



User Guide

There are **4 methods** which can be used to program the remote control to emulate another remote control. 3 of these methods are described in this manual. The 4th (Exhaustive Search) is explained in the more detailed manual available at www.dstv.com

Method 2: Direct Set

If you have the specific device code (obtained from the web manual or a previous Code Verification) the following steps can be followed to program the remote:

- Set the dial to the mode (A, B, C or D) that you want programmed to control the selected device.
- Press and hold the **SHIFT** button until the mode window gives three yellow blinks.
- Enter the 5-digit device code using the number buttons on the remote control.
- All button presses will be acknowledged by a single yellow blink. If the mode window gives three red blinks, you have entered an invalid code.
- The mode window will give three green blinks to indicate successful completion and will automatically return to the normal operational mode.

Introduction 2

The MultiChoice Universal Remote Control can be programmed to control a range of MultiChoice decoders as well as other audio / video devices in your home. Some of the basic programmable options are listed here. A more comprehensive list of available options are detailed in the full manual available at www.dstv.com

When programming the remote control :

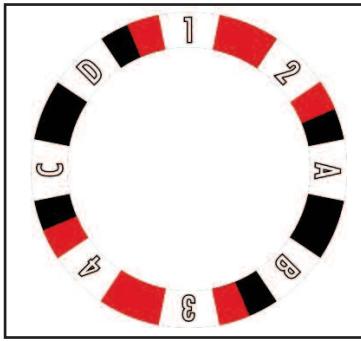
- Pressing **EXIT** abandons any programming changes and returns the remote control to normal operational mode. Programming a macro is the only exception.
- Pressing **HELP** concludes programming and stores all changes.
- Two red blinks at any time indicates an error and that the remote control has returned to normal operational mode. Check the procedure carefully and start again.

Note : Always use alkaline batteries.

Shift Mode

To The five buttons on the top of the remote control each have a secondary function (referred to as the "shift" mode). To use the shift mode, press and release the **SHIFT** button. It will blink to indicate that **SHIFT** is active. Any button pressed while the **SHIFT** button is blinking will automatically be in "shift" mode. The **SHIFT** button will stop blinking if you press it again or if no other buttons are pressed within 20 seconds (ie. it will time-out).

The Dial 3



The remote control dial has 8 modes. Modes 1 – 4 are for use with PVR, 1110 or 1131 decoders. Modes A – D are programmable and can be used to control any other device (including older MultiChoice decoders, the TV, Hi-Fi, etc). The "mode window" (where you see the mode) lights up when any button is pressed, confirming the active mode and also that the command has been transmitted (green indicates normal use, yellow indicates programming mode and red indicates an error).

To turn the dial, put one thumb on either side of the dial and slide in the direction required.



Method 3: Learning 6

If you want the MultiChoice remote control to "learn" a function from a remote control normally used to control another device, follow the steps below. (e.g.: Program the TV remote's mono/stereo function to work off the STOP button on the PVR remote).

Place the two remote controls on a flat surface. Ensure that the ends which would normally be pointed at the device are facing each other (about 2 to 5cm apart).



- Set the dial to the mode (A, B, C or D) of the device to which the remote control belongs (example : you have programmed the TV to mode B).
- Press and hold the SHIFT button** until the mode window gives three yellow blinks.
- Press the **BLUE** button.
- Press the button that needs to "learn" the function (example : **STOP** button). The mode window will give rapid yellow blinks.
- Press the button on the other remote control from which you want to "learn" (example : mono/stereo button). If the mode window on the MultiChoice remote control gives two green blinks, the "learning" has been successful.
- Repeat steps 4 and 5 as required for any additional "learning".
- Press **HELP** to end the "learning" process. The mode window will give three green blinks to indicate successful completion of the process.

Result (example) : you can now control the mono/stereo function of the TV by pressing the **STOP** button on the MultiChoice remote control.

Note :

- You cannot programme the **HELP** or **SHIFT** button on the MultiChoice remote control.
- Learning within modes 1, 2, 3, and 4 are not possible.
- Two red blinks at any time during the process indicates an incorrect entry.

Controlling Other MultiChoice decoder 4

This remote control works with PVR, 1110 or 1131 decoders and can be programmed to control older decoder models.

- If you own another decoder model, refer to the picture of the original remote control packaged with the decoder and use the code indicated above the picture to programme the new remote control.
- Set the dial to the mode (A, B, C or D) that you want programmed to control the older decoder.
- Press and hold the SHIFT button** until the mode window gives three yellow blinks.
- Enter the 5-digit code using the number buttons on the remote control. The mode window gives one yellow blink after you enter each of the first four numbers and gives three green blinks after you enter the last number, confirming that a valid code has been entered.

Note : The remote control will indicate an error (two red blinks in the mode window) and exit the programming mode if you press an invalid code or anything other than a number button when entering the device code.

This mode on the new remote control can now be used to control the older decoder. Please note the mapping of buttons below the picture of the original remote used to programme the remote control.

Code Verification 8

This feature allows you to determine the code for a device that you programmed. To verify a code :

- Set the dial to the mode for which you wish to verify a code (A, B, C or D)
- Press and hold the **SHIFT** button until the mode window gives 3 yellow blinks.
- Press the **YELLOW** button. The mode window will give 3 yellow blinks to indicate acceptance.
- Press **1** and count the times the mode window blinks. (Only count amber blinks, a green blink indicates zero)
- Press **2** and count the times the mode window blinks. (Only count amber blinks, a green blink indicates zero)
- Press **3** and count the times the mode window blinks. (Only count amber blinks, a green blink indicates zero)
- Press **4** and count the times the mode window blinks. (Only count amber blinks, a green blink indicates zero)
- Press **5** and count the times the mode window blinks. (Only count amber blinks, a green blink indicates zero)
- Press the **HELP** button to exit this mode and resume normal operation.

Note :

- The 5 numbers "blinking" are the code.
- A green blink indicates a 0 (zero).
- You can only verify codes in modes A, B, C or D. Attempting to verify a code in modes 1, 2, 3 or 4 will result in the mode window blinking twice and the remote resuming normal operation.
- If you press digits other than 1 – 5, these will be ignored.
- Two red blinks at any time during the process indicates an incorrect entry.

Volume Relay 9

This feature allows you to change the volume on a selected device without having to change the mode on the remote control. So, although the remote is being used to control the decoder, all volume related commands are sent to the device you have selected (eg. the TV), instead of the decoder.

- Note the mode of the device that you want programmed to receive the volume commands (eg. home theatre system on mode A).
- Set the dial to the mode (1, 2, 3, or 4) from which you want the volume commands to be relayed.
- Press and hold the **SHIFT** button until the mode window gives three yellow blinks.
- Press the **MUTE** button. (The mode window will again give three yellow blinks.)
- Set the dial to the mode (A, B, C or D) to which you want the volume commands relayed. This must be the mode on which you have programmed the target device. (see "Controlling the TV, Amp / Tuner or DVD")
- Press **HELP** to confirm your selection. (The mode window will give three green blinks to indicate successful completion).
- Return the dial to the mode in step 2.

Note :

- Two red blinks at any time during the process indicates an incorrect entry.
- Volume commands will now result in the **SHIFT** button blinking once and the volume changing on the selected device.
- Once programmed, it is possible to easily jump between the original volume control and the programmed Volume Relay by just pressing Shift and Mute (Relay) at any time. Relayed Volume commands are indicated via a "SHIFT" blink while normal mode volume commands are indicated via the mode window.

Controlling the TV, Amp / Tuner or DVD 5

This remote control can be programmed to control other devices in your home.

Method 1: Brand Set

- Find the code for the selected device in the "Brand set list". Codes are listed by type of device and brand. If the brand or device is not listed in the "Brand set list", go to www.dstv.com
- Set the dial to the mode (A, B, C or D) that you want programmed to control the selected device.
- Press and hold the **SHIFT** button until the mode window gives three yellow blinks.
- Press the **GREEN** button.
- Enter the 5-digit brand code using the number buttons on the remote control.
- Search the models by pressing the **RIGHT** arrow until the device you are trying to control switches on or off (this confirms that you have the correct code).
- All button presses will be acknowledged by a single yellow blink. If the mode window gives five red blinks, you have searched all the available models for that brand.
- Press **HELP** to confirm the code. The mode window gives three green blinks to indicate successful completion.

Note : Some codes are quite similar. If the device is not functioning correctly with the selected model (step 6), try the sequence again and select another model in step 6.

This mode on the new remote control can now be used to control the selected device. To ensure that any future changes can be done easily, the specific device code can be obtained by doing "Code Verification". Write the code on the sticker inside the battery compartment for future reference.

Macro 10

A macro is used to store a series of commands that you use regularly (example : switch multiple devices on or off with one button press). You can store the commands on a selected button (0-9 or Standby) and then recall this command sequence at any time and from any mode by pressing **SHIFT** plus that button.

As an example, we will assume using a decoder set to listen to mode 1, a TV that has been programmed to mode A and an amplifier programmed on mode B. We want a macro that will switch them all on or off using the Standby button on the remote.

Note: as macros are mode independent (you can program or recall a macro from any mode) the start mode is not important.

- Press and hold the **SHIFT** button until the mode window gives three yellow blinks.
- Press the **WHITE** button.
- Select the button to which you want to assign the Macro (0 – 9 or Standby). (For this example: Standby)
- Enter the corresponding commands which you would like the macro to perform (For this example, change to mode 1 and press **Standby**, change to mode A and press **Standby**, then change to mode B and press **Standby**)
- Press **HELP** to save the macro. The mode window will give three green blinks to indicate successful completion.

To use the macro, press the **SHIFT** button followed by the selected Macro button. (In the example : you can now turn your decoder, TV and amplifier on or off from any mode by just pressing **SHIFT + Standby**.)

Note: a red blink indicates that the memory is full or that you are trying to enter too many commands into one macro.

Herewith the functions that
can be controlled with
the MultiChoice remote:

TV remote function	MultiChoice remote
Standby	Power
AV	Alt
Mute	Mute
P +	P +
P -	P -
Vol +	V +
Vol -	V -
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0

Amp. / Tun. remote function	MultiChoice remote
Standby	Power
Input Select *	Alt
Mute	Mute
Input Select *	P +
Vol +	V +
Vol -	V -
CD	1
DVD	2
SAT	3
TUNER	4
TV	5
VCR	6
5.1	7
AUX1	8
AUX2	9
TAPE	0

(*) Depending on original remote

Brand-Set-List

Type 1a (code 21363)

As used for 720, 720i, 910, 933, 988 and 988i decoders as well as Dual View Mode 1



Type 1b (code 21363)

As used for 630, 635, 642, 645 and 660 decoders



Type 2 (code 21463)

As used for Dual view TV2



Changed functionality



Changed functionality

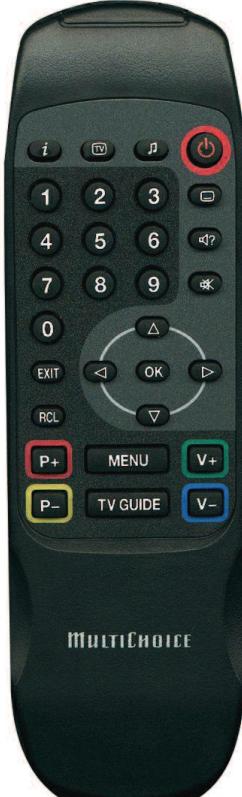


Changed functionality



Type 3 (code 20672)

As used for 9876, 9876B, and 977 decoders



Type 5a (code 21509)

Comcrypt M-Net decoder



Type 5b (code 21509)

Later version Comcrypt M-Net decoder



Type 6 (code 20473)

Delta Plus M-Net decoder

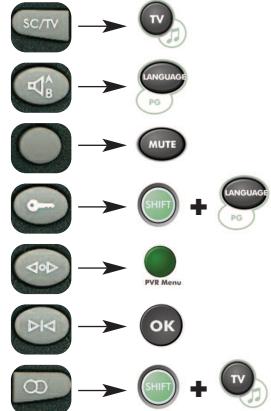


Type 7 (code 20049)

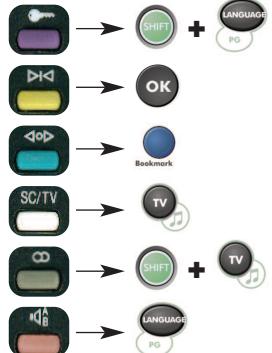
Delta 9000 M-Net decoder



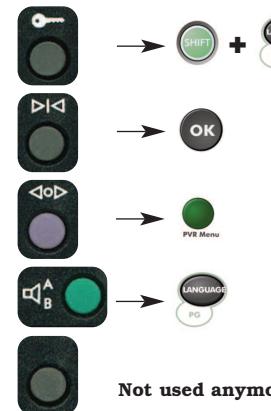
Changed functionality



Changed functionality



Changed functionality



Changed functionality

