



The revolutionary “accessible” remote control that finally makes using a remote control as easy as it should be



User’s Guide

V 1.11

FEATURES

- ◆ Hands-Free Voice control or push-button operation!
- ◆ Accenda’s friendly voice tells you what it is doing when you press a button — no more wondering, "What happened?"
- ◆ EZ-Find "sculpted" buttons make it easy to find the right button -- just by touch!
- ◆ Recognizes up to 50 instructions
- ◆ Performs multiple operations from a single instruction
- ◆ Charging cradle keeps the remote control charged so it’s always ready for use — and always has a home!
- ◆ Voice prompts talk you through set-up & operation. Nothing could be easier!
- ◆ Hands-free operation and *favorite channels* make selecting stations ultra-convenient!
- ◆ Memo recorder — no more fumbling for pen and paper!
- ◆ Comprehensive code library includes nearly 1,000 entertainment codes
- ◆ “Learns” new codes from existing remote control (not available on all models)
- ◆ Backlit keys
- ◆ Sleep timer
- ◆ Retains set-up even without the batteries

Following are the conventions used in this guide

- `Button` An **Accenda** button
- `Button1` → `Button2` Press and release button 1, then press button 2
- Word* Prompts and words spoken by **Accenda** are in light italics
- Word** Your spoken instructions are in dark italics

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Congratulations on your selection of **Accenda**, the world's easiest-to-use universal remote control. With **Accenda** you have the choice of controlling your TV, VCR, or other entertainment device "hands-free" using **Accenda's** powerful voice recognition technology or operating the **Accenda** remote control with its ergonomically sculpted backlit buttons with voice response.

Before setting up and using **Accenda** we suggest you take a few minutes to acquaint yourself with its unique design. You will note that the volume up/down and channel up/down buttons are on the side, permitting easy operation with just the thumb when **Accenda** is hand held. Identical sets of buttons are located on both sides of **Accenda** to allow left or right-hand operation.

Less-frequently used buttons are located inside the flip-down keypad, reducing button clutter and helping you avoid pressing the wrong button. Among the buttons inside the keypad are unique "Lock" and "Sound" buttons. The "Lock" button "locks-out" menu and guide buttons that require on-screen display. By locking out these buttons, it becomes much more difficult to accidentally change your television, cable, or DSS settings.

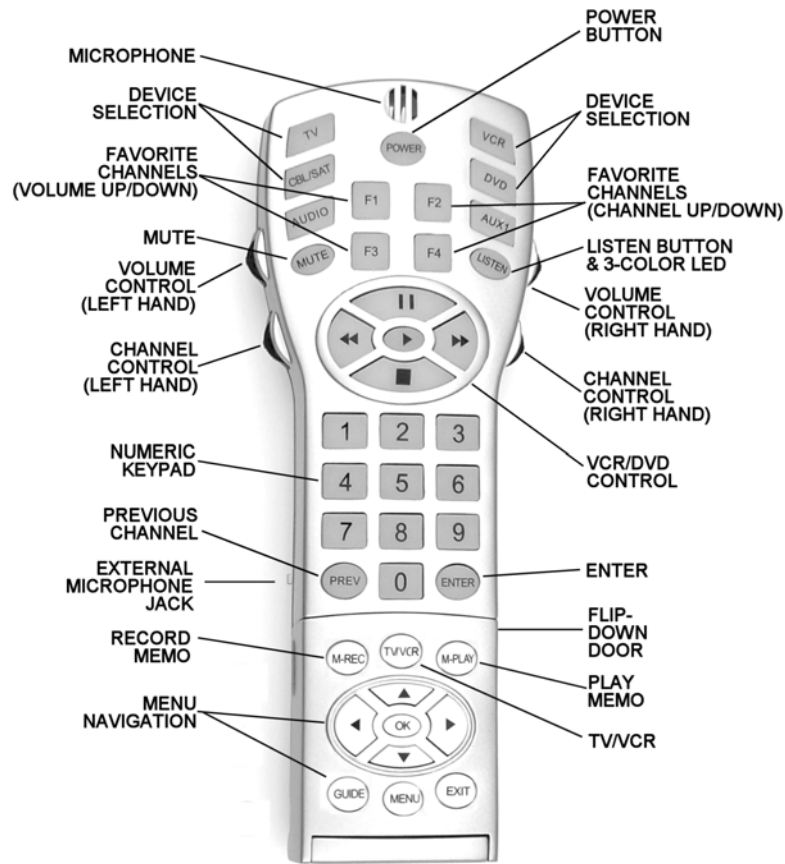
The "Sound" button turns on and off **Accenda's** unique voice response, which tells you what button you have just pressed. This unique voice response system makes learning to use your remote control far more easy than conventional remote controls, even if you have difficulty seeing the buttons.

Regardless of how you intend to use **Accenda**, you can be up and running with just a few simple steps.

Patents Pending

BUTTON DESCRIPTION

(lid closed)



Note: buttons on flip down door will vary with different models. Buttons on the flip-down door operate only when flip down door is firmly closed.

Microphone Internal microphone used for voice operation.

F1 - **F4** Favorite Channel / Multi-Function buttons. See page 14. **F1** - **F4** may alternatively be used as front panel volume and channel controls. When shipped, **F1** & **F3** are volume up and down, and **F2** & **F4** are channel up and down.

POWER Used to turn your TV, VCR, etc. on and off.

TV **VCR**
CBL/SAT
DVD **AUX**
AUDIO Device Source Button, used to select the device to be controlled. For example, after pressing **TV**, **Accenda** will control your TV. You may substitute devices, that is program devices on different buttons. See page 46. Button will flash when **Accenda** is sending a command or being set up. (Page 33)

▶|◻|◻|◻▶ VCR and DVD transport control. Also used for digital video-on-demand etc.

0 - **9**,
ENTER Numeric selection keys

V+
V-
C+
C- Volume up/down and Channel up/down. **Accenda's** volume and channel are located on the sides for exceptionally convenient hand-held operation. A set of buttons is located on both sides of **Accenda** to permit left-handed and right-handed operation.

PREV Switches the selected source device to the previously tuned channel.

LISTEN When used in voice mode, **LISTEN** is used to "wake up" **Accenda** from its power-saving "sleep mode" and tell it to listen for voice instructions. See pages 26 and 39. Pressing **LISTEN** when **Accenda** is "awake" will put it to sleep. The multi-function LED located behind the Listen button will flash different colors, depending on the specific operation. See page 34.

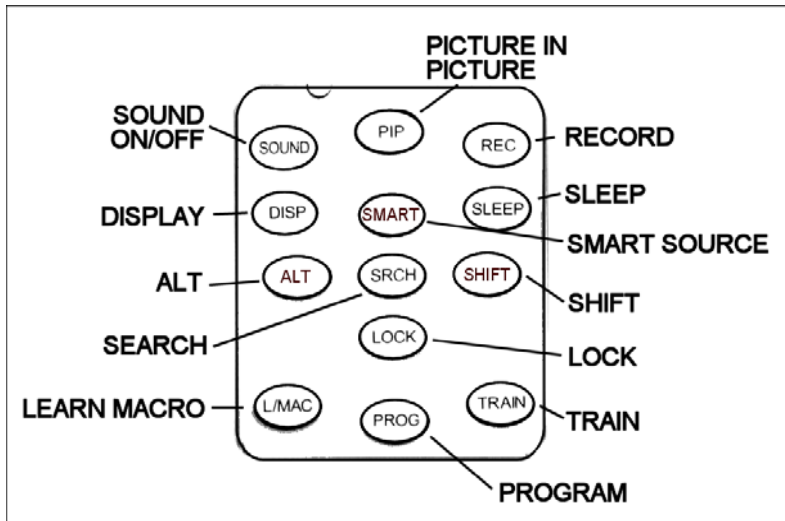
MUTE Mutes the TV. Also used for Auto-Mute (p. 32).

TV/VCR
GUIDE
DIS **EXIT**
MENU Function Buttons: Perform the desired functions on your entertainment devices.

M-REC &
M-PLAY To record a voice memo, simply press and hold the **M-REC** button. To play back a recorded memo, press the **M-PLAY** button. See p. 13.

BUTTON DESCRIPTION

(Inside Lid)



Note: inside buttons are accessed by opening flip-down door. Buttons on the outside of the door are functional only when door is firmly closed.

SOUND Turns **Accenda**'s voice response on and off. When on, each time you press a button, **Accenda** will respond with the button name, then perform the indicated function. When voice response is off, **Accenda** will operate silently.

PIP Picture in Picture

REC VCR Record. Press once to record.

DISP Display. Also known as INFO by some systems.

SMART Smart Source. See page 30

SLEEP Sleep

SRCH Search. Enables auto-search, Scan, and other features. See pages 16 and 42.

ALT Allows buttons to perform additional functions. When you see **ALT** followed by another button (for example, **ALT** → **1**), press and release the **ALT** button, then press the **1** button.

SHIFT See above

LOCK Locks out menu and related set up buttons that require on-screen viewing. This prevents accidentally altering TV or Cable Box settings. See page 13.

L/MAC Learn favorite channels/multi-functions.

PROG Used for setting up **Accenda**

TRAIN Used for training voice instructions. See page 18.

Voice Response

Accenda's friendly voice can tell you what button you have just pushed, even if you have difficulty seeing the remote control. This feature is exceptionally convenient when you are setting up **Accenda** as described on the following pages.

Once you have set up **Accenda** and are familiar with the button locations, you may turn off the voice response by pressing the **SOUND** button located inside the flip down keypad. Pressing this button will alternatively turn the voice response feature on and off.

Once you have set up **Accenda**, you can also train it to respond to your voice as described in the "Training and Using Voice Instructions" section of this user's guide.

SET UP GUIDE

Setting up **Accenda** is as easy as ... **PIE**:

Prepare **Accenda** for use with your entertainment system

Instruct **Accenda** to recognize your voice instructions

Enjoy **Accenda**'s incredible convenience !

Prepare **Accenda**

Insert four rechargeable AA batteries into the battery compartment as shown on page 54, then plug the cord from the power cube into the socket on the back of the charging cradle, plug the power cube into a wall outlet and place the **Accenda** on the charging cradle. For best results, you should charge the batteries overnight prior to initial use. For further details and battery recommendations see page 54.



Accenda in the charging cradle. The charger's LED will light whenever the **Accenda** is inserted in the cradle.

Accenda may be used while in the cradle for hands free operation. See page 18.

IMPORTANT! When using charging cradle, use rechargeable batteries only. Use of alkaline batteries with the charging cradle may damage **Accenda** and create a potential fire hazard. See page 54.

The Accenda, just like any universal remote control, needs to be set up to operate with the entertainment components you wish to control. Once the Accenda is set up to operate with the components, you can then "train" the Accenda to recognize and respond to your voice instructions.

Accenda offers you several methods of set up for your specific entertainment system. The easiest way is to have **Accenda** search through the codes for the specific manufacturer you specify. You may select the codes yourself, or you may have **Accenda** search through its entire database of codes.

Method 1: Search by Manufacturer

Press	Comment
1.	Manually turn on the device that you want control (TV, VCR, etc.)
2.	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">TV</div> <div style="border: 1px solid black; padding: 2px;">VCR</div> </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">CBL/SAT</div> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">DVD</div> <div style="border: 1px solid black; padding: 2px;">AUX</div> </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">AUDIO</div> </div> Press the device source button for the device you wish to program. The button will flash green once. If sound is enabled, Accenda will respond with the button name.
3.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">PROG</div> </div> Press the PROG button (located inside flip-down door). The selected device source button will flash green twice. If sound is enabled, Accenda will respond by saying "Program."
4.	Type in the 2-digit code for your TV, VCR, etc. manufacturer from the table on page 11. The source button will flash green once for each digit pressed. If sound is enabled, Accenda will respond with each number as you enter it. 1 st digit ↓ 2 nd digit
5.	Make sure the remote control is aimed directly at the device you want to control.
6.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">SRCH</div> </div> Press SRCH . The source button will flash once.
7.	<p>Accenda will now search through its library of codes for the device and manufacturer you have selected. Every 3 seconds Accenda will flash the source button and test a new code by attempting to turn off the device. If sound is turned on, Accenda will say each device code number it tests.</p> <p>When the target device turns off, immediately press PROG (3 flashes)</p>

8.	Test the device by pressing a variety of buttons to ensure they all work. Many devices use similar remote control codes and occasionally some instructions will not work properly. If this occurs, repeat steps 1 through 7.
9.	Repeat steps one through four for each device you wish to program: TV, VCR, Cable box, etc., up to six devices.

It is a good idea to record the code(s) you have selected by reading them back. See page 45 for details.

*Helpful Hint: When you press TV, VCR etc., in step 2 above, the **Accenda** remote control will just search the codes for that particular device. If you press AUX, Accenda will search through all the codes in the database. If you have two different model TVs etc., and wish to save the code for the 2nd TV as AUX, press **TV** in step 2, and **AUX** instead of **PROG** in step 7 above. This will store the 2nd code in the "Aux" button. This will greatly reduce the time the **Accenda** will require to search for the proper code.*

List of Manufacturers

Brand	Code	Brand	Code
ABC	01	Curtis Mathes	16
Admiral	02	Daewoo	17
Aiwa	03	Denon	18
Akai	04	Dish	10
Allegro	05	Emerson	19
Anam	06	Fisher	20
AOC	07	Fuji	21
Archer	08	Funai	22
Apex	09	GE	23
Brooksonic	12	Gemini	24
Candle	13	General Instrument	25
Carver	14	Goldstar	26
Citizen	15	Govideo	27
Craig	35	Hallmark	28

Brand	Code	Brand	Code
Hamlin	30	RCA	67
Harmon Kardon	29	Realistic	68
Hitachi	31	Regal	69
J.C. Penny	32	Sampo	70
Jerrold	33	Sansui	71
JVC	34	Samsung	72
Kenwood	36	Sanyo	73
KTV	37	Scientific Atlanta	77
Luxman	39	Scott	74
LXI	40	Sears	75
Magnasonic	42	Sharp	76
Magnavox	43	Signature	78
Marantz	44	Sony	80
Megratron	45	Sylvania	82
Memorex	46	Symphonic	83
MGA	47	Tandy	84
Mitsubishi	48	Teac	85
Montgomery Ward	49	Technics	86
Motorola	51	Teknika	87
MTC	52	Toshiba	88
NAD	53	Universal	89
NEC	54	Video Concepts	90
Optimus	57	Viewstar	91
Panasonic	58	Vidtech	92
Philco	59	Yamaha	95
Philips	61	Zenith	96
Pioneer	62	PVR*	97
Proscan	63	Digital Cable Box**	98
Proton	64	TV/VCR Combos**	99
Quasar	65		
Radio Shack	66		

*PVR is Tivo, Replay TV, etc.

** If not under the specific brand

Alternative Set Up Methods

If your brand does not appear above, or you cannot locate a device code that works properly, see Alternative Setup, page 40.

SPECIAL FEATURES

Accenda offers several unique features that make learning and using a remote control easier and more user-friendly than ever before. These features may be utilized by push-buttons or “trained” for use with voice instructions.

Voice Response

Accenda can tell you what button you have just pushed, even if you have difficulty seeing the remote control. Pressing the **SOUND** button located inside the flip down keypad will alternatively turn on and off the voice response feature. You also have the choice of having **Accenda** state the button you are pressing and automatically sending the command, or having **Accenda** state the command, but not sending the command until you press the button again. See page 35 for changing modes.

Menu Lock-Out

Some conventional remote control buttons, such as “Menu” and “Guide” require the user to see the television or be experienced in their use. Accidentally pressing these buttons can result in improper television or set-top box operation. **Accenda** offers users the ability to “lock-out” these buttons. The **LOCK** button disables the **GUIDE**, **MENU**, and **DISPLAY** buttons. When you press **LOCK**, **Accenda** will respond with “Lock On.” Pressing **LOCK** again will re-enable these buttons. **Accenda** will respond with “Lock Off.”

Memo Recorder

With so many talk shows and commercials giving you “800” numbers and web site addresses, trying to memorize the number or fumbling for a pen and paper can be a challenge. **Accenda**’s voice recorder eliminates this challenge by recording a “voice memo” of up to 9 seconds.

To record a voice memo, press and hold the **M-REC** button while you speak. The Listen button will glow green while you are recording. To play back a recorded memo, press the **M-PLAY** button. *Note:*

Pressing the **M-REC** button will erase any voice memo previously recorded.

Favorite Channel Buttons

Accenda offers a convenient way to quickly go to your favorite channels by “assigning” them to the **F1** - **F4** buttons. To set up a favorite channel button:

Press	Comment
1. L/MAC	Press the L/MAC (Learn Multi-Function) button. The currently selected source button will flash once.
2. F1 - F4	Select a favorite channel button by pressing your choice of F1 - F4 . The currently selected source button will flash twice.
3. CBL/SAT 0 - 9 , ENTER etc.	Press the button sequence that you want to program. For example 2 2 for channel 22. Some televisions may require you to also press ENTER . NOTE: The remote will transmit IR instructions while you do this so you can see the effect. The source button will light as it normally does when you press each button.
4. PROG	Complete the process by pressing the PROG button.

If you tune channels with a cable or satellite box, it is usually a good idea to include the device source button before the number buttons to keep from having to select the cable box etc. manually. For example, to program button **F4** to go to channel 24 using your cable box:

Press	No. of Flashes	Comment
L/MAC	1	Starts the sequence
F4	2	Selects button F4
CBL/SAT	1	Selects the cable box
2	1	
4	1	Channel 24
PROG	3	Locks in favorite channel

You can get even fancier and have a single button cycle through a sequence of favorite channels. (This makes watching three bowl games at the same time a snap). This is called a multi-string sequence.

Following is an example of creating a multi-string button sequence to have button F1 cycle through three favorite channels: 2, 4, and 12.

Press	No. of Flashes	Comment
L/Mac	1	Starts the sequence
F1	2	
0	1	
2	1	
L/MAC	2	end of first string
0	1	
4	1	
L/MAC	2	end of second string
1	1	
2	1	
PROG	3	save string sequence

Using the procedure shown in the tables above, you may also use F1 - F4 to provide any multi-button sequence. For example, you may use F1 to turn on the TV, turn on the VCR, and play a tape... all with one button press.

Press	No. of Flashes	Comment
L/MAC	1	Starts the sequence
F4	2	Selects button F4
TV	1	Selects the TV
0	1	Turn the TV to channel 3
3	1	
VCR	1	Select the VCR
POWER	1	Turn on the VCR
▶	1	Play tape
PROG	3	save string sequence

For maximum versatility, F1 - F4 may alternatively be used as front panel volume and channel controls. When shipped from the factory, F1 & F3 are volume up and down, and F2 & F4 are channel up and down.

Channel Scan

Channel Scan gives you hands free channel surfing. When you press the SRCH button, the **Accenda** Remote Control will send out a Channel Up or Channel Down command every few seconds until you issue another command or press any button other than 0-9, CH+ or CH-.

The scan will be up if the last channel button you pressed was CH+, or down if the last channel button you pressed was CH-. You can press CH+ or CH- during the scan to switch directions. You may vary the speed of the scan by pressing buttons 1 - 9 while **Accenda** is scanning. The range is one channel command every three seconds if you press button 1, one command every four seconds if you press button 2, ranging up to one command every 12 seconds with button 9. The light under the selected device button will link while the remote control is scanning.

Important: If you are using voice control (see next section), **Accenda** cannot listen for voice instructions at the same time it is sending infrared signals. Please make sure the LISTEN light is on if you wish to issue a voice command to stop the scan. If **Accenda** is transmitting (the selected device button will be lit and the LISTEN light will be off) it will not be able to hear your command, and **Accenda** will keep scanning. To avoid this, it is recommended that you do not set the scan rate at too fast a speed. Because some entertainment devices require longer transmissions than others, the best rate will vary from user to user.

You can begin using Accenda's pushbuttons now. If you just wish to use the push buttons, and not instruct Accenda to recognize your voice, you may skip the next step. If you later decide to use voice instructions, you may teach Accenda to recognize your instructions at a later time.

TRAINING AND USING VOICE INSTRUCTIONS

Unlike conventional remote controls, **Accenda** may be used “hands-free” to control your TV, VCR etc. **without lifting a finger!**

The powerful voice recognition capability of **Accenda** is user-trained for language and accent independence. If you wish to use voice instructions, you will need to teach **Accenda** to recognize your voice commands before use.

Use of the charging cradle is recommended for hands-free operation to maximize battery life. However, you may find it convenient to hold **Accenda** in your hand while “training” **Accenda** to recognize your voice instructions. It is strongly recommended that you hold **Accenda** the same distance from your mouth while training voice instructions as you expect it to be in actual use.

Keywords

Accenda offers a powerful new voice recognition technology called *Word Spotting*, in which voice instructions are preceded with a special “keyword.” This allows **Accenda** to recognize instructions even in the middle of a sentence. *Word Spotting* prevents **Accenda** from responding to background conversation or television sound.

If you saw the classic movie 2001, you might remember the computer HAL would only respond to instructions preceded by the word, 'HAL.' Similarly, in the Star Trek series, verbal instructions such as 'Lights On' would only be recognized if preceded by “Computer.” These are examples of Word Spotting operation.

Some suggested *Word Spotting* keywords are “Accenda,” “Remote Control,” and “Abracadabra.”

Some Special Notes To First Time Accenda Users

While the **Accenda** employs the latest state-of-the-art in speech recognition, it will nonetheless have difficulty recognizing instructions if two people are speaking at once or if there is other background noise. Before training **Accenda** to recognize your voice instructions, please be sure the room is reasonably quiet and lower the TV volume.

The closer **Accenda** is located to you the better the chance **Accenda** has of hearing and understanding your instructions. This is especially true in a noisy room. Remember **Accenda** is trying to understand what you are saying over the sounds coming out of the TV. In general, you will have best results when **Accenda** is between 12 and 36 inches from your mouth in a quiet room, and between 12 and 24 inches in a noisy room. You may adjust this somewhat with the microphone sensitivity switch (page 36). For best results, you should try to hold **Accenda** at the same distance from your mouth during training as you will when you are using it and train **Accenda** in the same room as your entertainment system. You may use the external microphone for optimal voice operation.

If the television or receiver sound is very loud, you may need to hold **Accenda** less than 12 inches away, or talk louder than normal for **Accenda** to be able to hear you.

Please remember to speak the same when you are training **Accenda** as you will when you actually are using **Accenda**, and hold **Accenda** the same distance from you when training as you will during normal use. If, like many new users, you speak unusually clearly and slowly during training, **Accenda** may not recognize your instructions when you later speak normally. For consistent results, speak naturally at all times! As with all voice operated products, you will achieve the best results with practice.

Setting up Word Spotting Keywords

To train the **Accenda** to recognize your keyword:

1. Be sure the room is reasonably quiet.
2. Press and release the **SHIFT** button then press the **TRAIN** button
3. **Accenda** will prompt you by saying "Say a keyword"
4. Wait for the Listen button to light up green before you speak.
5. Say the keyword, for example, "Accenda."
6. The **Accenda** will ask you to repeat the instruction.
7. Say the keyword again.
8. If the two words match, **Accenda** will say "keyword assigned."

When **Accenda** "wakes up" (see page 26, "Using Voice Instructions") the Listen button will light orange to let you know that it is listening for a keyword. Once it recognizes the keyword the button will turn green indicating it is now listening for a instruction. (Note: the Listen button will not light green until you have trained at least one voice instruction).

Training Voice Instructions

You may use a single instruction to initiate either a single button press (for example **V+** to turn up the volume) or a complete sequence of button presses. Some common examples are:

Train Accenda to Turn on the TV

You Do This	Accenda Response
Press the TRAIN button	Accenda will say, "Say a word." When the Accenda is ready to listen, LISTEN button will light green.
Say a one or two-word voice instruction. For example, "TV Power."	Accenda will ask you to repeat the instruction.
Say the same word again	If the two words match, Accenda will say "Push a button."
Press the first button of the voice instruction (TV in this example) within 15 seconds.	Accenda will respond with, "Button accepted. Push another button."
Press the next button in the sequence (in this example, Power).	Accenda will say, "Button accepted. Push another button."
Since you have now completed the sequence, press the TRAIN button.	Since you have created a sequence of more than one button, Accenda will say, "command assigned."

The voice-instruction **TV Power** is now assigned to the sequence **TV** → **Power**, and is equivalent to pressing the **TV** button, then the **Power** button.

To program **Accenda** to turn your cable box on and off, follow the above procedure, but substitute the **CBL/SAT** button.

Train Accenda to Make the Volume Louder

You Do This	Accenda Response
Press the TRAIN button	Accenda will say, "Say a word." The Listen button will light green.
Say "Louder."	Accenda will say "repeat."
Say "Louder" again	Accenda will say "Push a button."
Press Vo1+	"Button accepted. Push another button."
Press the TRAIN button.	"Command assigned."

Using this procedure, you can set up both simple or complex sequences. For example, let us now set up a simple sequence to turn the TV to channel 33 to watch Nickelodeon (you will need to substitute the correct channel number for your location):

Train Accenda to Tune to a Specific Channel

You Do This	Accenda Response
Press TRAIN	Accenda will say, "Say a word." The Listen button will light green.
Say "Nickelodeon"	"Repeat"
Say "Nickelodeon" again.	"Push a button."
Press 3	"Button accepted. Push another button"
Press 3	"Button accepted. Push another button"
Press TRAIN	"Command assigned."

You'll never have to remember what the channel number for Nickelodeon is again! Using the same sequence, you may train **Accenda** to respond to your other favorite channel choices. Remember, you don't have to set up all of your channels — you can still change channels with "Next Channel," and "Previous Channel." Just set up your favorite channels.

You can also set up more complex instructions. For example, with just the single instruction "Play Tape," you can set up the **Accenda** to switch the television to channel three, turn on the VCR, then press the **Play** button on the VCR. The sequence is: **TV** → **0** → **3** → **VCR** → **POWER** → **PLAY**.

Teach Accenda A Sequence To Play A Video Tape

You Do This	Accenda Response
Press TRAIN	Accenda will say, "Say a word." The Listen button will light green.
Say " Play Tape "	Accenda will say "Repeat."
Say " Play Tape " again.	Accenda will say "Push a button."
Press TV	Accenda will respond with, "Button accepted. Push another button."
Press 0	Accenda will respond with, "Button accepted. Push another button."
Press 3	Accenda will respond with, "Button accepted. Push another button."
<i>The above instructions switch the TV to channel three. Now we need to turn on the VCR power and press Play.</i>	
Press VCR	Accenda will respond with, "Button accepted. Push another button."
Press POWER	Accenda will respond with, "Button accepted. Push another button."
Press ▶	Accenda will respond with, "Button accepted. Push another button."
Press TRAIN	Accenda will say, "Command assigned."

Using the above procedure, you should train **Accenda** to respond to your choice of instructions for the different components of your entertainment system.

When you are programming a new voice instruction or keyword, **Accenda** will ask you to say a word. You must choose a voice instruction that is easy for you to remember and is distinct from any other voice instruction. **Accenda** will warn you if you speak too soon, or too softly. **Accenda** will always ask you to repeat the instruction. This is to insure that the instruction was correctly recorded. For example, a background noise that you did not notice may have been recorded as part of the instruction. You may be asked to repeat the instruction several times before **Accenda** is convinced that it has a good sample. If the instruction or keyword is similar to one already recorded, **Accenda** will ask you to "Choose a different word."

Following are some guidelines for selecting instructions.

Choosing Voice Instructions

Accenda allows you to associate any voice instruction with any button. While it might be tempting to program a voice instruction for every button, this does not take full advantage of **Accenda**'s unique capabilities. It is much more useful to program a voice instruction to a complete sequence of buttons which are triggered by one instruction. For example you can use the instruction "HBO" to set your cable box to channel 17 (button sequence : **TV** → **1** → **7** or whatever channel HBO is on your neighborhood). Use instructions that are easy to remember!

Try to choose voice instructions that are distinct from one another. Multi-syllable or two-word instructions work better than short words because **Accenda** has more information to work with and can better understand the instruction. For example "Quiet," "Silent," and "Muting" are better word choices than "Mute" because they contain more sound information. Also, having instructions of different length will make it easier for **Accenda** to distinguish them.

"Volume Up" and "Volume Down" are usually better than "Louder" and "Softer" (for many people "louder" sounds a lot like "power." "TV Power" or "power on" are better than just "power."

"Next Channel" and "Previous Channel" will often provide better results than "channel up" and "channel down." See "Suggested Vocabulary" (page 52) for suggestions.

Also, remember if you make the TV too loud, **Accenda** may have a hard time hearing your instructions over the sound of the TV.

Changing and Deleting Voice Instructions

From time to time you may wish to delete or change a voice instruction or keyword. For example, you may decide you would prefer a different instruction that is easier to say or remember. Sometimes, if a instruction is not working well, there may have been some background noise when you recorded the instruction, and performance will be improved if you erase, then re-record it.

To delete a voice instruction

1. Press and release the **[ALT]** button, then press **[TRAIN]**.
2. **Accenda** will respond with "Beep. Say a word."
3. Say the instruction you wish to erase.
4. **Accenda** will respond with "command cleared."

Canceling A Training Operation

You may elect not to train a instruction after you have pressed the **[TRAIN]** button, or after beginning to erase a personality. If you do not speak after pressing the **[TRAIN]** button, **Accenda** will respond three times with the words "too soft." You have the choice of waiting for **Accenda** to repeat this phrase or you may simply press any button to cancel the operation.

To erase a keyword

1. Press and release the **[ALT]** button, then press **[LISTEN]**.
2. **Accenda** will respond with "Beep. Say a keyword."
3. Say the keyword you wish to erase.
4. **Accenda** will respond with "keyword cleared."

USING VOICE INSTRUCTIONS

To use voice instructions, you "wake up" **Accenda**, then say your keyword followed by the desired instruction.

Waking Up Accenda

To maximize battery charge, the **Accenda** will "sleep" when not in use. You "wake up" the **Accenda** by pressing the **[LISTEN]** button before giving the **Accenda** a voice instruction. When you wake up **Accenda**, it will remain awake for 4 hours to listen for voice instructions. Each time **Accenda** recognizes a instruction, it will remain awake for another 4 hours.

If you are going to use Accenda while it remains in the charger cradle, you may adjust the wake time to "always on." Alternatively, if you do not keep the Accenda in the charger cradle when not in use, you may wish to shorten the wake time to conserve battery charge. See page 39 for instructions for changing the wake time setting.

*Please be sure the room is reasonably quiet — while the **Accenda** employs the latest state-of-the-art in speech recognition, it will nonetheless have difficulty recognizing instructions if two people are speaking at once or if there is other background noise.*

***Accenda** requires a brief period of silence before it can recognize a voice instruction.*

*The closer **Accenda** is to you, the better the chance it has of hearing and understanding your instructions, especially in a noisy room. Remember **Accenda** is trying to understand what you are saying over the sounds coming out of the TV. In general, you will have best results when **Accenda** is between 18 and 36 inches from your mouth in a quiet room, and between 12 and 24 inches in a noisy room. You may adjust this with the microphone sensitivity switch (page 36).*

When you “wake up” **Accenda** by pressing the **LISTEN** button, the button will light orange to let you know **Accenda** is waiting for your keyword. When you speak the keyword, the button will turn green, telling you **Accenda** is awaiting your voice instruction.

As with any remote control, the remote control must be pointing at the device to be controlled when either a button is pressed or a voice instruction is utilized. **Accenda** is designed to provide satisfactory results either in the hand with the top pointing toward the TV etc., or in the Charging Cradle with the bottom pointing toward the TV etc.

ADVANCED FEATURES

Fast Volume™

Fast Volume is a unique feature of **Accenda** that makes remote control of volume especially fast and convenient. **Fast Volume** sends multiple volume up or down instructions with a single button push or just one spoken instruction. To use **Fast Volume** simply press **SHIFT** → **V+** (louder) or **SHIFT** → **V-** (softer) to have **Accenda** send four volume up or down instructions at one time. For even faster volume adjustment, **ALT** → **V+** or **ALT** → **V-** sends eight volume up or down instructions.

To train **Accenda** to use **Fast Volume**:

1. Be sure the room is reasonably quiet.
2. Press and release the **TRAIN** button
3. **Accenda** will prompt you by saying "Say a word"
4. Wait for the Listen button to light up green before you speak.
5. Say a one or two word voice instruction. For example, "**Much Louder**"
6. The **Accenda** will ask you to repeat the instruction.
7. Say the same instruction again.
8. If the two instructions match, **Accenda** will say "Push a button."

9. Press and release **ALT**, then press **V+**. **Accenda** will say, "Button accepted. Push another button." Press **TRAIN**. **Accenda** will respond with "command assigned."

Repeat the above steps with the voice instruction "**Very Soft**," and with the button sequence **ALT** → **V-** for rapidly lowering the volume.

⚠ Please note: To avoid sending instructions faster than the television (or other selected device) can receive them, **Accenda** will need one or two seconds to send the entire string of volume up or down instructions. Make sure the **Accenda** is pointing toward the television when the selected device source button is green so that the television etc. will receive all the instructions.

Volume Control

Accenda will try to reduce the number of buttons you have to press in order to make operating your entertainment system as easy as possible. For example, VCRs and cable boxes rarely have volume controls. With devices such as these, **Accenda** will send volume control instructions directly to the TV if it can, even if you are in VCR or Cable mode, eliminating the need to press the **TV** button.

Even when the VCR or cable box has volume control capability built in, most consumers prefer to use the volume control on their television. Therefore, even when the VCR or cable box has a volume control, the **Accenda** will automatically send volume control commands to the television instead of the VCR or cable box. You may disable this feature and have **Accenda** control volume with the VCR or cable box by pressing

TV → **PROG** → **8** → **PROG** (The TV button will flash twice).

You may re-enable TV volume control when in satellite, cable or VCR mode by repeating the key sequence. The TV button will flash once if volume “send-through” is enabled.

Availability of the volume send-through feature will vary with the type and manufacturer of the entertainment devices you are using. (See also "Smart Source" on page 30 for advanced control of source buttons.)

Erasing Accenda's Programming (Reset Accenda)

Accenda uses a special non-volatile memory to remember voice instructions, favorite channels, multi-step functions, Smart Source and device setup. This ensures that **Accenda** will retain its programming even when you are changing the battery. From time to time you may wish to completely erase all programming and start fresh. To clear non-volatile memory, press **[ALT]** → **[REC]** (**Accenda** will respond with a beep) followed by **[ALT]** → **[REC]** again. (**Accenda** will respond with "memory cleared").

Caution: this will erase all set up information, voice instructions and Multi-step functions. Accenda will be reset to its default settings.

Multi-String Sequences

"Multiple String Sequences" take the flexibility and power of the **Accenda** to another level by letting you program a single instruction to step through a series of button sequences each time you speak the instruction. For example, a multi-string sequence can let you surf through three favorite channels with just a single voice instruction or button push. The following multi-string sequence uses the TV tuner to step through channels two, four, and seven, with a tuner that requires you to enter all numbers as two-button sequences.

You Do This	Accenda Response
Press the [TRAIN] button	Accenda will say, "Say a word." The Listen button will light green.
Say a one or two-word voice instruction. For example, "Favorite."	Accenda will ask you to repeat the instruction.
Say the word Favorite again	If the two words match, Accenda will say "Push a button."

You Do This	Accenda Response
Press the first button that you wish to associate with the. In this example, [TV]	Accenda will say, "Button accepted. Push another button."
Press next button in series. In this example, [0]	Accenda will say, "Button accepted. Push another button."
Press [2]	Accenda will say, "Button accepted. Push another button."
Signify the end of the first string by pressing [L/MAC]	Accenda will say, "Button accepted. Push another button."
Press [0]	Accenda will say, "Button accepted. Push another button."
Press [4]	Accenda will say, "Button accepted. Push another button."
Signify end of the second string by pressing [L/MAC]	Accenda will say, "Button accepted. Push another button."
Press [0]	Accenda will say, "Button accepted. Push another button."
Press [7]	Accenda will say, "Button accepted. Push another button."
Signify the end of the last string by pressing [TRAIN]	Accenda will say, "Command assigned."

Now, the first time you say "favorite," **Accenda** will take you to channel two. When you repeat "favorite," **Accenda** will take you to channel four. As you repeat "favorite" **Accenda** will take you to channel seven, then keep surfing through the three channels. Could anything be easier for watching bowl games?

Smart Source™

Smart Source is a new feature that makes using **Accenda** simpler than any other remote control by eliminating the traditional need to push the **[TV]**, **[CBL/SAT]**, **[VCR]**, **[DVD]**, **[AUDIO]** or **[AUX]** button every time you want to change what you are doing. **Smart Source**

puts you in complete control. With *Smart Source*, you decide which entertainment device you wish to use for common functions — which you then perform with just one button press. *Smart Source* also simplifies voice programming, by reducing the number of button presses required to perform a function.

Once you have programmed *Smart Source*, you may never need to press the **TV**, **CBL**, **VCR**, or **AUX** buttons again!

For example, if both your cable box and TV can control volume, you can have **Accenda** automatically select the TV whenever you press volume up, volume down or mute, and have the **Accenda** automatically select the cable box to change channels whenever you press channel up, channel down, or any numeric key. (With traditional remote controls you would need to remember to push the TV button to change to the TV mode, then change the volume, then press the cable button to switch back to the cable mode to continue changing the channels.)

Smart Source classifies buttons of each common type together. The classifications are: volume-related buttons, channel related buttons, tape/DVD/Cassette control buttons, power-related buttons and Audio related buttons. Once you assign any button to a device, all the buttons of that type are automatically assigned. For example, if you assign **C+** to the cable box, **C-**, **Prev**, and the numeric keys are then all assigned to the cable box. Similarly, if you assign **V+** volume up to the television, **V-** and **Mute** are also assigned to the television.

To set up *Smart Source*:

1. TV , CBL/SAT , VCR , DVD , AUDIO or AUX	Press source button for the device you wish to program. Source button will flash once.
2. PROG	Press the PROG button. The source button will flash twice.

3. V+ V- or Mute (Volume Group)	After you have pressed PROG , press any button in the desired group. The source button will flash three times. Any button in selected group will control the selected device.
C+ C- , Prev (Channel Group)	
<< < STOP > or >> (Tape/DVD Group)	
Power (Power Group)	If sound is on, Accenda will say, "Smart Source On."
PIP , ALT → PIP , SHIFT → PIP (PIP Group)	

For example, to set up *Smart Source* to use the volume instructions to specifically control your TV, press **TV** → **PROG** → **V+**

To automatically select your cable box whenever you wish to change channels, press **CBL** → **PROG** → **C+**

If you wish to override *Smart Source* (for example to record one channel with your VCR while you are watching a different channel with your TV), simply press **SMART**. The currently selected source button will flash once. To turn *Smart Source* back on, press **SMART**. The button will flash twice to indicate *Smart Source* is back on. If sound is on, **Accenda** will say, "Smart Source On."

Auto-Mute

When enabled, Auto-Mute sends a Mute instruction to the television, thus making the room quiet so that **Accenda** will better understand voice instructions.

Accenda offers two alternative Auto-Mute modes. In the full Auto-Mute mode, any time **Accenda** wakes up through the user pressing the **LISTEN** button, **Accenda** will send a mute signal. In the "Qualified Auto-Mute" mode, **Accenda** sends a mute signal whenever it hears a valid keyword. You may sequence through the Auto-Mute modes as shown below.

Press	Then Press	Button will Flash	Auto-Mute
[ALT]	[Mute]	2 times	Full Auto-Mute
[ALT]	[Mute]	3 times	Qualified Auto-Mute
[ALT]	[Mute]	1 time	Auto-Mute Off

You may turn the volume back on by issuing a Mute instruction.

Front Panel Lights: Source Buttons

Each source button ([TV] [VCR] [CBL/SAT] [DVD] [AUX] [AUDIO]) will flash green when you select it. Once selected, the button will also flash when the remote control is sending an infrared signal to the specific device. This is especially useful when you are using Smart Source, as you can easily tell what device the remote control is operating when you press a button. The last selected source button will also light to flash back a response during set up.

Backlight

Any time a button is pressed, the major keypad buttons (numeric, favorite channel, power, and transport buttons) will light red for a preset time. (See “Adjust Backlight Time” for instructions on changing this time.)

Adjust Backlight Time

You may adjust the amount of time the keypad backlight remains lit after you press a button. The default setting is 12 seconds. You may adjust the time as follows:

1. Press [AUX]	The AUX button will flash green once.
2. Press [PROG]	The button will flash green twice.
3. Press [6]	The button will flash green once.

4. Press [PROG]	The button will flash as follows: 1 flash = backlight always off (maximum battery life) 2 flashes = 4 seconds 3 flashes = 8 seconds 4 flashes = 12 seconds
5.	Repeat steps one through four to cycle through the possible wake time intervals.

Listen Button Light

The [LISTEN] button will light in various colors to indicate the status of the **Accenda**. Following is the meaning of the different colors:

Button Light	Button Meaning
Off	Accenda is sleeping awaiting a button depression.
Orange	Accenda is listening for keywords
Green	Accenda is listening for voice instructions

The [LISTEN] button is always lit when **Accenda** is “awake” and listening. Pressing the [LISTEN] button when the light is off wakes **Accenda** so that it is listening for a keyword or instruction. Pressing the [LISTEN] when it is already lit places **Accenda** back into the power-saving sleep mode.

Voice Response Method

You may use the **SOUND** button to turn on and off the voice response feature. You may also change between two methods of voice response.

In normal operation when Voice Response is enabled, **Accenda** will state the button you are pressing, then automatically send the command to the TV, etc. You may alternatively have **Accenda** state the button you are pressing, but NOT send the command until you press the button again. This method of operation makes it easier to prevent sending commands by accident. You may switch between these two methods of operation by pressing:

TV → **PROG** → **9** → **PROG**. The TV button will flash twice if the alternative method is selected. The TV button will flash once if the standard method is selected.

ADVANCED VOICE OPERATION FEATURES

Microphone Sensitivity

A three-position microphone sensitivity control is located inside the battery compartment (see page 54). The sensitivity as shipped should be optimal for most users. However, you can make the microphone either more or less sensitive. Making the microphone more sensitive will make the **Accenda** more responsive to your instructions, but also more sensitive to background sounds such as the TV or other people talking. Making the microphone less sensitive will make the **Accenda** less sensitive to background noises but also less sensitive to your voice, so you will need to speak louder.

External Microphone

For optimum results when using the **Accenda** hands-free, you may use the optional external lapel microphone. To use the microphone, simply plug it into the microphone jack located on the side of the remote control.

Erasing (see page 29), then re-training voice instructions after switching to the external microphone is strongly recommended. You may wish to change the microphone sensitivity switch inside the battery compartment.

Disabling Word Spotting

If you do not wish to use Word Spotting, you may turn it off by pressing **SHIFT** followed by **TV/VCR**. The last selected source button will flash once when Word Spotting is turned off. You may turn Word Spotting back on by pressing **SHIFT** followed by **TV/VCR** again. The source button will flash twice when Word Spotting is turned on.

You may also disable Word Spotting by deleting the keyword, as described on page 20.

Accenda Prompts

The **Accenda** Remote Control gives you a visual indication of its status through its front panel lights, while friendly "voice prompts" talk you through the process of setting up keys the way you want.

Following is a summary of the voice prompts **Accenda** will provide:

Accenda will respond with this prompt	When you press this button	Comment
Say a word	TRAIN	You may now record a voice instruction
Push a button		You should now press a button to associate with the instruction just recorded
Button accepted. Push another button		You should now press the next button associated with the instruction just recorded. If the last button has been pressed, press TRAIN.
Command assigned	TRAIN (after entering a button or multi-step sequence)	Accenda is finished training a button
'beep' Say a word	ALT → TRAIN	You may now delete a voice instruction.
Command cleared		Accenda has deleted a voice instruction
Say a keyword	SHIFT → TRAIN	Train a Keyword
Keyword Assigned	After saying a keyword	Accenda is finished training a keyword (personality)
'beep' Say a keyword	ALT → LISTEN	Delete a personality (and its instructions)

Accenda will respond with this prompt	When you press this button	Comment
Keyword Cleared		Accenda has deleted a personality (and all its instructions)
Repeat		Accenda needs to hear two consecutive voice samples that match
Louder please		You spoke too softly. Speak louder
Too Soon		You began speaking before the Listen light came on
Softer please		You spoke too loudly. Speak softer
Choose a different word		The Instruction or keyword you used is too similar to one previously recorded.
Too Long		Your instruction was too long (more than 2 seconds)
Memory full		You have tried to record either too many instructions, functions, or keywords. Up to 50 instructions or 4 keywords may be recorded

SPECIAL INSTRUCTIONS

Delay


On rare occasions, you may find an entertainment device which requires a pause between instructions for a multi-step function to operate properly. To provide a pause of ½ second between two instructions in a multi-step function, press **[SHIFT]** followed by **[⏏]**.

Adjust Wake Time

To maximize battery life, the **Accenda** will "sleep" when not in use and is awakened to listen for voice instructions when you press the **[LISTEN]** button. Normally, when you first wake up **Accenda**, it will remain awake for 4 hours. The Wake time may be shortened or lengthened as follows:

1. Press [AUX]	The AUX button will flash once.
2. Press [PROG]	The AUX button will flash twice.
3. Press [5]	The AUX button will flash once.
4. Press [PROG]	The AUX button will flash as follows: 1 flash = 1 minute 2 flashes = 1 hour 3 flashes = 4 hours 4 flashes = always on
5.	Repeat steps one through four to cycle through the possible wake time intervals.

If you press the **[LISTEN]** button when **Accenda** is already awake, it will re-enter the sleep mode and remain asleep until you press **[LISTEN]** again.

 **Note:** The **Accenda** is "awake" and listening for instructions only when the Listen button is green.

Adjust Multi-step function Repeat

Most entertainment devices require that infrared instructions be repeated some number of times, usually three, in order to reliably accept them. However, a limited number of devices require more or fewer code repeats. **Accenda** defaults to automatically sending each instruction three times. On very rare occasions, you may notice that a particular entertainment device is performing functions too many times with voice instructions or keyboard multi-step functions.

For example, you have created a voice instruction for channel 12 and you see the TV going to channels 1-1-1-2-2-2. If this happens you need to reduce the repeat count from three to one.

Accenda allows you to change the number of times a instruction is sent (the repeat count) from between one and four. To change the repeat-count,

1. Press **[TV]** → **[PROG]** → **[7]** → **[PROG]**
2. Press **[7]** → **[PROG]**.
3. Try the voice instruction or multi-step sequence again to see if it works properly. For the most reliable operation, you should use the highest repeat count that works properly. Each time you press **[7]** → **[PROG]** you will increase the repeat count by one. After the count reaches four, it will cycle back to one.

ALTERNATIVE ACCENDA SET-UP METHODS

Manual Set-up (Enter Individual Codes)

If you prefer entering the device codes for **Accenda** yourself:

Press	Comment
1. [TV] [VCR] [CBL/SAT] [DVD] [AUX] [AUDIO]	Press the device source button for the device you wish to program. The button will flash green once. If sound is enabled, Accenda will respond with the button name.

Press	Comment
2. [PROG]	Press the [PROG] button (located inside flip-down door). The source button will flash green twice. Accenda will respond by saying "Program."
3. 1 st digit ↓ 2 nd digit ↓ 3 rd digit ↓ 4 th digit	Type in the 3 or 4-digit code for your TV, VCR, etc. The codes can be found in the Accenda Device Codes booklet. The device source button will flash green once for each digit pressed. Accenda will respond with each number as you enter it.
4. [PROG]	After you have entered the correct code, press [PROG]. The source button will flash green three times. You have now programmed the device.
5. [Power]	Test the device by pressing [Power]. If it does not respond to the [Power] button, try the next code in the list for your system's manufacturer. Be sure to test a variety of buttons to ensure they all work. Many devices use similar remote control codes and occasionally some instructions will not work properly. If this occurs, try the next code in the list for your system's manufacturer.
6. [TV] [VCR] [CBL/SAT] [DVD] [AUX] [AUDIO]	Repeat steps one through four for each device you wish to program: TV, VCR, Cable box, etc., up to six devices.

You are not restricted to using just one TV, VCR etc. A powerful feature of the **Accenda** is the ability to program multiple devices of the same type such as two or more TV's, VCR's etc. See *Substitute Devices* (page 46) for details.

When programming **Accenda** to control TV/VCR combination units ("Combo's"), you may need to set up the TV and VCR codes

separately. If all the functions do not work, first select the appropriate TV code and program the TV selection button, then select the appropriate VCR code and program the VCR button.

Search the Entire Database

In addition to "Searching by Manufacturer" as described on page 10, **Accenda** offers two methods for searching through its entire database to help you find the correct code for your entertainment device. The two additional search modes are "**Auto Search**" and "**Manual Search**,"

When searching for a code using **Auto Search** or **Manual Search** you must first select the appropriate device type.

The [TV] device button will search through TVs and TV/VCR combos.

The [VCR] and [DVD] device button will search through VCRs, TV/VCR combos and DVD players.

The [CBL/SAT] device button will search through cable boxes and DSS receivers.

The [AUX] device button will search through all codes.

Auto Search for Your Device Code:

If you have trouble programming the device code for **Accenda**, or can't find the correct code in the manual, **Accenda** can cycle through the available codes automatically to help you locate a usable code. It is recommended that this feature be used only when all other methods have failed, as it may take from 7 to 18 minutes for the remote to locate the correct code, depending on the type of device.

1	Power On	Manually turn on the device that you want to auto search (TV, VCR, etc)
2	[TV] [VCR] [CBL/SAT] [DVD] [AUX] [AUDIO]	Press the device key for the device type for which you are searching. For example, to search for a TV code, press TV once (1 Flash).

3		Press the button once (2 Flashes).
4		Make sure that the remote is aimed directly at the device you want to control.
5		Press the Auto Search button (1 Flash).

Accenda will now search through the library for the target device code in 3-second intervals. Every 3 seconds the remote will prompt you by flashing the light, and the remote will test the new code by attempting to turn the device power off. If sound is enabled, **Accenda** will state the code being tested. Codes are searched in sequence of popularity to reduce search time.

When the target device turns off, immediately press to save the device code in memory.

6		When the target device turns off press the key and the code will be stored in memory (3 Flashes).
---	--	--

After you have pressed , check the other buttons (such as CH+ and VOL+) to be sure they all work with the target device. If they do not, repeat steps 1 through 6. When the auto search is re-started the search for the target device will begin where it was last stopped.

To stop the "Auto Search" without saving the currently tested code, press any key except , or a source button such as , etc. Once you find a code that works you should read back that code using the Read Back feature, as shown on page 45. Write down the device code to simplify setup in the future. When you know the device codes you can easily enter them using the Manual Set-up method described on page 40.

*Helpful Hint: When you press TV, VCR etc., in step 2 above, the **Accenda** remote control will just search the codes for that particular device. If you press AUX, Accenda will search through all the codes in*

*the database. If you have two different model TVs etc., and wish to save the code for the 2nd TV as AUX, press in step 2, and instead of in step 6 above. This will store the 2nd code in the "Aux" button, but only search through the TV codes. This will greatly reduce the time the **Accenda** will require to search for the proper code.*

Manual Search

You can manually cycle through the device codes to find a code that works with your TV, VCR, Cable Box, DVD, or DSS.

1	Power On	Manually turn on the device that you want to auto search (TV, VCR, cable box, DVD, or DSS receiver).
2	 	Press the device key for the device type you want to search for. For example, to search for a TV code, press TV once. The TV button will flash once.
3		Press the program button once (2 Flashes).
4	, ,	Enter code 0,0,0. (1 Flash for each number pressed). Test the remote, if it works, skip step 5.
5		Press the button to change to the next device code. (3 Flashes) Every time is pressed the remote will change to the next device code. Test the remote with your entertainment device by pressing a control button such as for each code.
6	 	When you find a code that works with your entertainment device, press the device key again. This will lock in the code.

Once you find a code that works you should read back that code using the Read Back feature. Write down the device code to simplify setup in the future.

Read Back Programmed Code

Your **Accenda** can read back (flash) the codes you selected for TV, VCR, cable box, DVD etc., so you that can write them down for future reference. If voice response is turned on, you may also have **Accenda** speak out the codes you have selected. To do this:

If Sound is enabled (recommended method)

To have **Accenda** speak the code (voice response must be turned on as described on page 13):

1. Press the device key for which you want the code read back. For example, if you want to know the code for your TV, press **TV**.
2. Press **PROG**. The TV button should flash twice.
3. Press **0**, then **PROG**. **Accenda** will audibly read out the 3 or four digit device code for you to record.

If Sound is not enabled

1. Press the device key for which you want the code read back. For example, if you want to know the code for your TV, press **TV**.
2. Press **PROG**. The TV button should flash twice.
3. Press **0**, then **PROG**. The TV button will flash the number of the first digit of the code. For instance, if your TV's code is 1234, the button will flash one time. If a code digit is zero, the button will not flash.
4. Repeat steps 2 and 3 to get the second, third, and fourth digits of the TV code. Press **1** followed by **PROG** for the second digit, **2** followed by **PROG** for the third digit and **3** followed by **PROG** for the fourth digit.

This procedure can then be repeated for any of the device buttons. You can go directly to any digit (0, 1,2, or 3) → **PROG** if you want to count the flashes again.

For example, to read back the TV code, (in this case the code is 0987), you will:

1	TV	The TV button will flash once	
2	PROG	2 flashes	
3	0	no flashes	0 9 8 7
4	PROG	2 flashes	
5	1	9 flashes	0 9 8 7
6	PROG	2 flashes	
7	2	8 flashes	0 9 8 7
8	PROG	2 flashes	
9	3	7 flashes	0 9 8 7
10	TV	Exit this mode	

Substitute Devices

Accenda does not limit you to just one of any type of entertainment product. You can program two or more TVs, VCRs, etc. by "substituting devices." Each of the six device source buttons (**TV**, **VCR**, **DVD**, **CBL/SAT**, **AUDIO**, or **AUX**) can be programmed to control any component of your entertainment system. For example, if you would like the **AUX** device button to control a second TV:

1. Press **AUX** and then **PROG**. The AUX button will flash twice.
2. Enter the desired TV code. The button will flash once for each digit.
3. Press **PROG** and the button will flash 3 times. Now the **AUX** button will control your second TV. This works with all six device buttons, so it is possible to program up to six of any component, such as eight TV's, VCR's, etc.

CHARGING CRADLE

Accenda includes a special Charger Cradle that allows you to safely store **Accenda** while you recharge the batteries. The Charger Cradle is also designed to permit you to operate **Accenda** completely "hands free" while it is in the Charger Cradle. When using the Charger Cradle it is important that the back of the **Accenda** points toward the television, VCR etc. so that the infrared signals are properly aimed.

To use the Charger Cradle, plug the AC adapter into a wall socket and insert **Accenda** into the Charger Cradle as shown below.

You cannot over-charge **Accenda**. The charger's LED will light whenever the charger cradle is plugged in and **Accenda** is properly inserted. It is normal for the cradle and batteries to become slightly warm while charging.

You may adjust the Wake Time so that **Accenda** is always on for completely hands free operation. (See page 39.)

You may minimize the charge time by placing **Accenda** in the sleep mode if it is awake. Pressing the **LISTEN** button when **Accenda** is awake will place it in the sleep mode.



☞ When your **Accenda** remote is not in use, keeping it in the charger cradle (especially overnight) will ensure it is fully charged for your next use.

☞ **IMPORTANT!** Only use rechargeable batteries with the charging cradle. Use of standard alkaline batteries with the charging cradle may damage **Accenda** and may be hazardous.

FREQUENTLY ASKED QUESTIONS

Q. When I try to use the **Accenda** remote, nothing happens, and the source button does not flash.

A. Check to make sure that the batteries have been correctly installed and are charged. Refer to the Batteries section of the manual.

Q. After I program the **Accenda** remote, it does not work with my entertainment device.

A. You probably didn't select the correct device code. Refer to the Prepare **Accenda** section of the manual. If problems persist, refer to the Auto Search feature.

Q. I tried all the methods, but I still couldn't program the remote correctly, and I don't see my brand of entertainment device listed in the code list.

A. Your entertainment device may not be supported by the **Accenda** remote. Contact customer support.

Q. The remote is acting erratically.

A. The batteries are probably too weak and need recharging.

Q. My TV takes a long time to change channels after I tell it to go to a specific channel.

A. Some TVs require a channel number to be followed by "Enter." If yours is one of these, make sure you have entered the channel number and then the "Enter" button when training instructions.

Q. When using the SCAN function, sometimes I have trouble getting the scanning to stop with my voice instruction.

A. **Accenda** cannot respond to your voice while it is busy sending channel instructions to the TV etc. Wait until the Listen button is green to tell **Accenda** to stop the scanning action.

Q. The "Previous Channel" instruction on the **Accenda** does not work with my TV. My original remote control does not have this function.

A. **Accenda** supports the most popular instructions for today's electronic equipment. However, a few remote control functions, such as mute or previous channel, will not work if the actual TV etc. does not support the feature. Similarly, because the space for buttons is limited, every function from the original equipment remote control may not be supported.

Q. The volume control on my satellite set top box changes the TV volume, but I want it to change the volume through my set top box.

A. When **Accenda** is shipped from the factory, the volume control for cable boxes, VCR's, satellite boxes and some DVD's "punch through" to the TV volume. You may change this for your box as described on page 28. You may also need to override Smart Source (page 30).

Q. The direction buttons on the **Accenda** are not letting me move through the menu commands on my system.

A. On many systems, the volume and channel buttons are used for "navigation." Experiment with the different **Accenda** buttons.

Q. When using voice instructions, the **Accenda** is having trouble recognizing a word that I have trained. What should I do?

A. The problem could be that there was a background noise when you recorded the word or you picked a word that is difficult for **Accenda** to recognize. See page 24 for hints on choosing words, and "Suggested Vocabulary" (page 52) for good words to try. To see if there was some background noise when you recorded the instruction, simply erase the training by pressing **[ALT]** → **[TRAIN]**, then re-training the instruction. Try to have the television sound off when you train **Accenda**. Otherwise, the noise from the television will become part of the voice "template."

You may also be speaking the instruction differently than when you trained **Accenda**. This is common, particularly with new users who speak especially carefully when first training **Accenda**. Again, the best solution is to erase the instruction as described above, and re-train the instruction speaking clearly and naturally. For example, if you train "ABC" as A-pause B-pause C, you should then include the pauses when actually using **Accenda** to operate your TV.

You should always hold **Accenda** the same distance away while you are training it as you will in actual operation, and train **Accenda** in the same room as you will be using it in due to room to room variations in acoustics.

If your television or sound system is very loud, you will have to speak louder than usual to compensate.

Finally, make sure you are using words that **Accenda** can easily understand. See "Choosing Voice Instructions" (page 24) and "Suggested Vocabulary" (page 52). Sometimes, due to individual speech patterns and accents, alternative words may work better for you. See "Suggested Vocabulary" (page 52).

Q. The **Accenda** said "too long" while I was training a instruction. What happened?

A. A voice instruction may not be more than two seconds long. If you talk more than two seconds, or if there was a long background noise while you were training a instruction or **Accenda** was listening for a instruction, it will say "too long."

Q. I have to keep repeating "louder" and "softer" to adjust volume the amount I would like. What can I do to reduce the number of times I need to repeat these words?

A. See **Fast Volume**, page 27. **Fast Volume** is a unique **Accenda** feature designed to adjust your volume with just one instruction.

Q. **Accenda** appears to have difficulty hearing me unless I speak very loudly.

A. If it is impractical to hold **Accenda** closer to your mouth, and turning down the television volume does not help, you should try adjusting the microphone sensitivity control, located inside the battery compartment. See Page 36.

Q. **Accenda** keeps saying, "too soft" when I train it.

A. Adjust the **microphone sensitivity switch**, located inside the battery compartment. See page 36.

Q. **Accenda** keeps responding to words it hears on the television or in background conversations.

A. If it is impractical to turn down the television volume, you should try adjusting the microphone sensitivity control, located inside the battery compartment. See Page 36. If this does not help, you should turn on the **Word Spotting** feature described on page 18. Alternatively, you may also try turning on **Auto-Mute**, described on page 32.

Q. I pressed the button, but **Accenda** does not respond to voice instructions, and the button does not light.

A. **Accenda** will not respond to any voice instructions until it has been trained with both a keyword and voice command.

Q. Is there anyway to make the **Accenda** stop listening for instructions after I press the button?

A. If you press the button after **Accenda** is already awake, it will put the **Accenda** back into the sleep mode.

Q. When I first received my **Accenda**, I trained it with a lot of trial instructions. Now I want to start over. Is there an easy way to erase everything I did.

A. See "Erasing **Accenda**'s Programming," page 29.

Q. Where can I find more helpful hints about my **Accenda**?

A. Visit the **Accenda** Web site at www.accenda.tv.

SUGGESTED VOCABULARY

The following words are recommended for best results:

<u>Word</u>	<u>Comment</u>
TV POWER	
VOLUME UP	
VOLUME DOWN	
NEXT CHANNEL	(Usually better than "Channel Up" You may also try "CHANNEL FORWARD.")
CHANNEL BACK	(Usually better than "Channel Down.")
STOP	
PLAY TAPE	
REWIND	
FAST FORWARD	
SILENT	(Better than "Mute." "MUTING" is also satisfactory)
SCAN	
SURFING	(Better than "Surf")
CABLE	
CABLE POWER	
CD PLAYER	
AUDIO	

Try to use a mix of longer words and shorter words, but avoid very short words like On, Off, or Mute. **Don't hesitate to experiment — everybody speaks differently!**

SUMMARY OF BUTTON FUNCTIONS

The following table summarizes the function of each button, when pressed by itself, and when preceded by either the **[ALT]** or the **[SHIFT]** button.

Button	Normal	Preceded by:	
		[ALT]	[SHIFT]
[Mute]	Mute	Toggle Auto-Mute	Toggle Auto-Mute
[LISTEN]	Listen	Delete keyword	Switch personality
[Power]	Power	Power Off	Power Off
[F1] *	favorite ch/function 1	favorite ch 1	favorite ch 1
[F2] *	favorite ch/function 2	favorite ch 2	favorite ch 2
[F3] *	favorite ch/function 3	favorite ch 3	favorite ch 3
[F4] *	favorite ch/function 4	favorite ch 4	favorite ch 4
[VOL+]	Vol up	Fast Volume 4 +	Fast Volume 8 +
[VOL-]	Vol down	Fast Volume 4 -	Fast Volume 8 -
[CH+]	Ch up or next chapter/ track/preset	PIP CH+	PIP CH+
[CH-]	Ch down or next chapter/ track/preset	PIP CH-	PIP CH-
[II]	Pause	Function Delay	Function Delay
[⏮]	Rewind	Alt Down	Alt Down
[▶]	Play	Test Listen ***	Alt Up
[⏭]	Fast Forward	Next	Next
[■]	Stop	Stop	Stop
[1]	1	Misc ****	misc ****
[2]	2	Misc ****	Misc ****
[3]	3	Misc ****	Misc ****
[4]	4	Misc ****	Misc ****
[5]	5	Misc ****	Misc ****
[6]	6	Misc ****	Misc ****
[7]	7	Misc ****	Misc ****
[8]	8	Misc ****	Misc ****
[9]	9	Misc ****	Misc ****
[0]	0	Misc ****	Misc ****
[Prev]	Recall previous ch.	Fav	Fav

Button	Normal	Preceded by:	
		[ALT]	[SHIFT]
[ENTER]	Enter	100+	100+
Buttons on outside of flip-down door (door must be closed to operate)			
[M-REC]	Record Memo	Record Memo	Record Memo
[TV/VCR]	TV/VCR (VCR), TV/VID (TV)	Switch personality	Toggle word spotting
[M-Play]	Play Memo	Play Memo	Play Memo
▲	Up	Up	Up
▼	Down	Down	Down
◀	Left	Left	Left
▶	Right	Right	Right
[OK]	Ok	Ok	Ok
[GUIDE]	Guide	Guide	Guide
[MENU]	Menu	Menu	Menu
[EXIT]	Reset	Eject	Eject
Buttons on inside of flip-down door			
[SOUND]	turn sound on/off	Surround	Surround
[PIP]	PIP on/off	PIP Move	PIP Swap
[REC]	Record	Reset Accenda**	Record
[DISP]	Display	Configure	Configure
[SMART]	Smart Source on/off	Smart source on/off	Smart Source on/off
[SLEEP]	Sleep	Time	Time
[ALT]	Alternate Function	alt function	alt function
[SRCH]	Auto Search	Search	Search
[LOCK]	Navigator enabled/disabled		
[L/MAC]	Learn Function	Learn Function	Learn Function
[PROG]	Program	Program	Program
[TRAIN]	Train New Voice Instruction	Delete Instruction	Train keyword

* When shipped from factory, [F1] is Volume up; [F2] is Channel up; [F3] is Volume down; [F4] is Channel down.

** Resetting deletes all voice programming and restores default settings.

*** for technician use only.

**** Special functions that do not fit elsewhere are “mapped” to these buttons. You may wish to try these buttons if **Accenda** does not have a desired button for your particular entertainment device.

SUMMARY OF SET-UP CODES

The following table summarizes the **Accenda** setup codes as described earlier in this guide.

	Adjust Wake Time	Backlight Time	Function Repeat	Punch-Through enable	Voice Response Method
1	[AUX]	[AUX]	[AUX]	Desired Device button	[AUX]
2	[PROG]	[PROG]	[PROG]	[PROG]	[PROG]
3	[5]	[6]	[7]	[8]	[9]
4	[PROG]	[PROG]	[PROG]	[PROG]	[PROG]

	Enable Smart Source	Search by Brand	Auto-Search All Brands	Manual Search All Brands	Read Back Device Code
1	Desired Device button	Desired Device button	Desired Device button	Desired Device button	Desired Device button
2	[PROG]	[PROG]	[PROG]	[0] [0] [0]	[PROG]
3	Vol +, Ch + etc.	brand code	[SRCH]	[PROG]	[0], [1], [2], or [3]
4		[SRCH]	Accenda will send codes		[PROG]
5		Accenda will send codes	[PROG] to stop and save		
6		[PROG] to stop and save			

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For support and service, visit the Accenda Web site at www.accenda.tv

Requires 4 AA batteries
ONLY USE RECHARGEABLE BATTERIES WITH CHARGING CRADLE

*Use of standard alkaline batteries with the charging cradle may damage **Accenda***

Accenda	Remote Control
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.	

Accenda	Remote Control
	TESTED TO COMPLY WITH FCC STANDARDS
FOR HOME OR OFFICE USE	