

# Remote Control Preset Codes (AVR-X4500H)

## AVR

**D** Denon 73347

## CBL/SAT group

### CBL

**A** AT&T 00858

**B** Bright House 01376, 01877

**C** Cable & Wireless 01068

Cable One 01376, 01877

Cablevision 01376, 01877

Charter 01376, 01877

Cisco 01877, 00858, 02378

Com Hem 02015

Comcast 01376, 01877

Cox 01376, 01877

**D** Daeryung 01877

**F** Freebox 01976

**I** Insight 01376, 01877

**K** KabelBW 02174

Knology 01877

**M** Mediacom 01376, 01877

Motorola 01376, 00858, 02378

**N** NTL 01060, 01068

**O** Ono 01068

Optus 01060

**P** Pace 01376, 01877, 01060, 01068

Philips 02174

Pioneer 01877

Premiere 02174

**R** RCN 01376

Rogers 01877

**S** Samsung 01877, 01060, 02015, 02174

Scientific Atlanta 01877, 00858

Shaw 01376

Stofa 02015

Suddenlink 01376, 01877

**T** Telewest 01068

Thomson 02174

Time Warner 01376, 01877

**V** Verizon 02378

Videotron 01877

Virgin Media 01060, 01068

VTR 01376

**W** WideOpenWest 01877

**Z** Ziggo 02015

### CBL/PVR Combination

**B** Bright House 01376, 01877

**C** Cable One 01376, 01877

Cablevision 01376, 01877

Charter 01376, 01877

Cisco 01877

Comcast 01376, 01877

Cox 01376, 01877

**F** Freebox 01976

**I** Insight 01376, 01877

**K** Knology 01877

**M** Mediacom 01376, 01877

Motorola 01376

**P** Pace 01877

Pioneer 01877

**R** Rogers 01877

**S** Samsung 01877

Scientific Atlanta 01877

Shaw 01376

Suddenlink 01376, 01877

**T** Time Warner 01376, 01877

## AVR

<b>V</b>	Videotron	01877
	VTR	01376
<b>W</b>	WideOpenWest	01877

## IP TV

<b>A</b>	AT&T	00858
<b>C</b>	Cisco	00858, 02378
<b>M</b>	Motorola	01376, 00858, 02378
<b>P</b>	Philips	02174
<b>S</b>	Samsung	02174
	Scientific Atlanta	00858
<b>T</b>	Thomson	02174
<b>V</b>	Verizon	02378

## Video - Accessory

<b>A</b>	Apple	02615
<b>N</b>	Netgear	03292
<b>P</b>	Philips	01272, 03526
<b>R</b>	Roku	03061
<b>S</b>	Sony	02713
<b>T</b>	Tec	03522
<b>W</b>	Western Digital	02558

## SAT

<b>A</b>	Acoustic Solutions	01284
	Alba	01284
	Amstrad	00847, 01175
	Aurora	00879
	Austar	00879
	Avanit	01631

## CBL/SAT group

## TV group

<b>B</b>	Bell ExpressVu	00775
	Black Diamond	01284
	Boshmann	01631
	British Sky Broadcasting	00847, 01175
	BskyB	00847, 01175
	Bush	01284
<b>C</b>	Century	00856
	CityCom	01176
	Com Hem	01176, 01915
	Crown	01284
	CS	01631
<b>D</b>	Dgtec	01631
	Digi Raum Electronics	01176
	Digihome	01284
	DigiLogic	01284
	DigiQuest	01631
	DigitalBox	01631
	Digiwave	01631
	DirecTV	01377, 00099
	Dish Network	00775
	Dishpro	00775
	DRE	01176
	DSTV	00879
	Durabrand	01284
<b>E</b>	Echostar	00775
	Edision	01631
	Energy Sistem	01631
	Expressvu	00775
<b>F</b>	Foxtel	00879, 01176, 01356
	Fuji Onkyo	01631

## VCR/PVR group

## BD/DVD group

## Audio group

<b>G</b>	Galaxis	00879
	General Satellite	01176
	GOI	00775
	Gold Vision	01631
	Goodmans	01284
	Gradiente	00856, 00099
	Grundig	00847, 00879, 01284
<b>H</b>	Hitachi	01284
	HTS	00775
	Hughes Network Systems	01377
	Humax	01377, 01176, 01915
<b>I</b>	ID Digital	01176
	ILLUSION sat	01631
	Imperial	01195
	Indovision	00856
	Innova	00099
<b>J</b>	JVC	00775
<b>K</b>	KabelBW	01195, 01915
	Koenig	01631
<b>L</b>	Lava	01631
	Linsar	01284
	Lodos	01284
	Logik	01284
<b>M</b>	Matsui	01284
	MegaSat	01631
	Metronic	01631
	Motorola	00856
	Multichoice	00879
	MySky	01356

## AVR

## CBL/SAT group

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## Audio group

<b>N</b>	Netsat	00099
	NPG	01631
<b>O</b>	Onn	01284
	Optus	00879, 01356
	Orbitech	01195
<b>P</b>	Pace	00847, 01175, 01356
	Pacific	01284
	Panasat	00879
	Panasonic	00847
	Philips	00856, 00099
	Proline	01284
<b>S</b>	SAB	01631
	Samsung	01377, 01175
	SatyCon	01631
	Schwaiger	01631
	SEG	01284
	Shark	01631
	SKY	00856, 00099, 00847, 01175
	SKY Brazil	00856
	SKY Mexico	00856
	Sky+	01175
	SkyCable	01631
	Skyplus	01175
	Skyworth	01631
	Smart	01631
	Sony	00847
	Strong	00879, 01284
<b>T</b>	Technika	01284
	TechniSat	01195
	Techwood	01284
	Telestar	01195

	Thomson	00847, 01175
	Toshiba	01284
	Triax	01631
	Tricolor TV	01176
<b>U</b>	UEC	00879, 01356
<b>V</b>	Vestel	01284
	Viasat	01195
	Viva	00856
<b>W</b>	Wharfedale	01284
<b>X</b>	Xsat	00847
<b>Z</b>	Zehnder	01631
	Zenith	00856

## CBL/SAT/PVR Combination

<b>C</b>	Com Hem	01176
<b>F</b>	Foxtel	01356
<b>H</b>	Humax	01176
<b>P</b>	Pace	01356
<b>T</b>	TechniSat	01195

## SAT/PVR Combination

<b>A</b>	Amstrad	01175
<b>B</b>	Bell ExpressVu	00775
	British Sky Broadcasting	01175
	BskyB	01175
<b>D</b>	DirecTV	01377, 00099
	Dish Network	00775
	Dishpro	00775
<b>E</b>	Echostar	00775
	Edision	01631
	Expressvu	00775
<b>F</b>	Foxtel	01356
	Fuji Onkyo	01631
<b>H</b>	Humax	01377, 01176
<b>J</b>	JVC	00775
<b>M</b>	MegaSat	01631
	MySky	01356
<b>O</b>	Orbitech	01195
<b>P</b>	Pace	01175, 01356
	Philips	00099
<b>S</b>	Samsung	01377, 01175
	SKY	01175
	SkyCable	01631
	Skyplus	01175
	Skyworth	01631
	Smart	01631
<b>T</b>	TechniSat	01195
	Telestar	01195
	Thomson	01175
<b>V</b>	Viasat	01195

## TV group

TV	
<b>A</b>	A.R. Systems 10556
	Acoustic Solutions 11037
	AEG 11037
	Akai 10556
	Akura 11037
	Alba 11037
	Alien 11037
	Amstrad 11037
	AOC 10625
	Aristona 10556
	ART 11037
<b>B</b>	Barco 10556
	Basic Line 10556, 11037
	Belstar 11037
	Berthen 10556
	Black Diamond 11037
	Blue Sky 10556, 10625, 11037
	Brandt 10625
	Bush 10556, 11037
<b>C</b>	Carad 11037
	Centrum 11037
	Clayton 11037
	CPTEC 10625
	Crown 11037
<b>D</b>	D-Vision 10556
	Daewoo 10556
	Dantax 11037
	Dual 11037
	Durabrand 11037
<b>E</b>	Elbe 10556
	Elfunk 11037
	Emerson 11864
	Excello 11037
<b>F</b>	Ferguson 10625, 11037
	Finlux 10556
	Firstline 10556, 11037
	Freesat 11636
	Funai 11037
<b>G</b>	Gaba 11037
	GE 11454, 10625
	GFM 11864
	Goodmans 10556, 10625, 11037
	Grandin 10556, 11037
	Grundig 10556
<b>H</b>	Hanseatic 10556, 10625
	Hisense 10556
	Hitachi 11643, 11037, 11691
	Hypson 10556, 11037
	Hyundai 11037
<b>I</b>	Inno Hit 11037
	Insignia 11423
	Internal 10556
<b>J</b>	Jinxing 10556
	JMB 10556
	Jubilee 10556
	JVC 11601, 11428
<b>K</b>	Kathrein 10556
	Kendo 11037
	Kennex 11037
	Kioto 10556
	Kneissel 10556
<b>L</b>	Lavis 11037
	Lenco 11037
	LG 11423, 10556
	Lifetec 11037
	Lodos 11037
	Logik 11037
	Luma 11037
	Luxor 11037
<b>M</b>	Magnavox 11454
	Manhattan 11037
	Marantz 11454, 10556
	Matsui 10556, 11037
	Mediator 10556
	Medion 10556, 11037
	MEI 11037
	Memorex 11037
	Metronic 10625
	Metz 11037
	Micromaxx 11037
	Mikomi 11037
	Mitsubishi 11250, 10556, 11037, 12313
	Multitec 11037
	Myryad 10556
<b>N</b>	Neckermann 10556

## AVR

## CBL/SAT group

## TV group

## VCR/PVR group

## BD/DVD group

## Audio group

	NEI	11037	Schneider	10556, 11037	Toshiba	11524, 11037, 11508, 12311, 13105	
	Neufunk	10556	Schoentech	11037	TRANS-	continents	10556, 11037
	New Tech	10556	Seelver	11037	Triad	10556	
<b>O</b>	O.K.Line	11037	SEG	11037	Triumph	10556	
	Orion	10556, 11037	Sharp	11423, 10818, 11407, 13101	TVTEXT 95	10556	
	Ormond	11037	Siera	10556	<b>U</b> United	10556, 11037	
	Osaki	10556	SilverCrest	11037	Universum	11037	
	Otto Versand	10556	Sony	10810, 11167, 12778	<b>V</b> Vestel	11037	
<b>P</b>	Pacific	10556, 11037	Soundwave	11037	Victor	11428	
	Palladium	10556	Standard	11037	Vizio	11758	
	Panasonic	11636, 12170	SuperTech	10556	<b>W</b> Waltham	11037	
	Panasonic	11636	Sylvania	11864	Watson	11037	
	Philips	10810, 11454, 10556	<b>T</b> TCL	12429	Weltstar	11037	
	Phonola	10556	Teac	11037	Wharfedale	10556	
	Pioneer	11457, 11636	Technica	11037	Wilson	10556	
	Prinston	11037	Technics	10556	Windsor	11037	
	Proline	10625, 11037	TechniSat	10556	Windy Sam	10556	
	Protech	11037	Technosonic	10556, 10625	<b>Y</b> Yamaha	11407	
	ProVision	10556	Techwood	11037	<b>Z</b> Zenith	11423	
	Pye	10556	Tecnimagen	10556			
<b>Q</b>	Quelle	11037	Telefunken	10625			
<b>R</b>	Radiola	10556	Telestar	10556			
	Radiotone	11037	Teletech	11037			
	RCA	11454, 10625, 12429	Tensai	11037			
	Reflex	11037	Tesla	10556, 11037			
	Roadstar	11037	Tevion	10556, 11037			
<b>S</b>	Saba	10625	Thomson	10625			
	Saivod	11037	Tokai	11037			
	Samsung	12051, 10556	Tokaido	11037			
	Sanyo	11142, 11037	Topline	11037			
	SBR	10556					

## TV/DVD Combination

<b>B</b>	Black Diamond	11037
	Blue Sky	11037
	Bush	11037
<b>C</b>	Centrum	11037
	Crown	11037
<b>D</b>	Dual	11037
<b>E</b>	Elfunk	11037
	Emerson	11864

**F** Ferguson 11037**G** Goodmans 11037**H** Hitachi 11037**L** LG 11423

Logik 11037

Luxor 11037

**M** Matsui 11037**P** Panasonic 12170

Philips 11454, 10556

**S** Samsung 12051

SEG 11037

Sharp 10818

Sony 12778

Sylvania 11864

**T** Technica 11037

Teletech 11037

Thomson 10625

Toshiba 11524

**U** United 11037**V** Vestel 11037**W** Weltstar 11037**TV/VCR Combination****F** Ferguson 10625**G** Grundig 10556**M** Mitsubishi 10556**P** Philips 10556**R** Radiola 10556**S** Saba 10625

Schneider 10556

Sharp 10818

**T** Technics 10556

Thomson 10625

## VCR/PVR group

### VCR

<b>D</b>	DirecTV	20739
<b>H</b>	Humax	20739
<b>P</b>	Philips	20739
<b>T</b>	TiVo	20739

### PVR

<b>D</b>	DirecTV	20739
<b>H</b>	Humax	20739
<b>P</b>	Philips	20739
<b>T</b>	TiVo	20739

## BD/DVD group

## DVD

<b>3</b>	3D LAB	30539
<b>A</b>	Accurian	30675
	AEG	30675
	Akai	30675
	Alba	30539
	Aristona	30539
<b>B</b>	Bel Canto Design	31571
	Blue Parade	30571
	Brandt	30503
<b>C</b>	California Audio Labs	30490
	Centrum	30675
	Clatronic	30675
<b>D</b>	Dantax	30539
	Denon	30490, 31634, 33698, 32258
	Disney	30675
	DSE	30675
	Durabrand	30675
<b>E</b>	Emerson	30675
	EuroLine	30675
<b>F</b>	Finlux	30741
	Funai	30675
<b>G</b>	GFM	30675
	Go Video	30741
	GoldStar	30741
	GPX	30741
	Grundig	30539

<b>H</b>	Hanseatic	30741
	Hitachi	30573
<b>I</b>	Insignia	30675, 30741
	Integra	30571, 31634, 32147
<b>J</b>	JVC	30539, 30503
<b>K</b>	Kenwood	30490
<b>L</b>	LG	30741
	Loewe	30539, 30741
	Lumatron	30741
	Lunatron	30741
	Luxman	30573
<b>M</b>	Magnavox	30539, 30503, 30675
	Marantz	30539, 32414
	Medion	30741
	Metz	30571
	Micromedia	30539, 30503
	Micromega	30539
<b>N</b>	NAD	30741
	NEC	30741
<b>O</b>	Onkyo	30503, 32147
<b>P</b>	Panasonic	30490, 31641, 30503, 32523, 32859
	Philco	30675
	Philips	32056, 30539, 32434, 30503, 30675
	Pioneer	30571, 30142, 30631, 31571, 32442
	Polk Audio	30539
	Presidian	30675

	Pye	30539
<b>R</b>	Radionette	30741
	RCA	30571
	REC	30490
<b>S</b>	Salora	30741
	Samsung	30199, 30573, 30490
	Schneider	30539
	Semp	30503
	Sharp	30675, 32250, 32479, 33313
	Sherwood	30741
	Silva Schneider	30741
	Skantic	30539
	Sony	31633, 31516, 31033, 32178, 32180, 33519
	Sylvania	30675
	Symphonic	30675
<b>T</b>	Targa	30741
	Tchibo	30741
	TCM	30741
	Teac	30675, 30741, 30571
	Technics	30490
	Theta Digital	30571
	Toshiba	30503, 32705
<b>U</b>	United	30675
	Universum	30741
	Urban Concepts	30503
<b>W</b>	Windy Sam	30573
<b>Y</b>	Yamaha	30490, 30539, 32298
<b>Z</b>	Zenith	30503, 30741



**Blu-ray Disc**

<b>D</b>	Denon	32661, 33698, 32258
<b>F</b>	Funai	30675
<b>I</b>	Insignia	30675
	Integra	32147
<b>L</b>	LG	30741
<b>M</b>	Magnavox	30675
	Marantz	32534, 32414
<b>O</b>	Onkyo	32147
<b>O</b>	Panasonic	31641, 32523, 32859
	Phillips	32434
	Pioneer	30142, 32442
<b>S</b>	Samsung	30199
	Sharp	32250, 32479, 33313
	Sony	31516, 32178, 32180, 33519
	Sylvania	30675
<b>T</b>	Toshiba	32705
<b>Y</b>	Yamaha	32298

**DVD-R**

<b>A</b>	Accurian	30675
<b>D</b>	Denon	30490
<b>E</b>	Emerson	30675
<b>F</b>	Funai	30675
<b>G</b>	Go Video	30741
	GPX	30741
<b>L</b>	LG	30741
	Loewe	30741
<b>M</b>	Magnavox	30675
	Medion	30741
<b>P</b>	Panasonic	30490, 32523, 32859
	Pioneer	30631
<b>S</b>	Samsung	30490
	Sharp	30675, 32479, 33313
	Sony	31633, 31516, 31033, 32178, 32180, 33519
	Sylvania	30675
<b>T</b>	Targa	30741
<b>Z</b>	Zenith	30741

**HD-DVD**

<b>L</b>	LG	30741
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## Audio group

### CD

**D** Denon 42867, 42868

**M** Marantz 41985

### CD-R

**D** Denon 42868

### Receiver

**D** Denon 42857