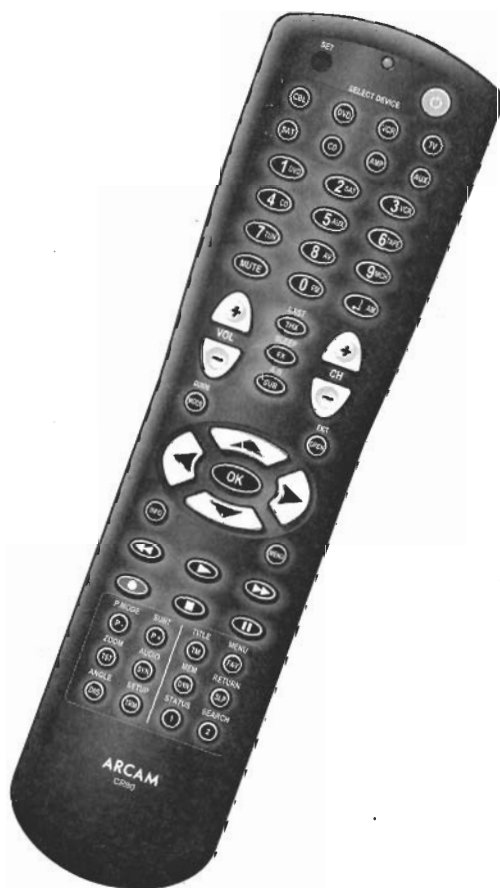


# ARCAM

- CR80 Universal Remote ..... p.2
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## INTRODUCTION

The ARCAM CR80 is the complete solution for all of your remote control requirements. It is designed to operate up to eight devices with the emphasis on features and functions of Arcam components.

The ARCAM CR80 is also customizable to allow for key configurations that meet your specific needs. It's also packed with the following features:

- Preprogrammed technology for easy setup
- Designed for use with up to eight devices
- Inclusive audio library
- Upgradability
- Backlighting
- Learning capability

This manual provides a basic overview on how to set up and operate the ARCAM CR80. Please read the following instructions to see how easy setup is.

- The CR80 remote control is custom manufactured for Arcam by Universal Electronics, Inc.

## INSTALLING BATTERIES

- 1 On the back of the ARCAM CR80, push the tab and lift off the battery cover.
- 2 Obtain two (2) fully-charged AA alkaline batteries. Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the new batteries.
- 3 Press the battery cover back into place. The tab should click when the cover is locked.
- 4 Test the unit by pressing PWR and any device key (e.g., AUX, CBL, VCR, etc.). If the batteries are inserted correctly, the LED will blink once upon each keypress.

**NOTE:** When batteries need replacement, the ARCAM CR80 will blink twice with every keypress. Simply replace them and the remote control will be restored to its full functionality, including favorite settings.

## FEATURES AND FUNCTIONS

### Basic Operation

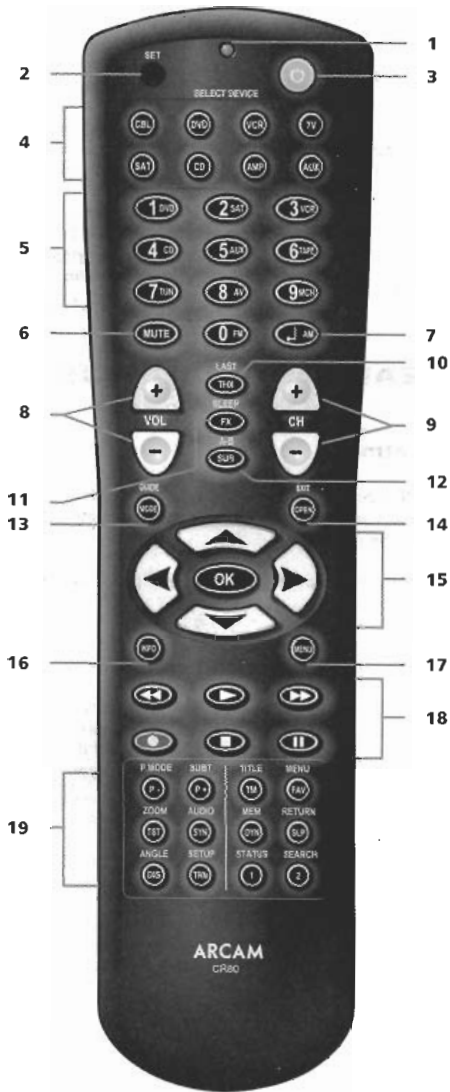
The Arcam CR80 is pre-programmed to operate Arcam amplifiers, DVD players, CD players and AM/FM tuners. For full operating details, please read the rest of the manual.

To control an AV component, first press the relevant key in the SELECT DEVICE area of the remote.

In addition, this remote control contains a library of remote codes for other manufacturers of AV system components, listed in the back of this manual.

The CR80 also has the capability of learning remote functions that are not available in the code library. In order to make best use of the limited memory available for learning, we strongly recommend that you use the library codes where possible for your non-Arcam components, and then learn new codes for non-library components.

## Controlling AV Components, General Use



- 1 The LED (red light) blinks to show that the remote control is working and is sending signals.
- 2 Use SET for all programming sequences.
- 3 Press PWR once to turn on or off the selected home entertainment component.
- 4 Press CBL, DVD, VCR, TV, SAT, CD, AMP, or AUX in the "Select Device" section once to select a home entertainment component to control.
- 5 Use the keypad (0 ~ 9) to directly select channels (for example, 09 or 31), except for the AMP mode, since these keys select the input of the amplifier.
- 6 Press MUTE once to turn the sound off or on.
- 7 Press ENTER once after entering channel numbers on some TV models.
- 8 Use VOL + (or VOL -) to raise (or lower) the audio volume.
- 9 Use CH + (or CH -) to select the next higher (or lower) channel, or for next (or previous) track.
- 10 Press LAST once to recall the last channel and to page back one screen in the main menu.
- 11 Press SLEEP to activate your TV or AV component's sleep timer. On some TV's you may have to operate Sleptimer in another way, through Menu for example.
- 12 Press A-B once to select this function on your chosen component. For programmed devices this key actions an INPUT command.
- 13 Use GUIDE to display the program guide.
- 14 Use EXIT to exit out of the selected component's menu or guide. Use the cursor keys to move the cursor in the program guide and menu screens.
- 15 Use UP, DOWN, LEFT, RIGHT for menu navigation and OK to choose options from your selected component's menu or guide.
- 16 Use INFO to display current channel and program information.
- 17 Press MENU to access the menu of your chosen component.
- 18 Use the transport keys to control your VCR, or CD or DVD player.
- 19 Use these keys for specific features on your dedicated components.

## Controlling ARCAM AV Components

### AMP - ARCAM AMPLIFIERS

The CR80 controls all the functions of the AVR100, AVR200 and AV8 model AV amplifiers and most of the functions of ARCAM stereo amplifiers. Refer to the Arcam amplifier product manual for details of each function.

**AVR200 and AVR100 Models**, the following keys are active;

- Standby
- Source selection buttons on the numeric keys (note that the 5.1 input is accessed using the AV key)
- Volume +/-
- Mute
- Mode
- Info
- Cursor and OK keys
- P-, P+ (Preset - / +)
- TM (Tuner Mode)
- TST (Test Tone)
- DYN (Dynamic Range)
- SLP (Sleep)
- TRM (Trim)

**AV8 Model:** Refer to the handbook for information and use.

Major control functions for the ARCAM DVD players are also available on the remaining keys, e.g. Play, Stop etc.

### DVD - ARCAM DVD Players (type DV88, DV27)

All ARCAM DVD commands with exception of slow reverse play are available on this device page. Refer to your DVD player manual for details of operation. All keys are labeled for DVD functions except the following;

- Enter/AM = Repeat
- Last = Slow forward, press Play to exit
- Sleep = Clear
- CH+ = Next
- CH- = Previous
- Mode = Program
- Info = Display

The DVD functions of the bottom 12 keys are labeled above the keys.

### CD - ARCAM CD Players

All the primary ARCAM CD commands are available on this device page. Refer to your CD player manual for details of operation. All keys are labeled for CD functions except the following;

- Enter/AM = Repeat
- Last = Random
- Sleep = Clear
- CH+ = Next
- CH- = Previous
- Mode = Program
- Info = Display

### AUX - ARCAM AM/FM Tuners

All current Arcam AM/FM tuner commands are available on this page. Refer to your tuner manual for details of operation. The keys operate as follows;

- 1-8 = Use for presets 1-8, and for models T51, T21: presets 9-16 when held down
- SUB = Band change
- CH+ = Next preset
- CH- = Previous preset
- Mode = Mono/Stereo

**NOTE:** the Arcam Amplifier AV8 Zone 2, system code 19 can be controlled from the AUX mode by entering the device code which is specified in the back of the manual.

## PROGRAMMING OTHER COMPONENTS

The ARCAM CR80 can control up to eight different components. Perform the following instructions for each component you want controlled:

- 1 Turn on a component (e.g. VCR) and, if applicable, insert media (e.g., cassette or disc).

**NOTE:** Please read steps 2-4 completely before proceeding. We recommend highlighting or writing down the codes and device you wish to program before moving onto step 2.

- 2 On the ARCAM CR80, press a component key once (i.e., **CBL, DVD, VCR, TV, SAT, CD, or AUX**). This feature is not applicable for the AMP key because it has only one dedicated code in this mode for Arcam amplifiers.
- 3 Press and hold **SET** until the LED blinks twice, then release SET.
- 4 Use the Manufacturer's Codes (in the back of the manual, page 24 - 27) to locate the type of component and brand name and then enter the first four-digit code for your component. If performed correctly, the LED will blink twice.

**NOTE:** If the LED did not blink twice, then repeat steps 2 through 4 and try entering the same code again.

- 5 Aim the ARCAM CR80 at the component and press **PWR** once. It should turn off. If it does not respond, repeat steps 2-4, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see Searching For Your Code).

**NOTE:** If the device does not have a PWR key, press **PLAY**.

- 6 Repeat steps 1 through 4 for each component you want the ARCAM CR80 to control.

**NOTE:** If you want the Arcam AV8 zone 2, system code 19 function, then this device must be setup under the AUX key only.

## SEARCHING FOR YOUR CODE

If your device does not respond to the ARCAM CR80 after trying all codes listed for your brand, or if your brand is not listed at all, try searching for your code.

For example, to search for a code for your TV:

- 1 On the ARCAM CR80, press **TV** once.
  - 2 Press and hold **SET** until the LED blinks twice, then release SET.
  - 3 Enter **9 - 9 - 1**. The LED will blink twice.
  - 4 Aim the remote control at the TV and slowly alternate between pressing **PWR** and **TV**. Stop when the TV turns off.
- NOTE:** In the search mode, the ARCAM CR80 will send IR codes from its library to the selected device, starting with the most popular code first.
- 5 Press **SET** once to lock in the code.
  - 6 To search for the codes of your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., **CBL, DVD, VCR, TV, SAT, CD, or AUX**) for the (Cable, VCR, Satellite, CD or Tuner) component you are searching for.

**NOTE:** This feature is not applicable for the AMP key because it has only one dedicated code in this mode which controls the Arcam AVR200, AVR 100 and AV8.

### CAUTION

**Do not use the reset commands for other Universal Electronics remote controls on the CR80. Resets will permanently delete key functions in the lower section of the remote, and the warranty on this remote control will be invalidated.**

## LEARNING A FUNCTION

The ARCAM CR80 can be setup to learn a function from an original remote. To optimize success, the learning feature should be conducted in an area where there is a low level of IR emission. High levels of "natural light" or energy efficient fluorescent lights could interfere with a learning event.

Example: To learn the "mono/stereo" function from your original TV remote control onto the MODE(GUIDE)-key of your ARCAM CR80.

- 1 **Place the ARCAM CR80 and your original remote control on a flat surface. Make sure the ends which you normally point at your device are facing each other. Keep the remotes at a distance of 1 to 2 inches (2 to 5 cm).**
- 2 On the ARCAM CR80; **Press and hold the SET key** until the LED blinks twice. The LED will blink once then twice.
- 3 Press **9 - 7 - 5** (the LED blinks twice).
- 4 Press the **device key** on the ARCAM CR80 remote to select the mode to which you want to copy the learned function (**Example: TV key**).
- 5 Press the key on the ARCAM CR80 remote where you want to place the learned function (**Example: MODE(GUIDE)-key**). The LED will flash rapidly.
- 6 **Press and hold** the key (on your original remote control) that you want to copy until the LED blinks twice (**Example: mono/stereo key**).
- 7 If you want to copy other functions within the same mode, simply repeat steps 5 until 7 pressing the next key you want to copy by learning (up to limit of memory).
- 8 **To exit the learning mode, press and hold the SET key until the LED blinks twice.**
- 9 To access a learned function, press **SET** then press the appropriate key.

### Deleting a learned function:

To delete a learned function, either overwrite it with a new function on the same key, or use the following sequence:

- 1 On the ARCAM CR80; **Press and hold the SET key** until the LED blinks twice. The LED will blink once then twice.
- 2 Press **9 - 7 - 6** (the LED blinks twice).
- 3 Press the **device key** on the ARCAM CR80 remote to select the mode to which you want to copy the learned function (**Example: TV key**).
- 4 Press the **key** to be deleted.
- 5 Again, press the **key** to be deleted. The LED will blink twice.

## RE-ASSIGNING DEVICE KEYS

The ARCAM CR80 can be set up to control a second TV or VCR, or any combination of eight home entertainment components.

For example, to have the ARCAM CR80 control a TV, a Cable Converter, and two VCRs, you will need to re-assign the unused **AUX** key to operate the second VCR as follows:

- 1 On the ARCAM CR80, press and hold **SET** until the LED blinks twice, then release **SET**.
- 2 Enter **9 - 9 - 2**. The LED will blink twice.
- 3 Press **VCR** once, then press **AUX** once.
- 4 The **AUX** key is now ready to be programmed for your second VCR. See Programming other components.

To re-assign other device keys, repeat steps 1 through 4 by substituting the key sequence from the below chart for the most popular components:

**NOTE:** *this is not applicable for the AMP device.*

### To Re-Assign a Device Key

#### Reassignment:

**TV** as 2nd VCR key:

**TV** as 2nd CBL key:

**TV** as 2nd AUX key:

**TV** as 2nd DVD key:

**TV** as 2nd CD key:

**TV** as 2nd SAT key:

**TV** back to **TV**:

#### Perform:

**SET(\*) - 9 - 9 - 2 - VCR - TV**

**SET(\*) - 9 - 9 - 2 - CBL - TV**

**SET(\*) - 9 - 9 - 2 - AUX - TV**

**SET(\*) - 9 - 9 - 2 - DVD - TV**

**SET(\*) - 9 - 9 - 2 - CD - TV**

**SET(\*) - 9 - 9 - 2 - SAT - TV**

**SET(\*) - 9 - 9 - 2 - TV - TV**

**VCR** as 2nd TV key:

**VCR** as 2nd CBL key:

**VCR** as 2nd AUX key:

**VCR** as 2nd DVD key:

**VCR** as 2nd CD key:

**VCR** as 2nd SAT key:

**VCR** back to **VCR**:

**SET(\*) - 9 - 9 - 2 - TV - VCR**

**SET(\*) - 9 - 9 - 2 - CBL - VCR**

**SET(\*) - 9 - 9 - 2 - AUX - VCR**

**SET(\*) - 9 - 9 - 2 - DVD - VCR**

**SET(\*) - 9 - 9 - 2 - CD - VCR**

**SET(\*) - 9 - 9 - 2 - SAT - VCR**

**SET(\*) - 9 - 9 - 2 - VCR - VCR**

**AUX** as 2nd TV key:

**AUX** as 2nd VCR key:

**AUX** as 2nd CBL key:

**AUX** as 2nd DVD key:

**AUX** as 2nd CD key:

**AUX** as 2nd SAT key:

**AUX** back to **AUX**:

**SET(\*) - 9 - 9 - 2 - TV - AUX**

**SET(\*) - 9 - 9 - 2 - VCR - AUX**

**SET(\*) - 9 - 9 - 2 - CBL - AUX**

**SET(\*) - 9 - 9 - 2 - DVD - AUX**

**SET(\*) - 9 - 9 - 2 - CD - AUX**

**SET(\*) - 9 - 9 - 2 - SAT - AUX**

**SET(\*) - 9 - 9 - 2 - AUX - AUX**

(\* Press and hold **SET** until the LED blinks twice

When a re-assignment is done, the LED will blink twice to confirm your choice. At that time, you will need to program the ARCAM CR80 to control the new component (see Programming other components).

**NOTE:** *this is not applicable for the dedicated AMP device page.*

## CHANGING VOLUME LOCK

The ARCAM CR80 is set to control volume of a component through your TV while in the TV, VCR, Cable, or Satellite mode. However, in an Audio mode (i.e., **DVD**, **AMP**, or **CD**), you have separate control of your audio component's volume. If your TV is not remote controllable, or if you want volume to be controlled by a different component, you can change the Volume Lock setting to control a volume through a non-associated mode (e.g., through the cable in the TV mode).

### To change Volume Lock to another mode:

- 1 On the ARCAM CR80, press and hold **SET** until the LED blinks twice, then release **SET**.
- 2 Enter **9 - 9 - 3** and then press the **device key** where you want to control the volume to once (except TV). The LED will blink twice.
- 3 Now, whenever you press **VOL +**, **VOL -** or **MUTE**, volume will be controlled by your device choice.

### To change Volume Lock back to the TV mode:

- 1 On the ARCAM CR80, press and hold **SET** until the LED blinks twice, then release **SET**.
- 2 Enter **9 - 9 - 3** and then press **TV**. The LED will blink twice.
- 3 Now, whenever you press **VOL +**, **VOL -** or **MUTE** on the ARCAM CR80, volume will be controlled by your TV.

### To release Volume Lock:

Once you have used the Change Volume Lock function, all device pages will send the same volume commands. To release this condition:

- 1 On the ARCAM CR80, press and hold **SET** until the LED blinks twice, then release **SET**.
- 2 Enter **9 - 9 - 3** and then press **VOL+**, the LED will blink four times.
- 3 Now, the **VOL+**, **VOL-** and **MUTE** commands are restored to the factory set mode for the individual devices.

## TROUBLE SHOOTING

PROBLEM: *LED does not blink when you press a key.*

SOLUTION: Replace the batteries with two (2) new AA alkaline batteries.

PROBLEM: *LED blinks when you press a key, but home entertainment component does not respond.*

SOLUTION: Make sure the ARCAM CR80 is aimed at your home entertainment component and is not farther than 15 feet away.

PROBLEM: *ARCAM CR80 does not control home entertainment components or commands are not working properly.*

SOLUTION: Try all listed codes for the component brands being set up. Make sure they can be operated with an infrared remote control.

PROBLEM: *No volume on a 2nd TV.*

SOLUTION: Follow instructions in Changing Volume Lock.

PROBLEM: *CH+ , CH- , and LAST do not work for your RCA TV.*

SOLUTION: Due to RCA design (1983-1987), only the original remote control will operate these functions.

PROBLEM: *Changing channels does not work properly.*

SOLUTION: If original remote control required pressing ENTER to change channels, press ENTER on the ARCAM CR80 after entering the channel number.

PROBLEM: *Tried "Search Method" and still could not find a working code.*

SOLUTION: Try the "Search Method" again after clearing out the device key as follows: Press and hold SET until red light blinks twice, then release. Next enter 9 - 9 - 2. Then press and release the device key to be cleared twice.

• MANUFACTURER'S CODES

• CODES FABRICANTS

TVs:

Téléviseurs:

AOC	0030, 0019
Admiral	0093, 0463
Aiko	0092
Akai	0030
Alaron	0179
Ambassador	0177
America Action	0180
Ampro	0751
Anam	0180
Audiovox	0451, 0180, 0092, 0623
Baysonic	0180
Belcor	0019
Bell & Howell	0154, 0016
Bradford	0180
Brookwood	0019
Broksonic	0236, 0463
CXC	0180
Candle	0030, 0056
Carnivale	0030
Carver	0054
Celebrity	0000
Cineral	0451, 0092
Citizen	0060, 0030, 0056, 0039, 0092
Concerto	0056
Contec	0180
Craig	0180
Crosley	0054
Crown	0180, 0039
Curtis Mathes	0047, 0054, 0154, 0051, 0451, 0093, 0060, 0030, 0145, 0056, 0016, 0039, 0166, 0466, 1147, 1347
Daewoo	0451, 0019, 0039, 0092, 0623, 0624
Daytron	0019
Denon	0145
Dumont	0017, 0019
Dwin	0720, 0774
Electroband	0000
Emerson	0154, 0236, 0463, 0180, 0282, 0178, 0019, 0179, 0039, 0177, 0623, 0624
Envision	0030
Fisher	0154
Fujitsu	0179
Funai	0180, 0179, 0171
Futuretech	0180
GE	0047, 0051, 0451, 0093, 0282, 0178, 0021, 0135, 1147, 1347
Gibraltar	0017, 0030, 0019
GoldStar	0030, 0178, 0019, 0056
Gradiente	0053, 0056
Grunpy	0180, 0179
Hallmark	0178
Harley Davidson	0179
Harman/Kardon	0054
Harvard	0180
Hitachi	0145, 0056, 0151
Infinity	0054
Inteq	0017
JBL	0054
JCB	0000
JVC	0053
KEC	0180, 0030, 0039
KTV	0030, 0019
Kenwood	0056
LG	0047, 0054, 0154, 0156, 0178
LXI	0016
Logik	0056
Luxman	0056
MGA	0150, 0030, 0178, 0019

MTC	0060, 0030, 0019, 0056
Magnavox	0054, 0030, 0179
Majestic	0016
Marantz	0054, 0030
Matsushita	0250
Megatron	0178, 0145
Memorex	0154, 0250, 0463, 0150, 0178, 0056, 0016
Midland	0047, 0017, 0051, 0039, 0135
Minutz	0021
Mitsubishi	0093, 0150, 0178, 0019
Motorola	0093
Multitech	0180
NAD	0156, 0178, 0166
NEC	0030, 0019, 0056
NTC	0092
Nikko	0030, 0178, 0092
Onwa	0180
Optimus	0154, 0250, 0166
Optonica	0093, 0165
Orion	0236, 0463, 0179
Panasonic	0051, 0250
Penney	0047, 0156, 0051, 0060, 0030, 0178, 0021, 0019, 0056, 0039, 0135, 1347
Philco	0054, 0463, 0030, 0145, 0019
Philips	0054
Pilot	0030, 0019, 0039
Pioneer	0166
Portland	0019, 0039, 0092
Prism	0051
Proscan	0047
Proton	0178, 0466
Pulsar	0017, 0019
Quasar	0051, 0250, 0165
RCA	0047, 0051, 0093, 0019, 0090, 0135, 1047, 1147, 1247, 1347
Radio Shack	0047, 0154, 0165, 0180, 0030, 0178, 0019, 0056, 0039
Realistic	0154, 0165, 0180, 0030, 0178, 0019, 0056, 0039
Runco	0017, 0030, 0603
SSS	0180, 0019
Sampo	0030, 0039
Samsung	0060, 0030, 0178, 0019, 0056
Samsux	0039
Sansei	0451
Sansui	0463
Sanyo	0154
Scimitsu	0019
Scotch	0178
Scott	0236, 0180, 0178, 0019, 0179
Sears	0047, 0054, 0154, 0156, 0178, 0179, 0056, 0171
Semivox	0180
Semp	0156
Sharp	0093, 0165, 0039
Shogun	0019
Signature	0016
Sony	0000
Soundesign	180, 0178, 0179
Squareview	0171
Starlite	0180
Supreme	0000
Sylvania	0054, 0030
Symphonic	0171
TMK	0178, 0056, 0177
Tandy	0093
Technics	0051, 0250
Technol Ace	0179
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0019, 0179, 0056, 0016, 0039, 0092
Telefunken	0056

Toshiba	0154, 0156, 0060
Television	0039
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178, 0019
Wards	0054, 0165, 0030, 0178, 0021, 0019, 0179, 0056, 0016

White	
Westinghouse	0463, 0623, 0624
Yamaha	0030, 0019
Zenith	0017, 0463, 0016, 0092

VCRs:

Magnétoscopes:

Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000
Akai	0041
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumarck	0240
Bell & Howell	0104
Broksonic	0184, 0121, 0209, 0002
CCE	0072, 0278
Calix	0037
Canon	0035
Carver	0081
Cineral	0278
Citizen	0037, 0278
Colt	0072
Craig	0037, 0047, 0240, 0072, 0271
Curtis Mathes	0060, 0035, 0041, 0162
Cybernex	0240
Daewoo	0045, 0278
Denon	0042
Dynatech	0000
Electrohome	0037
Electrophoneic	0037
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278
Fisher	0047, 0104
Fuji	0035, 0033
Funai	0000
GE	0060, 0035, 0048, 0240
Garrard	0000
Go Video	0526
GoldStar	0037, 0038
Gradiente	0000
Hi-Q	0047
Harley Davidson	0000
Harman/Kardon	0081, 0038
Harwood	0072
Headquarter	0046
Hitachi	0000, 0042, 0041
Hughes Net. Sys.	0042
JVC	0067, 0041
Jensen	0041
KEC	0037, 0278
KLH	0072
Kenwood	0067, 0041, 0038
Kodak	0035, 0037
LXI	0037
Lloyd's	0000
Logik	0072
MEI	0035
MGA	0240, 0043
MGN Technology	0240
MTC	0240, 0000
Magnasonic	0278
Magnavox	0035, 0039, 0081, 0000, 0149
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162, 0454

Memorex	0035, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0046, 1162, 1262
Minolta	0042
Mitsubishi	0048, 0067, 0043
Motorola	0035, 0048
Multitech	0000, 0072
NEC	0104, 0067, 0041, 0038
Nikko	0037
Noblex	0240
Olympus	0035
Optimus	0037, 0048, 0104, 0162, 0454, 1062, 1162, 1262
Orion	0184, 0209, 0002
Panasonic	0035, 0162, 0225, 0454, 1162
Penney	0035, 0037, 0240, 0042, 0038
Pentax	0042
Philco	0035, 0209
Philips	0035, 0081
Pilot	0037
Pioneer	0067
Pionefronic	0240
Proscan	0060
Protoc	0072
Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162, 0454, 1162
RCA	0060, 0035, 0048, 0240, 0042, 0149
Radio Shack	0000
Radix	0037
Randex	0037
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
Runco	0039
STS	0042
Samsung	0240, 0045
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0041, 0271
Sanyo	0047, 0240, 0104, 0046
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semp	0045
Sharp	0048
Shintom	0072
Shogun	0240
Singer	0072
Sony	0035, 0032, 0000, 0033
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000
TMK	0240
Tatung	0041
Teac	0000, 0041
Technics	0035, 0162
Teknika	0035, 0037, 0000
Thomas	0000
Toshiba	0045, 0043
Totevision	0037, 0240
Unitech	0240
Vector	0045
Vector Research	0038
Video Concepts	0045
Videosonic	0240
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072, 0149
White	
Westinghouse	0209, 0278
XR-1000	0035, 0000, 0072
Yamaha	0038
Zenith	0039, 0000, 0209, 0033



## Câble Converters:

### Décodeurs de Câble:

ABC	0003,0008, 0014, 0017, 0007, 0011, 0013
Allegro	0153, 0315
Archer	0153, 0797
Bell & Howell	0014
Century	0153
Citizen	0153, 0315
Comtronics	0040
Contec	0019
Eastern	0002
Emerson	0797
Everquest	0015,0040
Focus	0400
Garrard	0153
Gemini	0015
General	
Instrument	0476, 0276, 0011, 0810
GoldStar	0144, 0040
Goodmind	0797
Hamlin	0020, 0259, 0009, 0034
Hitachi	0011
Hytex	0007
Jasco	0015, 0153, 0315
Jerrold	0003, 0012, 0476, 0276, 0014, 0015, 0011, 0810
Memorex	0000
Movie Time	0063
NSC	0063
Oak	0019, 0007
Optimus	0021
Panasonic	0000, 0107, 0021
Paragon	0000
Philips	0153
Pioneer	0144, 0533
Popular	
Mechanics	0400
Pulsar	0000
Quasar	0000
RCA	0021
Radio Shack	0015, 0315, 0797, 0883
Recoton	0400
Regal	0020, 0259
Regency	0002
Rembrandt	0011
Runco	0000
SL Marx	0040
Samsung	0144, 0040
Scientific Atlanta	0008, 0477, 0017, 0877
Signal	0015,0040
Signature	0011
Sprucer	0021
Starcom	0003, 0015
Stargate	0015, 0040, 0797
Starquest	0015
TV86	0063
Television	0040
Tocom	0012, 0013
Toshiba	0000
Tusa	0015
Unika	0153
United Artists	0007
Universal	0153, 0191
Viewstar	0063
Zenith	0000, 0525
Zentek	0400

### Satellite or DBS Receivers: Récepteurs Satellites ou DBS:

AlphaStar	0772
Chaparral	0216
Echostar	0775
Expressvu	0775
General	
Instrument	0627, 0361, 0869
HTS	0775
Hitachi	0819
Hughes Net. Sys.	0749

JVC	0775
Jerrold	0627, 0361
Magnavox	0724, 0722
Memorex	0724
Next Level	0869
Panasonic	0701
Philips	0724, 0722
Primestar	0627, 0361
RCA	0566, 0143, 0392, 0855
Radio Shack	0869
Realistic	0052
Sony	0639
Star Choice	0869
Toshiba	0790
Uniden	0724, 0722, 0052
Zenith	0856

### CD Players:

#### Lecteurs CD:

ARCAM	0650 (default)
Aiwa	0157, 0124
Burmester	0420
California	
Audio Lab	0029
Carver	0157, 0179, 0437
DKK	0000
Denon	0003, 0873
Emerson	0305
Fisher	0179,0174
Garrard	0420, 0393
Genexxa	0032, 0305
Harman/Kardon	0157, 0173
Hitachi	0032
JVC	0072
Kenwood	0028, 0037, 0190, 0681, 0826
Krell	0157
LXI	0305
Linn	0157
MCS	0029
MTC	0420
Magnavox	0157, 0305
Marantz	0029, 0157, 0180
Mission	0157
NSM	0157
Nikko	0174
Onkyo	0101, 0868
Optimus	0000, 0032, 0179, 0305, 0037, 0420, 0145, 0468, 0437

Panasonic	
Parasound	0420
Philips	0157, 0626
Pioneer	0032, 0305, 0468, 0244

Proton	0157
QED	0157
Quasar	0029
RCA	0179, 0305, 0053, 0764

Realistic	0179, 0420, 0180
Rotel	0157, 0420
SAE	0157
Sansui	0157, 0305
Sanyo	0179
Scott	0305
Sears	0305
Sharp	0037, 0180, 0861
Sherwood	0180
Sony	0000, 0185, 0490
Soundesign	0145
Tascam	0420
Teac	0420, 0393, 0174, 0180

Technics	0029, 0303
Victor	0072
Wards	0157, 0053
Yamaha	0036, 0187
Yorx	0461

### DVD Players:

#### Lecteurs DVD:

ARCAM	0732 (default)
Harman/Kardon	0582

Kenwood	0558
0534	
Magnavox	0503
Mitsubishi	0521
Onkyo	0503
Panasonic	0490
Philips	0503, 0539
Pioneer	0525, 0571
Proscan	0522
RCA	0522
Samsung	0573
Sony	0533
Technics	0490
Theta Digital	0571
Toshiba	0503
Yamaha	0490, 0545
Zenith	0503, 0591

### LD Players:

#### Lecteurs Vidéodisques:

Denon	0059
Mitsubishi	0059
NAD	0059
Pioneer	0059
Sony	0193, 0201

### Cassette Decks:

#### Lecteurs Cassettes audio:

Aiwa	0029, 0197
Carver	0029
Denon	0076
Harman/Kardon	0182, 0029
JVC	0244, 0273
Kenwood	0070
Magnavox	0029
Marantz	0029
Onkyo	0135, 0282
Optimus	0027, 0220
Panasonic	0229
Philips	0029
Pioneer	0027, 0220, 0099
Sansui	0029
Sony	0243, 0170, 0291
Technics	0229
Victor	0273
Wards	0027
Yamaha	0097, 0094

### Stereo Tuners

#### or Receivers:

#### Tuners ou Récepteurs

#### stéréo:

ARCAM	1216 (default)
ADC	0531
Adcom	0616
Aiwa	0158, 0189, 0121, 0405

Akai	0224
Capetronic	0531
Carver	0189, 0008, 0042, 0360

Casio	0195
Clarinette	0195
Curtis Mathes	0080
Denon	0004
Emerson	0424
Fisher	0042, 0219, 0360
Garrard	0463, 0424
Harman/Kardon	0110, 0189, 0891
JBL	0110
JVC	0074
Kenwood	0027, 0186, 0042, 0077

Koss	0424
LXI	0181
Linn	0189
Lloyd's	0195
MCS	0039, 0346
Magnavox	0531, 0189, 0195, 0391
Marantz	0039, 0189
Modulaire	0195

NAD	0320
0097, 0347	
Nakamichi	0135
Onkyo	0531, 0670, 0186, 0042, 0177, 0181, 0219, 0738, 0801, 1023
Optimus	0039, 0309
Panasonic	0195
Penney	0189, 0391
Philips	0531, 0014, 0150, 0630, 0080, 1023
Pioneer	0039

Quasar	0531, 0054, 0346, 0360, 0530
RCA	0195, 0163, 0181

Realistic	0189, 0346
Sansui	0219, 0801
Sanyo	0163,0322
Scott	0186
Sharp	0491, 0502
Sherwood	0158, 0168, 0474
Sony	0670
Soundesign	0463, 0163
Teac	0039, 0309, 0208
Technics	0074
Victor	0158, 0014, 0189, 0080, 0054
Wards	0176, 0186

Yamaha	0195
Yorx	0195
Zenith	0857

### Setup Codes for AV Processors: Arcam AV8 zone2, system code 19 setup code 1213 (can only be set up under AUX mode)

### Codes d'installation pour processeurs AV ARCAM AV8 zone2, system code 19 : code d'installa- tion 1213 (à installer uniquement sous la touche AUX)

### Home Automation:

#### Appareils domestiques:

GE	0240
Lutron	0597
One For All	0167
Radio Shack	0240
Security System	0167
Universal X10	0167
X10	0167

### DBS Audio Services:

Aiwa	0010, 0159, 0404
Fisher	0052
Harman/Kardon	0477
JBL	0477
JVC	0073
Jerrold	0459, 0520
RCA	0056
Scientific Atlanta	0460
Sony	0010, 0159
Starcom	0459

### Video Accessories:

#### Accessoires vidéo:

Archer	0160
GC Electronics	0160
Jebsee	0160
Rabbit	0081
Radio Shack	0160
TeleCaption	0171