.

The blinking will stop and the “SHIFT” will disappear after 20 seconds (if no other button is pressed)

## 4. Programming

**Note:** Failure to press a key within 20 seconds during programming will cause the remote to time-out and resume normal operations.

### 4.1 Programming a device onto your remote control

You can only use the modes **A, B, C, or D** for this function.

It is suggested that you start with method 1 and work your way through to the other methods only if needed.

#### **Method 1: Brand Set:**

*Brand set is a targeted search through the models of a specific brand and device type (E.g. Sony TVs). It groups all the codes together and saves you having to look up different codes and then typing them each in - one at a time.*

***Note:** This is only available for the most popular brands. If your brand is not listed here, you will have to use one of the other methods (as explained below) to get a code for your device.*

**Step 1:** Find the **5 digit code** for the brand of your device (e.g. LG, Sony etc.) from the attached list.

**Step 2:** Turn the remote to the mode from which you want to control your device (A, B, C, or D).

**Step 3:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 4:** Press the **GREEN** button.

**Step 5:** Enter **5 Digit Brand Code**.

**Step 6:** Search the codes by pressing the "**Right**" arrow. The suitable code will be indicated by the device switching off.

**Optional:** *Test if the code works properly by checking if the **Standby, Volume, Mute, etc.** work properly. (Note - the last button pressed will be the function tested when the search is resumed)*

**Step 7:** Press **HELP** to accept the code.

***Note:** If the device is not properly functional, try the process again to see if a better suited code is not available further on the database. The search always starts from the currently stored code onwards.*

#### **Method 2: Direct Set**

*This method allows you to enter the code for your device directly from the list as can be found at:*

<http://www.dstv.com/main.aspx?ID=11755>

*This page shows the Brand set codes, but has a link for downloaded the whole code list.*

**Step 1:** Find the **5 digit code** for the brand of your device (e.g. LG, Sony etc.)

**Step 2:** Turn the remote to the mode from which you want to control your device (A, B, C, or D).

**Step 3:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 4:** Enter the **5 Digit Code**.

#### **Method 3a: Exhaustive search (basic, manual)**

*This method steps through all the available codes allowing you to find a code that controls your device. Many brands have similar remote control command sets and if you have not been able to find a code that works with the previous two methods, this is likely to provide you with a code that works at least partially.*

**Step 1:** Turn the remote to the mode from which you want to control your device (A, B, C, or D).

**Step 2:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Enter **991**.

**Step 4:** Choose the device type:

- Press **TV** (for a TV),
- Press **ALT** (for an AMP, TUNER, or HOME THEATRE);
- Press **LANGUAGE** (for a DVD).

**Step 5:** Search through the codes by pressing Up arrow until the device switches on/ off.

**Step 6:** Press **HELP** to accept the last code and end programming.

*Note1: If the device is not properly functional, try the process again to see if a better suited code is not available further on in the database*

*Note2: The search always starts from the currently stored code onwards*

*Note3: The **RED** LED will blink 5 times when all codes have been tried*

### **Method 3b: Exhaustive search (Advanced, automatic)**

*This is just the advanced version of the manual method. The difference is that you can change the function being tested to find a suitable code set for your device and the remote can step through the codes by itself without you having to press arrow buttons all the time.*

**Step 1:** Turn the remote to the mode from which you want to control your device (A, B, C, or D).

**Step 2:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Enter **991**.

**Step 4:** Choose the device type:

- Press **TV** (for a TV),
- Press **ALT** (for an AMP, TUNER, or HOME THEATRE);
- Press **LANGUAGE** (for a DVD).

**Optional:** Choose the function that will be used for finding the device (If this step is left out, standby will be used)

**Step 5:** Start the search by pressing the **GREEN** button. The remote will automatically step through the codes. (Note that if the remote gives a RED blink during this time, it just means that the specific code set being tested does not have the command being used to find the device)

**Step 6:** Watch the device closely. When it reacts correctly to the command being tested (the default is switching on or off) a possible code has been found.

**Step 7:** Use the down and up arrow buttons to step up or down through the last tested codes to make sure that you are on the code set that activated the device. (The remote will stop stepping through codes the moment a remote button on the remote is pressed)

**Optional:** Test if the code by checking if **Volume, Mute, etc.** works properly. (Note - the last button pressed will be the function tested when the search is resumed) To resume the search, press the **GREEN** button.

**Step 8:** Press **HELP** to accept the code set that the remote is on and to end programming.

*Note1: If the device is not properly functional, try the process again to see if a better suited code is not available further on in the database*

*Note2: The search always starts from the currently stored code onwards*

*Note3: The **RED** LED will blink 5 times when all codes have been tried*

*Note4: The search can be done backwards through the codes by pressing the **RED** button*

*Note5: The codes are tested in sequence from the most popular to the least used ones.*

### **Method 4: IR Learning**

*This allows you to programme almost any other remote function onto a button on the PVR remote. Any button on the programmable modes (A, B, C or D) except **HELP, EXIT and SHIFT** can be used for this purpose.*

**Step 1:** Turn to the mode on which you want to program the button (A, B, C, or D).

**Step 2:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Press the **BLUE** button.

**Step 4:** Press the button onto which you want to learn the function. (The PVR LED will start blinking rapidly)

**Step 5:** Hold the remotes head to head (the remote from which the command is being learnt and the PVR remote).

**Step 6:** Press **the function to be learned** on the original remote. (The blinking will stop the moment the function has been learned properly)

**Optional:** Steps 4, 5 and 6 can be repeated as many times as desired

**Step 7:** Press HELP to indicate programming complete.

*Note:* If a function cannot be learned, the PVR remote will give **RED** blinks

### Deleting the learned IR code off a specific button:

**Step 1:** Turn to the mode on which you want to program (A, B, C, or D).

**Step 2:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Press the **BLUE** button.

**Step 4:** Hold **the key to be deleted** for 3 seconds (the LED indication will show when it has been deleted).

**Optional:** Repeated step 4 as many times as desired

**Step 5:** Press HELP to indicate programming complete.

*Note:* Erasing a key will restore its original function (if it had one)

## 4.2 Code Verification

By writing down the code of the devices programmed into your remote (use the label on the inside of the battery compartment), it will be easier to restore them if ever needed. These codes can be restored using method 2 (Direct Set) as described under "To Programming another device onto your remote"

**Step 1:** Turn to the mode on which the device is programmed (A, B, C, or D).

**Step 2:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Press the **YELLOW** button.

**Step 4:** Press "1".....count blinks (Only count the **AMBER** blinks, **Green** blink means 0)

**Step 5:** Press "2".....count blinks (Only count the **AMBER** blinks, **Green** blink means 0)

**Step 6:** Press "3".....count blinks (Only count the **AMBER** blinks, **Green** blink means 0)

**Step 7:** Press "4".....count blinks (Only count the **AMBER** blinks, **Green** blink means 0)

**Step 8:** Press "5".....count blinks (Only count the **AMBER** blinks, **Green** blink means 0)

**Step 9:** Press HELP to exit this mode and resume normal operation.

*Note 1:* The 5 digits make up the programmed code.

*Note 2:* You can backtrack (press any digit again or out of sequence) if you are unsure about the number of blinks.

## 4.3 Volume Relay

This enables the remote to change volume on a chosen device (i.e. when in TV1 mode, change volume on the amplifier not on the decoder)

**Step 1:** Turn the dial to the mode **from** which you would like the volume commands to be relayed. (E.g. "TV1")

**Step 1:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 2:** Press the **RELAY (MUTE)** button.

**Step 3:** Turn the dial to the mode **to** which you want to relay the volume commands. (E.g. mode "A")

**Step 4:** Press HELP to indicate programming complete.

*Usage Note:* If for any reason you want to revert to normal volume control, just press **SHIFT** and **RELAY** to stop relaying the volume commands. To revert to relayed volume, just press **SHIFT RELAY** – it does not need to be reprogrammed.

*Note1:* You can relay more than one mode to the same device (E.g. For both TV1 and TV2, I rather want to change the volume on the amplifier)

*Note2:* Relayed volume commands are indicated by blinks on the **SHIFT** LED. Normal volume commands are indicated by blinks in the mode window.

## 4.4 Macros

To store and recall multiple commands (E.g. enable switch on/ switch off of a number of devices, or to assign a long channel number to one button)

**Step 1:** Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

**Step 3:** Press the **WHITE** button.

**Step 4:** Select the “macro store” button (**0 -9, standby**). (I.e. there are 11 possible buttons on which to store macros)

**Step 5:** Enter commands (includes mode changes).

**Step 6:** Press **HELP** to indicate programming complete.

*Note1:* If the **RED** LED flashes the memory is full or you are trying to enter too many commands into one macro

*Note2:* A maximum of 41 commands can be entered per macro and switching between modes also counts as commands.

*Note3:* Macros are mode-independent. (Regardless of which mode you access or program a macro from, it will always have the same effect).

*Note4:* Macros are accessed by pressing **SHIFT** and then the “macro-store” button.

## 5. Resets

Enter into programming mode by pressing **SHIFT** until the **AMBER** LED gives 3 blinks.

To reset to default all programmed functions on that specific mode, Press the **RED** button.

Or

To reset macros and volume relays only (will affect all modes), enter 980

Or

To reset ALL user programmable functions (on all modes), enter 977

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## 6 Brand Codes

TV Brand Codes				Audio Codes		DVD Codes	
Acer	"01652	National	"00521	Aiwa	"10406	Aim	"31849
Aim	"01849	Nu-Tec	"02482	Akai	"10098	Akai	"30098
Aiwa	"00406	Panasonic	"00051	Denon	"10246	Daewoo	"30092
Akai	"00098	Philips	"00081	Digitech	"12609	Denon	"30246
Akira	"02663	Pioneer	"00166	Enzer	"12737	Diamond	"30247
Bauer	"02688	Pvision	"02540	Harman/Kardon	"10356	Enzer	"32737
Blaupunkt	"00133	Rinex	"02887	JVC	"10053	Futronic	"32749
Daewoo	"00092	Rowa	"01380	Kenwood	"10417	Hyundai	"31206
Diamond	"00247	Royal	"01382	LG	"10511	JVC	"30053
Etron	"00284	Samsung	"00060	Marantz	"10128	Kenwood	"30417
Fujitsu	"00313	Sansui	"00067	NAD	"10513	LG	"30511
Fujitsu Siemens	"01673	Sanyo	"00159	Onkyo	"10102	Logik	"30443
Futronic	"02749	Sharp	"00093	Panasonic	"10051	Panasonic	"30051
GoldStar	"00056	Show	"02909	Philips	"10081	Philips	"30081
Grundig	"00345	Silver	"00864	Pioneer	"10166	Pioneer	"30166
Hisense	"02159	Sinotec	"02911	Rotel	"10630	Samsung	"30060
Hitachi	"00145	Sony	"00000	Samsung	"10060	Sansui	"30067
Hitachi Fujian	"01905	Supersonic	"02544	Sansui	"10067	Sanyo	"30159
Hyundai	"01206	SVA	"01813	Sanyo	"10159	Singer	"30688
JNC	"01961	Technol Ace	"00934	Sony	"10000	Sinotec	"32911
JVC	"00053	Tedalex	"01970	Teac	"10041	Sony	"30000
Konka	"01235	Tek	"01899	Technics	"10250	Teac	"30041
LG	"00511	Telefunken	"00757	Telefunken	"10757	Tedalex	"31970
Logik	"00443	Topshow	"03474	Wharfedale	"11535	Telefunken	"30757
Mercury	"01722	Toshiba	"00156	Yamaha	"10019	Wharfedale	"31535
MicroTEK	"03476	Wharfedale	"01535				