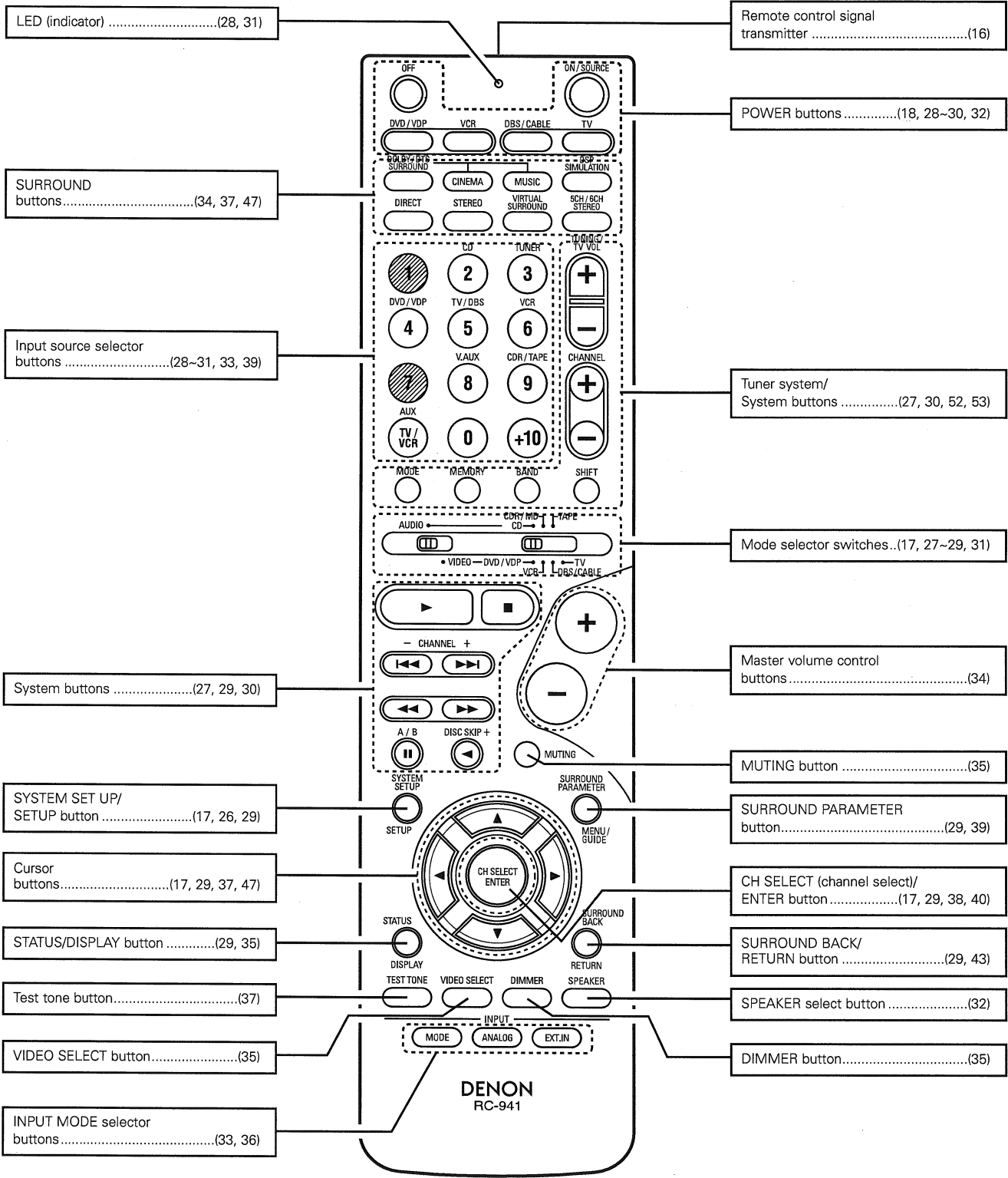


## Remote control unit

- For details on the functions of these parts, refer to the pages given in parentheses ( ).



**NOTE:**

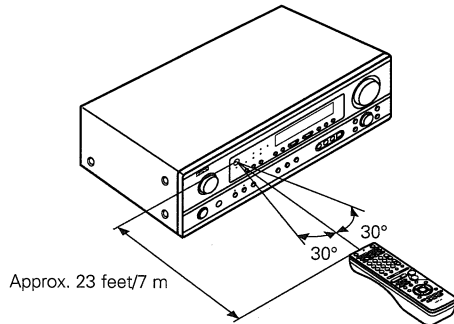
- The shaded buttons  do not function with the AVR-1604/684. (Nothing happens when they are pressed.)

- The shaded buttons  do not function with the AVR-1604/684. (Nothing happens when they are pressed.)

## 9 USING THE REMOTE CONTROL UNIT

Following the procedure outlined below, insert the batteries before using the remote control unit.

### Range of operation of the remote control unit



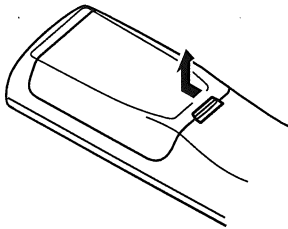
Point the remote control unit at the remote control sensor as shown on the diagram at the left.

#### NOTES:

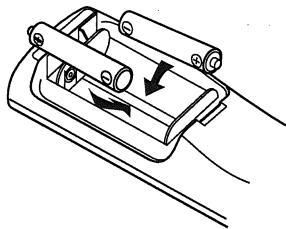
- The remote control unit can be used from a straight distance of approximately 23 feet/7 meters, but this distance will shorten or operation will become difficult if there are obstacles between the remote control unit and the remote control sensor, if the remote control sensor is exposed to direct sunlight or other strong light, or if operated from an angle.
- Neon signs or other devices emitting pulse-type noise nearby may result in malfunction, so keep the set as far away from such devices as possible.

### Inserting the batteries

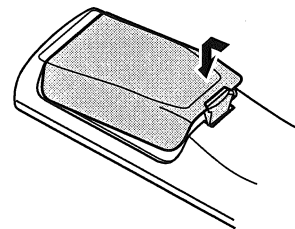
① Press as shown by the arrow and slide off.



② Insert the R6P/AA batteries properly, as shown on the diagram.



③ Close the lid.



#### NOTES:

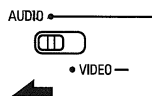
- Use only R6P/AA batteries for replacement.
- Be sure the polarities are correct. (See the illustration inside the battery compartment.)
- Remove the batteries if the remote control transmitter will not be used for an extended period of time.
- If batteries leak, dispose of them immediately. Avoid touching the leaked material or letting it come in contact with clothing, etc. Clean the battery compartment thoroughly before installing new batteries.
- Have replacement batteries on hand so that the old batteries can be replaced as quickly as possible when the time comes.
- Even if less than a year has passed, replace the batteries with new ones if the set does not operate even when the remote control unit is operated nearby the set. (The included battery is only for verifying operation. Replace it with a new battery as soon as possible.)

# 11 REMOTE CONTROL UNIT

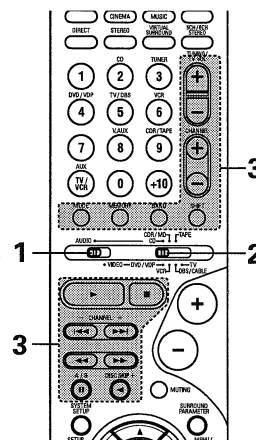
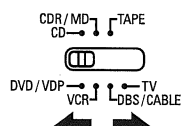
## Operating DENON audio components

- Turn on the power of the different components before operating them.

**1** Set mode switch 1 to "AUDIO".



**2** Set mode switch 2 to the position for the component to be operated. (CD, CDR/MD or Tape deck)

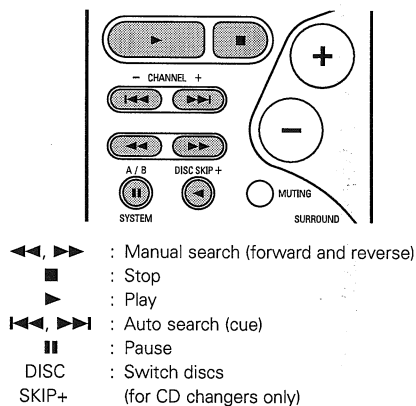


**3** Operate the audio component.

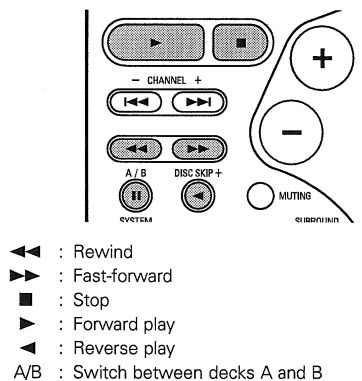
- For details, refer to the component's operating instructions.

※ While this remote control is compatible with a wide range of infrared controlled components, some models of components may not be operated with this remote control.

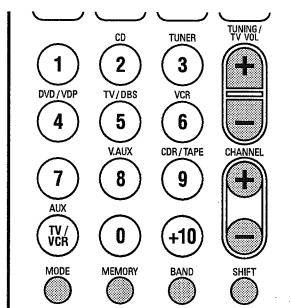
### 1. CD player (CD) and CD recorder and MD recorder (CDR/MD) system buttons



### 2. Tape deck (TAPE) system buttons



### 3. Tuner system buttons



- SHIFT : Switch preset channel range
- CHANNEL : Preset channel
- + , - : up/down
- TUNING : Frequency
- + , - : up/down
- BAND : Switch between the AM and FM bands
- MODE : Switch between auto and mono
- MEMORY : Preset memory

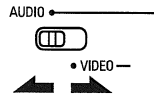
#### NOTE:

- TUNER can be operated when the switch is at "AUDIO" position.

## Preset memory

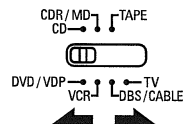
DENON and other makes of components can be operated by setting the preset memory. This remote control unit can be used to operate components of other manufacturers without using the learning function by registering the manufacturer of the component as shown on the List of Preset Codes (pages 122~126). Operation is not possible for some models.

- 1 Set mode switch 1 to "AUDIO" or "VIDEO".



Set the AUDIO side for the CD, Tape deck or CDR/MD position, to the VIDEO side for the DVD/VDP, DBS/CABLE, VCR or TV position.

- 2 Set mode switch 2 to the component to be registered.

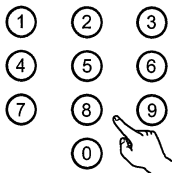


- 3 Press the ON/SOURCE button and the OFF button at the same time.

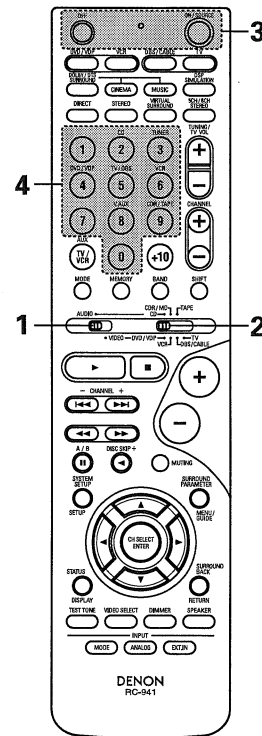


• Indicator flash.

- 4 Referring to the included List of Preset Codes, use the number buttons to input the preset code (a 3-digit number) for the manufacturer of the component whose signals you want to store in the memory.



- 5 To store the codes of another component in the memory, repeat steps 1 to 4.



### NOTES:

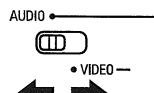
- The signals for the pressed buttons are emitted while setting the preset memory. To avoid accidental operation, cover the remote control unit's transmitting window while setting the preset memory.
- Depending on the model and year of manufacture, this function cannot be used for some models, even if they are of makes listed on the included list of preset codes.
- Some manufacturers use more than one type of remote control code. Refer to the included list of preset codes to change the number and check.
- **The preset memory can be set for one component only among the following: CDR/MD, DVD/VDP and DBS/CABLE.**

The preset codes are as follows upon shipment from the factory and after resetting:

TV, VCR.....HITACHI  
 CD, TAPE.....DENON  
 CDR/MD.....DENON (CDR)  
 DVD/VDP.....DENON (DVD)  
 DBS/CABLE.....ABC (CABLE)

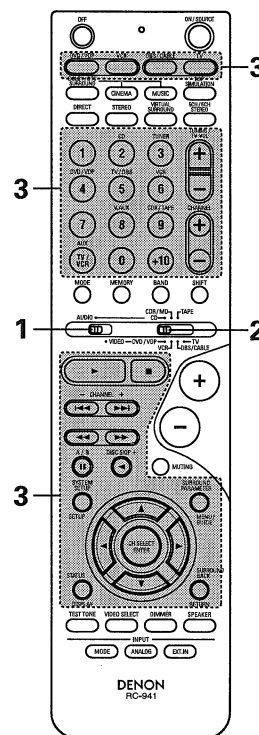
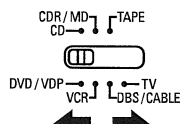
# Operating component stored in the preset memory

- 1 Set mode switch 1 to "AUDIO" or "VIDEO".



Set the AUDIO side for the CD, tape deck or CDR/MD position, to the VIDEO side for the DVD/VDP, DBS/CABLE, VCR or TV position.

- 2 Set mode switch 2 to the component you want to operate.



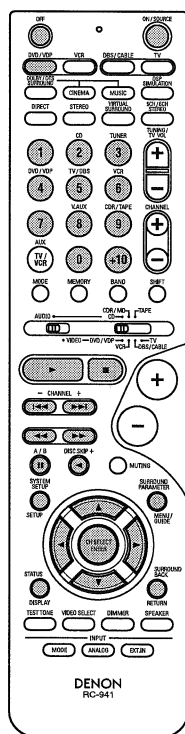
- 3 Operate the component.
  - For details, refer to the component's operating instructions.
  - ※ Some models cannot be operated with this remote control unit.

## 1. Digital video disc player (DVD, DVD SETUP) system buttons

- POWER : Power on/standby  
(ON/SOURCE)
- OFF : DENON DVD power off
- ◀▶ : Manual search  
(forward and reverse)
- : Stop
- ▶ : Play
- ◀▶▶ : Auto search  
(to beginning of track)
- ⏸ : Pause
- 0 ~ 9, +10 : 10 key
- skip + : Disc skip  
(for DVD changer only)
- DISPLAY : Switch display
- MENU : Menu
- RETURN : Return
- SETUP : Setup
- ▲, ▼, ◀, ▶ : Cursor up, down, left  
and right
- ENTER : Enter setting

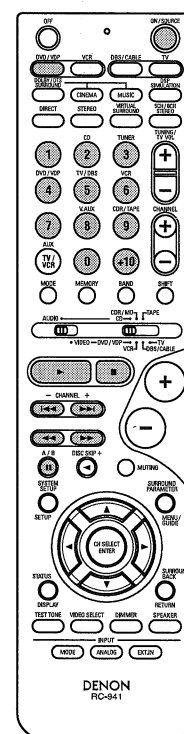
### NOTE:

- Some manufacturers use different names for the DVD remote control buttons, so also refer to the instructions on remote control for that component.



## 2. Video disc player (VDP) system buttons

- POWER : Power on/standby  
(ON/SOURCE)
- ◀▶ : Manual search  
(forward and reverse)
- : Stop
- ▶ : Play
- ◀▶▶ : Auto search (cue)
- ⏸ : Pause
- 0 ~ 9, +10 : 10 key



### 3. Video deck (VCR) system buttons

POWER : Power on/standby  
(ON/SOURCE)

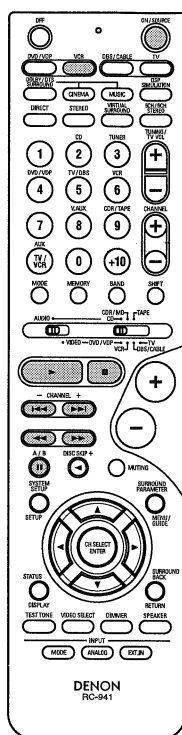
◀◀, ▶▶ : Manual search  
(forward and reverse)

■ : Stop

▶ : Play

|| : Pause

Channel +, - : Channels



**4. Digital broadcast satellite (DBS) tuner and cable (CABLE) system buttons**

POWER : Power on/standby  
(ON/SOURCE)

MENU : Menu

RETURN : Return

▲, ▼, ◀, ▶ : Cursor up, down, left and right

ENTER : Enter

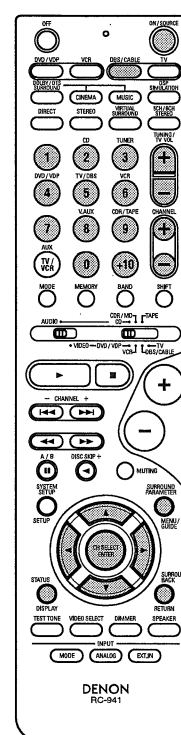
CHANNEL : Switch channels

+ -

0~9, +10 : Channels

DISPLAY : Switch display

VOL +, - : Volume up/down



### 5. Monitor TV (TV) system buttons

·POWER : Power on/standby  
(ON/SOURCE)

MENU : Menu

RETURN : Return

▲, ▼, ◀, ▶ : Cursor up, down, left and right

ENTER : Enter

CHANNEL : Switch channels

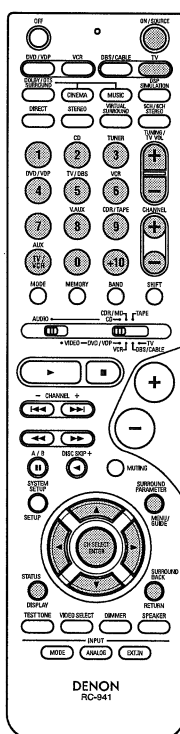
+,-

0~9, +10 : Channels

DISPLAY : Switch display

TV/VCR : Switch between  
and video player

TV VOL : Volume up/down

 $+, -$ 

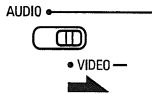
**NOTES:**

- For this CD, CDR, MD and TAPE components, buttons can be operated in the same way as for Denon audio components (page 27).
- The TV can be operated when the switch is at DVD/VDP, VCR, TV position.

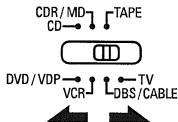
Punch Through

- “Punch Through” is a function allowing you to operate the PLAY, STOP, MANUAL SEARCH and AUTO SEARCH buttons on the CD, TAPE, CDR/MD, DVD/VDP or VCR components when in the DBS/CABLE or TV mode. By default, nothing is set.

1 Set mode switch 1 to “VIDEO”.



2 Set mode switch 2 to the component to be registered (DBS/CABLE or TV).



3 Press the DVD/VDP power button and the TV power button at the same time.



- Indicator flash.

4 Input the number of the component you want to set. (See Table 1)

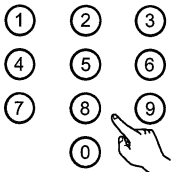
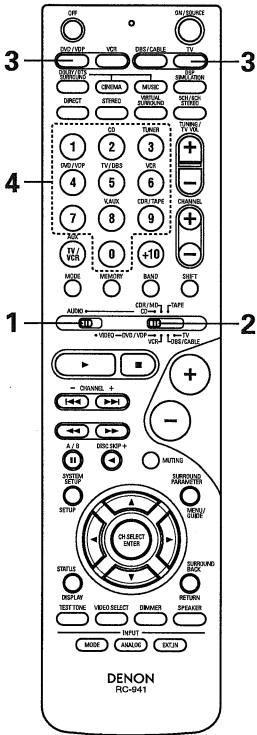


Table 1

|            | No. |
|------------|-----|
| CD         | 1   |
| TAPE       | 2   |
| CDR/MD     | 3   |
| DVD/VDP    | 4   |
| VCR        | 5   |
| No setting | 0   |



# LIST OF PRESET CODES / LISTE DE CODES PRÉRÉGLÉS

## DVD

|            |                    |
|------------|--------------------|
| Denon      | 014, *[111]        |
| Aiwa       | 009                |
| Hitachi    | 010                |
| JVC        | 006, 011           |
| Konka      | 012, 013           |
| Magnavox   | 005                |
| Mitsubishi | 004                |
| Panasonic  | 014                |
| Philips    | 005, 015, 016, 017 |
| Pioneer    | 003, 008           |
| Sanyo      | 018                |
| Sony       | 002, 019, 020      |
| Toshiba    | 001, 021, 022      |
| Zenith     | 023                |

## VDP

|            |                    |
|------------|--------------------|
| Denon      | 028, 029, 112      |
| Magnavox   | 026                |
| Mitsubishi | 028                |
| Panasonic  | 029, 030           |
| Philips    | 026                |
| Pioneer    | 028, 031           |
| RCA        | 032                |
| Sony       | 033, 034, 035, 036 |

## VCR

|               |                                   |
|---------------|-----------------------------------|
| Admiral       | 081                               |
| Aiko          | 095                               |
| Aiwa          | 009                               |
| Akai          | 026, 027, 070, 072, 082, 083, 084 |
| Alba          | 055                               |
| Amstrad       | 009                               |
| ASA           | 042                               |
| Asha          | 087                               |
| Audio Dynamic | 005, 085                          |
| Audiovox      | 088                               |
| Beaumarck     | 087                               |
| Broksonic     | 086, 093                          |
| Calix         | 088                               |
| Candle        | 006, 087, 088, 089, 090           |
| Canon         | 049, 057                          |
| Capehart      | 025, 055, 056, 071                |
| Carver        | 015                               |
| CCE           | 095                               |
| Citizen       | 006, 007, 087, 088, 089, 090, 095 |
| Craig         | 007, 087, 088, 091, 115           |
| Curtis Mathes | 006, 049, 073, 080, 087, 090, 092 |

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Cybernex        | 087                                                                            |
| Daewoo          | 025, 055, 059, 074, 089, 093, 095, 096                                         |
| Daytron         | 025, 055                                                                       |
| DBX             | 005, 085                                                                       |
| Dumont          | 053                                                                            |
| Dynatech        | 009                                                                            |
| Electrohome     | 001, 088, 097                                                                  |
| Electroponic    | 088                                                                            |
| Emerson         | 001, 009, 017, 027, 086, 088, 089, 092, 093, 097, 100, 101, 102, 103, 104, 117 |
| Fisher          | 009, 028, 031, 053, 054, 091, 099, 115                                         |
| GE              | 007, 011, 049, 050, 051, 052, 073, 080, 087                                    |
| Go Video        | 047, 048                                                                       |
| Goldstar        | 000, 006, 012, 062, 088                                                        |
| Gradiente       | 094                                                                            |
| Grundig         | 042                                                                            |
| Harley Davidson | 094                                                                            |
| Harman Kardon   | 040, 062                                                                       |
| Hi-Q            | 091                                                                            |
| Hitachi         | 009, 013, 023, 026, 058, *[108], 109, 110, 111                                 |
| JC Penny        | 004, 005, 007, 023, 028, 049, 062, 085, 087, 088                               |
| Jensen          | 013, 026                                                                       |
| JVC             | 004, 005, 006, 026, 029, 043, 044, 045, 046, 085                               |
| Kenwood         | 004, 005, 006, 026, 029, 033, 045, 085, 090                                    |
| Kodak           | 088                                                                            |
| Lloyd           | 009, 094                                                                       |
| LXI             | 088                                                                            |
| Magnavox        | 015, 016, 042, 049, 063, 106                                                   |
| Magnin          | 087                                                                            |
| Marantz         | 004, 005, 006, 015, 042, 049, 085, 090                                         |
| Marta           | 088                                                                            |
| MEI             | 049                                                                            |
| Memorex         | 009, 033, 049, 053, 060, 081, 087, 088, 091, 094, 115                          |
| Metz            | 123, 124, 125, 126, 127, 128                                                   |
| MGA             | 001, 017, 027, 041, 097                                                        |
| MGN Technology  | 087                                                                            |
| Midland         | 011                                                                            |

|                 |                                                                    |
|-----------------|--------------------------------------------------------------------|
| Minolta         | 013, 023                                                           |
| Mitsubishi      | 001, 003, 008, 013, 014, 017, 027,<br>029, 039, 040, 041, 045, 097 |
| Motorola        | 081                                                                |
| Montgomery Ward | 001, 002, 007, 009, 049, 063, 081,<br>115, 117                     |
| MTC             | 009, 087, 094                                                      |
| Multitech       | 007, 009, 011, 087, 090, 094                                       |
| NAD             | 038                                                                |
| NEC             | 004, 005, 006, 018, 026, 029, 045,<br>061, 062, 085                |
| Nikko           | 088                                                                |
| Noblex          | 087                                                                |
| Optimus         | 081, 088                                                           |
| Optonica        | 021                                                                |
| Panasonic       | 024, 049, 064, 066, 067, 068, 069,<br>107                          |
| Perdio          | 009                                                                |
| Pentax          | 009, 013, 023, 058, 090                                            |
| Philco          | 015, 016, 049                                                      |
| Philips         | 015, 021, 042, 049, 105                                            |
| Pilot           | 088                                                                |
| Pioneer         | 005, 013, 029, 036, 037, 038, 045,<br>085                          |
| Portland        | 025, 055, 090                                                      |
| Proscan         | 063, 080                                                           |
| Pulsar          | 060                                                                |
| Quartz          | 033                                                                |
| Quasar          | 034, 035, 049                                                      |
| Radio Shack     | 001, 002, 021, 081, 087, 088, 091,<br>094, 097, 098, 115           |
| Radix           | 088                                                                |
| Randex          | 088                                                                |
| RCA             | 007, 013, 019, 023, 058, 063, 064,<br>065, 073, 080, 082, 087      |
| Realistic       | 009, 021, 031, 033, 049, 053, 081,<br>087, 088, 091, 094, 097, 098 |
| Ricoh           | 055                                                                |
| Salora          | 033, 041                                                           |
| Samsung         | 007, 011, 051, 059, 070, 083, 087,<br>089, 113                     |
| Sanky           | 081                                                                |
| Sansui          | 005, 026, 029, 045, 061, 085, 114                                  |
| Sanyo           | 032, 033, 053, 087, 091, 115, 116                                  |
| SBR             | 042                                                                |
| Scott           | 017, 020, 086, 089, 093, 117                                       |
| Sears           | 013, 023, 028, 031, 033, 053, 054,<br>088, 091, 098, 099, 115      |
| Sentra          | 055                                                                |
| Sharp           | 001, 002, 021, 097                                                 |

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Shogun           | 087                                                           |
| Sony             | 075, 076, 077, 078, 079, 121, 122                             |
| STS              | 023                                                           |
| Sylvania         | 009, 015, 016, 017, 041, 049, 094                             |
| Symphonic        | 009, 094                                                      |
| Tandy            | 009                                                           |
| Tashiko          | 009, 088                                                      |
| Tatung           | 004, 026, 030                                                 |
| Teac             | 004, 009, 026, 094                                            |
| Technics         | 024, 049                                                      |
| Teknika          | 009, 010, 022, 049, 088, 094                                  |
| TMK              | 087, 092                                                      |
| Toshiba          | 013, 017, 020, 041, 059, 089, 098,<br>099, 117                |
| Totevision       | 007, 087, 088                                                 |
| Unirech          | 087                                                           |
| Vectror Research | 005, 062, 085, 089, 090                                       |
| Victor           | 005, 045, 046, 085                                            |
| Video Concepts   | 005, 027, 085, 089, 090                                       |
| Videosonic       | 007, 087                                                      |
| Wards            | 013, 021, 023, 087, 088, 089, 091,<br>094, 097, 118, 119, 120 |
| XR-1000          | 094                                                           |
| Yamaha           | 004, 005, 006, 026, 062, 085                                  |
| Zenith           | 060, 078, 079                                                 |

## TV

|               |                                                |
|---------------|------------------------------------------------|
| Admiral       | 045, 121                                       |
| Adventura     | 122                                            |
| Aiko          | 054                                            |
| Akai          | 016, 027, 046                                  |
| Alleron       | 062                                            |
| A-Mark        | 007                                            |
| Amtron        | 061                                            |
| Anam          | 006, 007, 036                                  |
| Anam National | 061, 147                                       |
| AOC           | 003, 007, 033, 038, 039, 047, 048,<br>049, 133 |
| Archer        | 007                                            |
| Audiovox      | 007, 061                                       |
| Bauer         | 155                                            |
| Belcor        | 047                                            |
| Bell & Howell | 045, 118                                       |
| Bradford      | 061                                            |
| Brockwood     | 003, 047                                       |
| Candle        | 003, 030, 031, 032, 038, 047, 049,<br>050, 122 |
| Capehart      | 003                                            |
| Celebrity     | 046                                            |

|                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
| Circuit City   | 003                                                                                            |
| Citizen        | 029, 030, 031, 032, 034, 038, 047,<br>049, 050, 054, 061, 095, 122, 123                        |
| Concerto       | 031, 047, 049                                                                                  |
| Colortyme      | 003, 047, 049, 135                                                                             |
| Contec         | 013, 051, 052, 061                                                                             |
| Cony           | 051, 052, 061                                                                                  |
| Craig          | 004, 061                                                                                       |
| Crown          | 029                                                                                            |
| Curtis Mathes  | 029, 034, 038, 044, 047, 049, 053,<br>095, 118                                                 |
| Daewoo         | 027, 029, 039, 048, 049, 054, 055,<br>106, 107, 137                                            |
| Daytron        | 003, 049                                                                                       |
| Dimensia       | 044                                                                                            |
| Dixi           | 007, 015, 027                                                                                  |
| Electroband    | 046                                                                                            |
| Electrohome    | 029, 056, 057, 058, 147                                                                        |
| Elta           | 027                                                                                            |
| Emerson        | 029, 051, 059, 060, 061, 062, 118,<br>123, 124, 139, 148                                       |
| Envision       | 038                                                                                            |
| Etron          | 027                                                                                            |
| Fisher         | 014, 021, 063, 064, 065, 118                                                                   |
| Formenti       | 155                                                                                            |
| Fortress       | 012                                                                                            |
| Fujitsu        | 004, 062                                                                                       |
| Funai          | 004, 062                                                                                       |
| Futuretech     | 004                                                                                            |
| GE             | 020, 036, 037, 040, 044, 058, 066,<br>088, 119, 120, 125, 147                                  |
| Goldstar       | 000, 015, 029, 031, 039, 048, 051,<br>056, 057, 067, 068, 069, 116                             |
| Grundy         | 062                                                                                            |
| Hitachi        | 029, 031, 051, 052, 070, 111, 112,<br>113, 124, *[134]                                         |
| Hitachi Pay TV | 151                                                                                            |
| Infinity       | 017, 071                                                                                       |
| Janeil         | 122                                                                                            |
| JBL            | 017, 071                                                                                       |
| JC Penny       | 020, 034, 039, 040, 041, 044, 048,<br>050, 058, 066, 069, 076, 088, 090,<br>095, 125, 136, 159 |
| JCB            | 046                                                                                            |
| JVC            | 019, 051, 052, 072, 073, 091, 117,<br>126                                                      |
| Kawasho        | 018, 046                                                                                       |
| Kenwood        | 038, 056, 057                                                                                  |
| Kloss          | 010, 032                                                                                       |
| Kloss Novabeam | 005, 122, 127, 131                                                                             |

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| KTV               | 074, 123                                                                                                 |
| Loewe             | 071                                                                                                      |
| Logik             | 144                                                                                                      |
| Luxman            | 031                                                                                                      |
| LXI               | 008, 014, 017, 024, 040, 044, 063,<br>071, 075, 076, 077, 118, 125                                       |
| Magnavox          | 005, 010, 017, 030, 033, 038, 050,<br>056, 071, 078, 079, 085, 089, 108,<br>109, 110, 127, 131, 132, 145 |
| Marantz           | 015, 017, 071, 080                                                                                       |
| Matsui            | 027                                                                                                      |
| Memorex           | 014, 027, 045, 083, 118, 144                                                                             |
| Metz              | 160, 161, 162, 163                                                                                       |
| MGA               | 001, 039, 048, 056, 057, 058, 065,<br>081, 083                                                           |
| Midland           | 125                                                                                                      |
| Minutz            | 066                                                                                                      |
| Mitsubishi        | 001, 016, 039, 048, 056, 057, 058,<br>065, 081, 082, 083, 105                                            |
| Montgomery Ward   | 011, 020, 144, 145, 146                                                                                  |
| Motorola          | 121, 147                                                                                                 |
| MTC               | 031, 034, 039, 048, 095                                                                                  |
| NAD               | 008, 075, 076, 128                                                                                       |
| National          | 002, 036, 061, 147                                                                                       |
| National Quenties | 002                                                                                                      |
| NEC               | 031, 038, 039, 048, 057, 084, 086,<br>135, 147                                                           |
| Nikko             | 054                                                                                                      |
| NTC               | 054                                                                                                      |
| Optimus           | 128                                                                                                      |
| Optonica          | 011, 012, 093, 121                                                                                       |
| Orion             | 004, 139                                                                                                 |
| Panasonic         | 002, 009, 017, 036, 037, 071, 141,<br>143, 147                                                           |
| Philco            | 005, 010, 030, 050, 051, 056, 079,<br>085, 127, 131, 132, 145, 147                                       |
| Philips           | 005, 015, 017, 050, 051, 056, 078,<br>087, 088, 089, 131, 132, 147                                       |
| Pioneer           | 124, 128, 142                                                                                            |
| Portland          | 054                                                                                                      |
| Price Club        | 095                                                                                                      |
| Proscan           | 040, 044, 125                                                                                            |
| Proton            | 035, 051, 092, 129                                                                                       |
| Pulsar            | 042                                                                                                      |
| Quasar            | 036, 037, 074, 141                                                                                       |
| Radio Shack       | 011, 044, 063, 093, 118                                                                                  |
| RCA               | 040, 044, 125, 130, 137, 151, 152                                                                        |
| Realistic         | 014, 063, 093, 118                                                                                       |
| Saisho            | 027                                                                                                      |

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| Samsung        | 003, 015, 034, 053, 055, 057, 094, 095, 136, 153                                                        |
| Sansui         | 139                                                                                                     |
| Sanyo          | 013, 014, 021, 022, 063, 064, 081, 096                                                                  |
| SBR            | 015                                                                                                     |
| Schneider      | 015                                                                                                     |
| Scott          | 062                                                                                                     |
| Sears          | 008, 014, 021, 022, 023, 024, 025, 040, 052, 057, 062, 063, 064, 065, 073, 075, 076, 097, 098, 125, 159 |
| Sharp          | 011, 012, 013, 026, 093, 099, 100, 104, 121                                                             |
| Siemens        | 013                                                                                                     |
| Signature      | 045, 144                                                                                                |
| Simpson        | 050                                                                                                     |
| Sony           | 043, 046, 138, 146, 150                                                                                 |
| Soundesign     | 030, 050, 062                                                                                           |
| Spectricon     | 007, 033                                                                                                |
| Squareview     | 004                                                                                                     |
| Supre-Macy     | 032, 122                                                                                                |
| Supreme        | 046                                                                                                     |
| Sylvania       | 005, 010, 017, 030, 078, 079, 085, 089, 101, 127, 131, 132, 145, 155                                    |
| Symphonic      | 004, 148                                                                                                |
| Tandy          | 012, 121                                                                                                |
| Tatung         | 036, 124                                                                                                |
| Technics       | 037                                                                                                     |
| Teknika        | 001, 030, 032, 034, 052, 054, 078, 083, 095, 144, 156, 157                                              |
| Tera           | 035, 129                                                                                                |
| Toshiba        | 008, 014, 034, 063, 075, 076, 095, 097, 136, 158, 159                                                   |
| Universal      | 020, 066, 088                                                                                           |
| Victor         | 019, 073, 126                                                                                           |
| Video Concepts | 016                                                                                                     |
| Viking         | 032, 122                                                                                                |
| Wards          | 005, 045, 066, 078, 085, 088, 089, 093, 102, 103, 131, 132, 148                                         |
| Zenith         | 042, 114, 115, 140, 144, 149                                                                            |
| Zonda          | 007                                                                                                     |

## CABLE

|              |                       |
|--------------|-----------------------|
| ABC          | 006, *[007], 008, 009 |
| Archer       | 010, 011              |
| Century      | 011                   |
| Citizen      | 011                   |
| Colour Voice | 012, 013              |
| Comtronic    | 014                   |

|                    |                         |
|--------------------|-------------------------|
| Eastern            | 015                     |
| Garrard            | 011                     |
| Gemini             | 030, 033, 034           |
| General Instrument | 030, 031, 032           |
| Hytex              | 006                     |
| Jasco              | 011                     |
| Jerrold            | 009, 016, 017, 026, 032 |
| Magnavox           | 018                     |
| Movie Time         | 019                     |
| NSC                | 019                     |
| Oak                | 000, 006, 020           |
| Panasonic          | 001, 005                |
| Philips            | 011, 012, 013, 018, 021 |
| Pioneer            | 002, 003, 022           |
| RCA                | 029                     |
| Regency            | 015                     |
| Samsung            | 014, 023                |
| Scientific Atlanta | 004, 024, 025           |
| Signal             | 014                     |
| SL Marx            | 014                     |
| Starcom            | 009                     |
| Stargate           | 014                     |
| Televue            | 014                     |
| Tocom              | 007, 016                |
| TV86               | 019                     |
| Unika              | 011                     |
| United Artists     | 006                     |
| Universal          | 010, 011                |
| Viewstar           | 018, 019                |
| Zenith             | 027, 028                |

## DBS (SATELLITE)

|                     |                         |
|---------------------|-------------------------|
| Alphastar           | 054                     |
| Chaparral           | 035, 036                |
| Dishnet             | 053                     |
| Drake               | 037, 038                |
| Echostar Dish       | 062, 066                |
| GE                  | 048, 055, 056           |
| General Instruments | 039, 040, 041           |
| Grundig             | 070, 071, 072, 073      |
| Hitachi             | 058, 059                |
| Hughes Network      | 063, 064, 065, 069      |
| JVC                 | 057                     |
| Kathrein            | 074, 075, 076, 083      |
| Magnavox            | 060                     |
| Nokia               | 070, 080, 084, 085, 086 |
| Philips             | 060                     |
| Primestar           | 051                     |
| Proscan             | 048, 055, 056           |

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| RCA        | 048, 055, 056, 068      |
| Realistic  | 042                     |
| Sierra I   | 036                     |
| Sierra II  | 036                     |
| Sierra III | 036                     |
| Sony       | 049, 067                |
| STS1       | 043                     |
| STS2       | 044                     |
| STS3       | 045                     |
| SRS4       | 046                     |
| Technisat  | 077, 078, 079, 081, 082 |
| Toshiba    | 047, 050                |
| Uniden     | 061                     |

## CD

|          |                         |
|----------|-------------------------|
| Denon    | <b>*[111]</b>           |
| Aiwa     | 001, 035, 043           |
| Burmster | 002                     |
| Carver   | 003, 035                |
| Emerson  | 004, 005, 006, 007      |
| Fisher   | 003, 008, 009, 010      |
| JVC      | 018, 019                |
| Kenwood  | 011, 012, 013, 014, 017 |
| Magnavox | 006, 015, 035           |
| Marantz  | 016, 028, 035           |
| MCS      | 016, 024                |
| Onkyo    | 025, 027                |
| Optimus  | 017, 020, 021, 022, 023 |
| Philips  | 014, 032, 033, 035      |
| Pioneer  | 006, 022, 030           |
| Sears    | 006                     |
| Sony     | 023, 031                |
| Teac     | 002, 009, 028           |
| Technics | 016, 029, 036           |
| Wards    | 035, 037                |
| Yamaha   | 038, 039, 040, 041      |
| Zenith   | 042                     |

## CDR

|         |                    |
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| Denon   | <b>*[111], 112</b> |
| Philips | 112                |

## MD

|         |          |
|---------|----------|
| Denon   | 113      |
| Kenwood | 003, 004 |
| Onkyo   | 007      |
| Sharp   | 005      |
| Sony    | 006      |

## TAPE

|               |               |
|---------------|---------------|
| Denon         | <b>*[111]</b> |
| Aiwa          | 001, 002      |
| Carver        | 002           |
| Harman/Kardon | 002, 003      |
| JVC           | 004, 005      |
| Kenwood       | 006           |
| Magnavox      | 002           |
| Marantz       | 002           |
| Onkyo         | 016, 018      |
| Optimus       | 007, 008      |
| Panasonic     | 012           |
| Philips       | 002           |
| Pioneer       | 007, 008, 009 |
| Sony          | 013, 014, 015 |
| Technics      | 012           |
| Victor        | 004           |
| Wards         | 007           |
| Yamaha        | 010, 011      |

**\*[ ]** : Preset codes set upon shipment from the factory.

**\*[ ]** : Les codes préréglés diffèrent en fonction des livraisons de l'usine.

| DVD preset codes<br>Codes préréglés DVD    | 111                                                                                                                             | 014                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>DENON</b><br>Model No.<br>Modèle numéro | DVD-700<br>DVD-900<br>DVD-910<br>DVD-1000<br>DVD-1200<br>DVD-1400<br>DVD-2800<br>DVD-2800II<br>DVD-2900<br>DVD-3800<br>DVM-1800 | DVD-800<br>DVD-1600<br>DVD-2000<br>DVD-2500<br>DVD-3000<br>DVD-3300 |