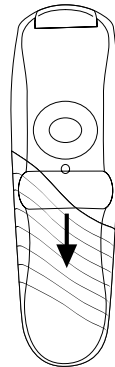# ONE FOR ALL®

URC 8080
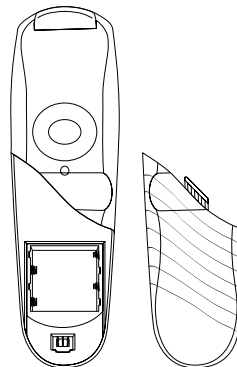# A/V Producer

User Manual

INSTALLING THE BATTERIES

Your *A/V Producer* requires four (4) new AAA alkaline batteries. To install the batteries:
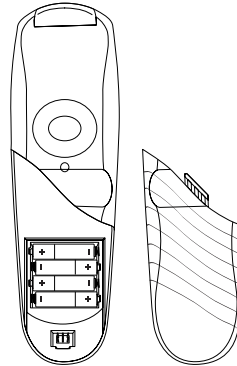
1 On the back of the *A/V Producer*, push down on the tab and slide the battery cover off.

2 Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the batteries.

3 Slide the battery cover back into place.
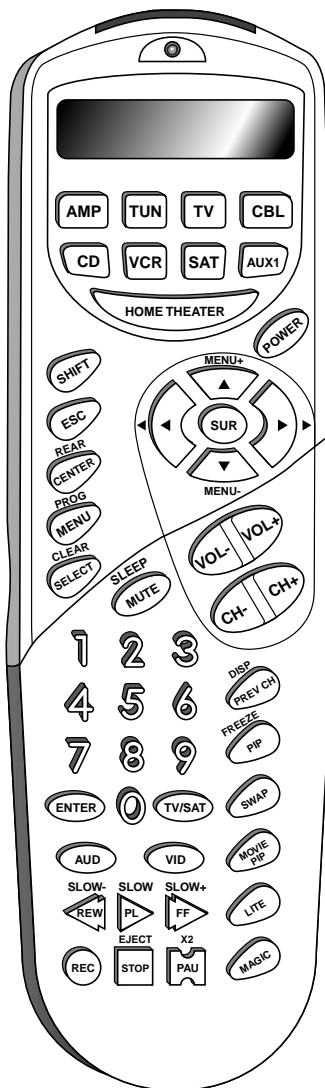
4 (POWER) Test the unit by pressing **POWER**. If the batteries are inserted correctly, the red light will blink.

Note: *After inserting the batteries, the LCD screen will enter a test mode which tests each segment of the LCD screen. This process will last for 10 seconds or until any key is pressed, which ever occurs first.*

USING YOUR A/V PRODUCER

Features and Functions

The illustration below and the chart on the next two pages describe the features and the functions of the *A/V Producer's* keypad. The following keys will always have the same function, regardless of which component you are controlling. For an explanation of what each key does by component type, please use the index at the rear of the manual (pages 45-57).

Feature	Function
MAGIC	The **MAGIC** key is used to access the menu and program your *A/V Producer*.
TV **VCR** **CBL** **SAT** **AMP** **TUN** **CD** **AUX1**	The **TV**, **VCR**, **CBL**, **SAT**, **AMP**, **TUN**, **CD**, and **AUX1** keys are used to select the home entertainment component you want to control. If your component does not respond when you press a key on the remote control, press either the **TV**, **VCR**, **CBL**, **SAT**, **AMP**, **TUN**, **CD**, and **AUX1** key to tell the remote control which component you would like to operate.
HOME THEATER	The **HOME THEATER** key is used to select the Home Theater mode of the *A/V Producer*.
ESC	The **ESC** (Escape) key is used to exit the LCD Screen menu.
LITE	The **LITE** key is used to turn ON and OFF the *A/V Producer's* backlit keypad and LCD screen. Press the **LITE** key once to turn ON the backlight. The *A/V Producer's* backlight will stay on for 10 seconds after the last key press and re-activates with the press of a key. To de-activate the backlight, press the **LITE** key again.
POWER	The **POWER** key controls power ON and OFF.
VOL- **VOL+** **MUTE**	The **VOL +** (Volume Up), **VOL-** (Volume Down) and **MUTE** keys control the volume the same as the Volume Up and Down and Mute keys on your original remote.

Feature	Function (Cont.)

CH- **CH+**

The **CH +** (Channel Up) and **CH-** (Channel Down) keys change channels the same as the Channel Up and Down keys on your original remote.

AUD

VID

The **AUD** and **VID** macro keys memorize up to 15 keystrokes that can be accessed in sequence at the press of a single key. These keys are not mode specific.

SHIFT

The **SHIFT** key accesses advanced features that are mapped under the following keys: **CENTER**, **MENU**, **SELECT**, **MUTE**, **PREV CH**, **PIP**, **REW**, **PLAY, FF**, **STOP** and **PAUSE**.

Important: *For a detailed explanation of what function each key will perform by device type (TV, VCR, CBL, etc.), please refer to pages 45 through 57.*

SETTING THE CLOCK

To set up the CLOCK/TIME on the display screen:

1   **MAGIC**   Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2   **MENU-** **x 2**   **SELECT**   Press the **MENU** - key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL].

3   **MENU-**   **SELECT**   Press **MENU** - one time, the display will change to [TIME SET]. Press **SELECT** again.

4   **0 - 9**   The display will change to [TIME] and the first digit in the time will blink. Enter either a **0** or a **1**, then the next digit in the time will begin to blink, continue entering the time until all four digits of the time have been set.

5   **MENU-**   **SELECT**   After the time has been set, AM/PM will then blink. Press **MENU** - to toggle between AM and PM, once AM or PM is selected, press **SELECT**.

6   **MENU-**   **SELECT**   The display will then change to the day of the week (MON, TUES, WED, THURS, FRI, SAT or SUN). Use **MENU** - to toggle through the days until the proper day of the week is displayed on the screen, then press **SELECT**. The display will return to the [DEVICE and the TIME] screen with the correct time on the display.

NOTE: After changing the batteries, you will have to reprogram the clock.

QUICK SET UP

To Quickly Set Up the A/V Producer to Operate Your Home Entertainment Components

1   Turn on all of the components that you will be setting up.

2 **TV** Press and release the **TV** key.

3 **MAGIC** Press and hold **MAGIC** until the display screen changes from [TV and the TIME] to [TIMED SEQ].

4 **MENU-** **SELECT** Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SETUP]. Press **SELECT**. The display will change to [TV}.].

5 **SELECT** **POWER** **VCR** Enter the first TV code listed for your brand in the "Set Up Codes for TVs" on pages 10-12, then press **SELECT**. Point the remote control at the TV and press **POWER**. Your Television should turn OFF. If your TV does not turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once your TV turns OFF, press **VCR**. You will now enter your VCR code.

6 **SELECT** **POWER** **CBL** Enter the first VCR code listed for your brand in the "Set Up Codes for VCRs" on pages 13-14, then press **SELECT**. Point the remote control at the VCR and press **POWER**. Your VCR should turn OFF. If your VCR does not turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once your VCR turns OFF, press **CBL**. You will now enter your Cable Box code.

7 **ESC** Continue to enter your codes as illustrated in Steps 5 and 6 until the *A/V Producer* is operating all of your home entertainment components. Once you have finished setting up your components, press **ESC** to return to the [DEVICE and TIME] display.

If you would like to setup each of your components individually, or if you purchase a component after you have set up the A/V Producer, see the "SETTING UP INDIVIDUAL HOME ENTERTAINMENT COMPONENTS" section on pages 10 - 22 in this manual.

SETTING UP INDIVIDUAL HOME ENTERTAINMENT COMPONENTS

To Set Up Your Television

1   Turn on your TV.

2 TV   Press and release the **TV** key.

3 MAGIC   Press and hold **MAGIC** until the display screen changes from [TV and the TIME] to [TIMED SEQ].

4 ▼ MENU-   SELECT   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 SELECT   Press **SELECT** and the display screen will change to [TV].

6 SELECT POWER ESC   Enter the first TV code listed for your brand in the "Set Up Codes for TVs" on pages 10-12, then press **SELECT**. Point the remote control at the TV and press **POWER**. Your Television should turn OFF. If your TV turns OFF, press the **ESC** key to return the display to [TV and the TIME]. If your TV does not turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [TV and the TIME].

For a detailed explanation of what function each key will perform in the TV mode, please refer to page 45 in the index.

Set Up Codes for TVs

Brand	Code	Brand	Code
A-Mark	003	Anam National	055
Abex	032	AOC	030, 019, 185, 080, 056, 003, 052
Admiral	093, 016, 180, 165, 179		
Adventura	046	Archer	003
Aiko	092	Audiovox	180, 003
Akai	030, 056, 145, 151	Belcor	019, 030
		Bell & Howell	016, 154, 179, 180
Alleron	179, 183		
Ambassador	177	Bradford	180
Anam	180	Brockwood	019

Set Up Codes for TVs (cont.)

Brand	Code	Brand	Code
Broksonic	236, 463, 180, 003	Magnasonic	054, 156, 179, 092, 030, 093, 019, 003
Candle	030, 056, 186, 046		
		Magnavox	054, 096, 186, 030, 187, 020, 024, 028, 036, 386
Carnivale	030		
Carver	054 , 187, 170		
CCE	217		
Celebrity	000	Majestic	016, 017
Citizen	092, 060, 030, 056, 280, 186, 046, 039	Marantz	030, 054, 096, 187
		Matsushita	250
Clairtone	185	Megatron	003, 145, 178
Concerto	056	MEI	185, 051
Contec	180, 185, 157, 158	Memorex	016, 056, 106, 150, 154, 178
Craig	180	MGA	150, 155, 178, 030, 019, 093
Crown	180, 039		
Curtis Mathes	047, 060, 054, 154, 030, 039	Midland	017, 032, 039, 047, 051, 135
CXC	180	Minutz	021
Daewoo	451, 092, 019, 039, 091	Mitsubishi	150, 155, 178, 030, 019, 093, 241
Daytron	056, 092		
Dumont	017, 019	Motorola	093, 055, 054, 150, 051
Dynatech	046		
Electroband	000, 185	MTC	060, 056, 030, 019, 185, 091
Electrohome	381, 389, 409		
Emerson	463, 236, 180, 177, 179, 280, 178, 282, 154, 019, 185, 038, 039, 158, 181, 182, 183, 270	Multitech	180, 217, 019
		NAD	156, 166, 178, 019
		NEC	019, 030, 036, 056
		Nikko	030, 092, 178
Envision	030	Noblex	430
Fisher	154, 159	Noshi	018
Fujitsu	179	NTC	092
Funai	171, 179, 180	Onwa	180
Futuretech	180	Optimus	154, 166, 250, 463, 180, 179, 150, 165
GE	047, 451, 051, 021, 027, 282, 055, 178, 029, 135, 174, 279		
		Optonica	093, 165
Gibralter	017, 019, 030	Orion	236, 463, 180, 179
Goldstar	056, 019, 030, 178, 001, 002, 032	Panasonic	250, 051, 055, 054
		Penney	047, 051, 060, 019, 018, 030, 156, 021, 027, 178, 003, 135, 039, 002, 032, 149
Grunpy	179, 180		
Hallmark	178, 179, 236, 019		
Harvard	180, 236, 178, 179		
Hitachi	145, 151, 056, 032, 038, 279, 409, 413	Philco	054, 096, 030, 019, 187, 020, 028
Infinity	054	Philips	054, 096, 030, 019, 187, 020, 028
Janeil	046		
JBL	054		
JCB	000	Pilot	019, 030, 039
JVC	053, 036, 182, 169, 069, 160	Pioneer	166, 038
		Portland	092, 019, 039
Kawasho	158	Prism	051, 055
Kaypani	052	Proscan	047
KEC	180, 060	Proton	003, 052, 178
Kenwood	019, 030	Pulsar	092, 017, 019
Kloss	030, 046, 024	Quasar	250, 051, 055, 165
KMC	106		
KTV	030, 039, 180, 183, 185, 217, 280	RadioShack	019, 030, 032, 039, 047, 056, 154, 165, 178, 180, 409
Logik	016, 180, 236		
Luxman	056	RCA	047, 018, 019, 029, 038, 090, 135, 147, 278, 093
LXI	047, 054, 148, 154, 156, 178		

Realistic	019, 030, 032, 039, 056, 154, 165, 178, 180	Sylvania	054, 096, 030, 187, 186, 020, 028
Rhapsody	183, 185	Symphonic	171, 179, 180
Runco	017, 030	Tandy	093, 165, 054, 047, 039
Sampo	030, 032, 039, 052	Tatung	055, 051, 003
Samsung	060, 019, 030, 032, 056, 178, 427, 482	Technics	051, 250, 055
		Technol Ace	179
		Techwood	003, 051, 056
Samsux	039	Teknika	092, 054, 060, 056, 019, 015, 180, 179, 186, 150, 039, 312
Sanyo	154, 159, 146		
Scimitsu	019		
Scotch	178		
Scott	019, 178, 179, 180, 236	TMK	056, 177, 178, 236
Sears	047, 054, 056, 146, 148, 149, 154, 156, 159, 171, 178, 179	Toshiba	156, 154, 060, 036, 149
		Tosonic	185
		Totevision	039
Sharp	093, 039, 153, 157, 165, 386	Trical	157
		Universal	027, 021, 047
Shogun	019	Vector Research	030
Signature 2000	016, 047, 054, 019	Victor	053
		Vidikron	054, 242
Simpson	186, 187, 030	Vidtech	019, 036, 178
Sony	000, 080	Viking	046
Soundesign	178, 179, 180, 186	Wards	154, 016, 096, 030, 056, 165, 019, 021, 027, 020, 178, 179, 080, 174, 028, 029
Spectricon	003, 180, 030, 019, 056		
Squareview	171		
SSS	019, 180, 236		
Starlite	180, 236, 019	Zenith	017, 092, 016
Supre-Macy	046, 186	Zonda	003
Supreme	000		

To Set Up Your VCR or TV/VCR Combinations

1 Turn on your VCR and insert a tape.

2 **VCR** Press and release the **VCR** key.

3 **MAGIC** Press and hold **MAGIC** until the display screen changes from [VCR and the TIME] to [TIMED SEQ].

4 **▼ MENU-** **SELECT** Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 **SELECT** Press **SELECT** and the display screen will change to [VCR].
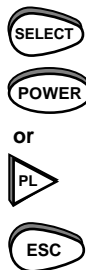
6 **SELECT** **POWER** or **PL** **ESC** Enter the first VCR code listed for your brand in the "Set Up Codes for VCRs" on pages 13-14, then press **SELECT**. Point the remote control at the VCR and press **POWER** or **PLAY**. Your VCR should turn OFF or start to play. If your VCR turns OFF or starts to play, press the **ESC** key to return the display to [VCR and the TIME]. If your VCR does not turn OFF or start to play, enter the next code in the code list then press **SELECT** followed by **POWER** or **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [VCR and the TIME].

For a detailed explanation of what function each key will perform in the VCR mode, please refer to page 47 in the index.

Set Up Codes For VCRs

Admiral	048	GE	035, 060, 065, 202, 048
Adventura	000		
Aiko	278	Go Video	232, 279, 240, 526
Aiwa	000		
Akai	041, 049, 053, 061, 106	Goldstar	037, 038, 278
		Gradiente	000
American High	035, 081	Harley Davidson	000
Asha	240	Harman/Kardon	038, 075
Audiovox	037, 038	Harwood	068, 072
Beaumark	240	Havard	072
Bell & Howell	104, 048, 046	Headquarter	046
Broksonic	184, 209, 121, 211, 295, 361, 002, 479	HI-Q	047
		Hitachi	042, 000, 041, 065, 105, 166, 396
Calix	037		
Candle	037, 038	Jensen	041, 008, 067
Canon	035	JVC	008, 041, 067, 206
Capehart	020		
Carver	081	KEC	037, 278
CCE	072, 278	Kenwood	038, 041, 067, 008
Citizen	037, 278, 240, 035, 000	KLH	072
		Kodak	035, 037
Colt	072	Lloyds	208, 072, 038
Craig	037, 047, 072, 240, 271	Logik	072
Curtis Mathes	035, 041, 060, 202	LXI	037, 035, 042, 046, 047, 054, 066, 104, 105
Cybernex	051, 240		
Daewoo	020, 045, 278, 046	Magnasonic	240, 037, 278, 020, 072
Daytron	020, 278	Magnavox	035, 039, 081, 110, 149
Dynatech	000		
Electrohome	037, 240, 043	Magnin	240
Electrophonic	037	Marantz	035, 081
Emerex	032	Marta	037
Emerson	184, 209, 479, 000, 002, 036, 037, 043, 061, 068, 121, 208, 211, 212, 278, 294, 295, 361	Matsushita	035, 162, 454, 081, 110
		MEI	035
		Memorex	000, 035, 037, 039, 046, 047, 048, 104, 240
Fisher	047, 054, 066, 104, 046	MGA	043, 061
		MGN Technology	240
Fuji	033, 035, 032, 034	Minolta	042, 105
		Mitsubishi	043, 061, 067, 075, 173, 008, 048
Funai	000, 278, 072, 240		
Garrard	000		

Set Up Codes For VCRs (Cont.)

Brand	Code	Brand	Code
Motorola	035, 048	Runco	039
MTC	000, 240	Salora	075
Multitech	000, 072	Samsung	240, 045, 051, 053
NAD	104	Sanky	039, 048
NEC	038, 040, 041, 067, 104, 008	Sansui	041, 067, 271, 209, 072, 002, 479, 008
Nikko	037		
Nikon	034	Sanyo	104, 046, 047, 054, 240
Noblex	240		
Olympus	035	Scott	043, 045, 121, 184, 210, 211, 212
Optimus	037, 048, 104, 162, 454		
Optonica	062	Sears	035, 037, 042, 046, 047, 054, 066, 104, 105, 000
Orion	184, 209, 000, 479, 002, 036, 037, 043, 061, 068, 121, 028, 211, 212, 278, 294, 295, 361		
		Sharp	048, 062
		Shintom	072, 000, 240
		Shogun	051, 240
Panasonic	035, 162, 254, 378, 454	Singer	072, 037, 240
Penney	035, 037, 038, 040, 042, 054, 240	Sony	032, 033, 034, 035
		STS	042
Pentax	042, 065, 105	Sylvania	000, 035, 043, 081, 110
Philco	035, 081, 110		
Philips	035, 062, 081, 110	Symphonic	000
		Tatung	041, 067, 000
Pilot	037	TEAC	000, 041
Pioneer	067, 008	Technics	035, 162, 454
Portland	020	Teknika	000, 035, 037
Protec	072	TMK	036, 208, 240
Pulsar	039, 051, 240, 278	Toshiba	043, 045, 060, 066, 210, 212, 366
Quarter	046		
Quartz	046	Totevision	037, 240
Quasar	035, 162, 454	Unitech	240
RadioShack	000, 037, 035, 048	Vector	045
		Vector Research	038, 040
Radix	037	Video Concepts	040, 045, 061
Randex	037	Videosonic	240, 000, 072
RCA	060, 202, 042, 149, 048, 065, 105, 106, 035	Wards	000, 035, 042, 047, 048, 060, 062, 072, 149, 212, 240, 202
Realistic	000, 035, 037, 046, 047, 048, 062, 066, 104, 240		
		XR-1000	000, 035, 072, 240
		Yamaha	038
Ricoh	034, 035	Zenith	039, 033, 034, 000

Set Up Codes for TV/VCR Combinations

Brand	Code	Brand	Code
American High	035*	Memorex	037, 162*
Broksonic	002, 294, 479	MGA	240
Colt	072	Mitsubishi	048*
Curtis Mathes	035*	Orion	002, 294, 479
Daewoo	278	Panasonic	035*, 162*
Emerson	002, 294, 479	Penney	035*, 240, 162*
Funai	000	Quasar	035*, 162*
GE	035*, 060*, 048*, 240	RCA	060*, 035*, 048*
Harley Davidson	000	Sansui	000, 479
Hitachi	035*, 000	Sanyo	240
HQ	000	Sears	000, 037
Lloyd's	000	Sony	032
Magnavox	000, 035*, 081*	Symphonic	000
Magnin	240	Zenith	000, 037

Note*:
TV/VCRs working on 032 will need TV code 000 for volume control.
TV/VCRs working on 035 will need TV code 051 for volume control.
TV/VCRs working on 048 will need TV code 093 for volume control.
TV/VCRs working on 060 will need TV code 047 for volume control.
TV/VCRs working on 081 will need TV code 054 for volume control.
TV/VCRs working on 162 will need TV code 250 for volume control.
TV/VCRs working on 294 will need TV code 236 for volume control.

To Set Up Your Cable Box:

1 Turn on your Cable Box.

2 [CBL] Press and release the **CBL** key.

3 [MAGIC] Press and hold **MAGIC** until the display screen changes from [CBL and the TIME] to [TIMED SEQ].

4 [MENU- / SELECT] Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 [SELECT] Press **SELECT** and the display screen will change to [CBL].

6 [SELECT / POWER / ESC] Enter the first Cable Box code listed for your brand in the "Set Up Codes for Cable Boxes" on page 16, then press **SELECT**. Point the remote control at the Cable Box and press **POWER**. Your Cable Box should turn OFF. If your Cable Box turns OFF, press the **ESC** key to return the display to [CBL and the TIME]. If your Cable Box does not turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [CBL and the TIME].

Note: *If your original Scientific Atlanta remote control does not have an "ON" key, press* **CH+** *or one of the digit keys on the A/V Producer to turn your Cable Box on.*

For a detailed explanation of what function each key will perform in the Cable mode, please refer to page 45 in the index.

Set Up Codes For Cable Boxes

Brand	Code	Brand	Code
ABC	003, 014, 007, 008, 011, 017, 001, 013	Philips	025, 027, 031, 153, 242, 290, 334
Allegro	153, 000, 315, 191	Pioneer	533, 144, 023, 260
Antronix	022, 207	Popular Mechanics	400
Archer	022, 153, 207, 797	Prelude	770
		Pulsar	000
Cabletenna	022	RadioShack	797
Cableview	022	RCA	021
Century	153	Realistic	207
Citizen	153, 315	Recoton	400
Colour Voice	025, 031	Regal	020, 259, 273, 279
Comband	232, 233	Regency	002
Comtronics Eagle	040, 060, 008	Rembrandt	011, 153
Contec	019	Runco	000
Eastern	002	Samsung	040, 144
Everquest	015, 040	Scientific Atlanta	008, 477, 017, 006
Focus	400	Signal	015, 040
Garrard	153	Signature	011
GC Electronics	207	SL Marx	040
GE	232, 233	Sprucer	021, 307
Gemini	015, 057, 242	Starcom	003, 015
General Instrument	476, 276, 003, 014, 011	Stargate	015, 040, 770
Goldstar	040, 144	Starquest	015
Hamlin	009, 020, 034, 259, 273	Starsight	542
Hitachi	011	Sylvania	001
Hytex	007	Tandy	258
Infinity	770	TeleCaption	221
Jasco	153, 315	Teleview	040, 063
Jerrold	003, 014, 476, 012, 011, 015, 024, 276	Texscan	001
		Timeless	418
Macom	033	Tocom	012, 013
Magnavox	027, 334	Toshiba	000
Memorex	000	Tusa	015
Movie Time	063, 156	TV86	063, 040
NSC	063, 156	Unika	022, 153, 207
Novaplex	618	United Artists	007
Novavision	008, 017, 477	United Cable	003
NSC	063, 156	Universal	022, 077, 153, 191, 207
Oak	007, 019	Videoway	250
Omega	015	Viewstar	027, 060, 063, 211, 258
Panasonic	000, 021, 107		
Panther	637	Zenith	000, 525
Paragon	000	Zentek	400

To Set Up Your DSS or Satellite Receiver

1   Turn on your DSS or Satellite Receiver.

2 **[SAT]**   Press and release the **SAT** key.

3 **[MAGIC]**   Press and hold **MAGIC** until the display screen changes from [SAT and the TIME] to [TIMED SEQ].

4 **[▼ MENU-]** **[SELECT]**   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 **[SELECT]**   Press **SELECT** and the display screen will change to [SAT].

6 **[SELECT]** **[POWER]** **[ESC]**   Enter the first Satellite code listed for your brand in the "Set Up Codes for Satellites" on page 17, then press **SELECT**. Point the remote control at the Satellite and press **POWER**. Your Satellite should turn OFF. If your Satellite turns OFF, press the **ESC** key to return the display to [SAT and the TIME]. If your Satellite does **not** turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [SAT and the TIME].

For a detailed explanation of what function each key will perform in the Satellite mode, please refer to page 55 in the index.

Set Up Codes for DSS and Satellite Receivers

Brand	Code	Brand	Code
AlphaStar DSS	772	Jerrold	361
Amplica	072	Legend	269
Amway	043, 075	Macom	018, 050, 061
Astro Industries	095	Magnavox DSS	724, 722
BSR	095	Memorex	269
Cable Innovations	554, 555	Norsat	004
Capetronic	095	Panasonic	152
Century	538	Panasonic DSS	701
Channel Master	018, 212	Pansat	647
Chaparral	053, 209, 216	Philips	200
Citoh	164	Philips DSS	724, 722
Conifer	004	Pico	075
Curtis Mathes	061, 072	Primestar DSS	627
Drake	018, 064, 149, 245	Prosat	158
		RadioShack	554
DX Antenna	041	Ramsey	075
Echostar	148, 159, 269, 280	RCA DSS	566
		Realistic	051, 052
Echostar DSS	775	Sony DSS	639
General Instrument	050, 361, 554, 555	Star Trak	180, 421, 547
		Strong	421
Hitachi DSS	819, 749	STS	041, 210
Homecable	238	Toshiba	061, 082
HTS DSS	775	Toshiba DSS	790
Hughes DSS	749, 819	Uniden	052, 074, 076, 238, 296, 370, 554, 555
Hytek	095		
Intersat	043		
IQ	210	Uniden DSS	724, 722
Janeil	152	Zenith	061, 064
Jerrold Primestar	627		

To Set Up Your Laser Disc Player:

1   Turn on your Laser Disc Player and insert a disc.

2 **AUX1**   Press and release the **AUX 1** key.

3 **MAGIC**   Press and hold **MAGIC** until the display screen changes from [LDP and the TIME] to [TIMED SEQ].

4 **▼ MENU-** **SELECT**   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 **SELECT**   Press **SELECT** and the display screen will change to [LDP].

6 **SELECT** **POWER** **or** **PL** **ESC**   Enter the first Laser Disc code listed for your brand in the "Set Up Codes for Laser Disc Players" on page 16, then press **SELECT**. Point the remote control at the Laser Disc Player and press **POWER** or **PLAY**. Your Laser Disc Player should turn OFF or play your disc. If your Laser Disc Player turns OFF or plays your disc, press the **ESC** key to return the display to [LDP and the TIME]. If your Laser Disc Player does **not** turn OFF or play your disc, enter the next code in the code list then press **SELECT** followed by **POWER** or **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [LDP and the TIME].

For a detailed explanation of what function each key will perform in the AUX1 mode, please refer to page 50 in this index.

Set Up Codes for Laser Disc Players

Brand	Code	Brand	Code
Aiwa	203	Panasonic	204
Carver	064, 194, 323	Philips	064, 194
Denon	172, 241	Pioneer	059, 023
Disco Vision	023	Quasar	204
Funai	203	RCA	128, 351
Hitachi	023	Realistic	203
Magnavox	194, 217, 241	Samsung	323
Marantz	064, 194	Sega	023
Mitsubishi	059	Sony	193, 201, 270
NAD	059	Theta Digital	194
NEC	286	Yamaha	217

To Set Up Your CD Player:

1   Turn on your CD Player and insert a disc.

2 **CD**   Press and release the **CD** key.

3 **MAGIC**   Press and hold **MAGIC** until the display screen changes from [CD and the TIME] to [TIMED SEQ].

4 **▼ MENU-** **SELECT**   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 **SELECT**   Press **SELECT** and the display screen will change to [CD].

6 **SELECT** **PL** **ESC**   Enter the first CD code listed for your brand in the "Set Up Codes for CD Players" on pages 19-20, then press **SELECT**. Point the remote control at the CD Player and press **PLAY**. Your CD Player should start to play your disc. If your CD Player plays your disc, press the **ESC** key to return the display to [CD and the TIME]. If your CD Player does **not** play your disc, enter the next code in the code list then press **SELECT** followed by **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [CD and the TIME].

For a detailed explanation of what function each key will perform in the CD mode, please refer to page 56 in the index.

Set Up Codes for CD Player

Brand	Code	Brand	Code
Acoustic Research	123	Crown	122
ADC	018, 033	DAK	245
Adcom	155, 234	Denon	003, 034
Aiwa	012, 124, 157	DKK	000
Akai	156, 676	Emerson	155, 164, 305, 469
Alpine	341		
Audio Alchemy	194	Fisher	048, 088, 174, 179, 342
Audio-Technica	170		
BSR	194, 245	Garrard	245, 280, 393, 420, 425, 633
Burmester	420		
California Audio Lab	029	GE	009, 334
Capetronic	237	Genexxa	032, 164, 305
Carrera	194	Goldstar	030, 417, 525
Carver	157, 179, 299, 365, 437	Gradiente	558
		Harman/Kardon	108, 426
Craig	615	Hitachi	032, 139, 155

Set Up Codes for CD Player (Cont.)

Brand	Code	Brand	Code
Inkel	065	Proton	152, 157
JVC	072, 655, 658	QED	157
Kenwood	028, 037, 048, 190, 337, 338, 339, 340, 523	Quasar	029
		RCA	009, 053, 155, 179, 305, 764
Kodak	287	Realistic	155, 164, 175, 179, 180, 237, 420
Koss	734		
Krell	157		
Kyocera	018	Rotel	157, 420
Luxman	093, 149, 327	SAE	157
LXI	305	Samsung	524
Magnavox	038, 129, 157, 526	Sansui	157, 202, 216, 305
Marantz	005, 029, 038, 157, 180, 435	Sanyo	087, 179
		Schneider	560
McIntosh	287	Scott	155, 164, 305
MCS	029, 043, 345, 454	Sears	305
		Sharp	037, 180, 262, 265
MGA	083		
Mission	157	Sherwood	065, 114, 180, 196, 426
Mitsubishi	083, 098		
MTC	420	Shure	043
NAD	019, 299	Signature	108
Nakamichi	147	Signature 2000	108
NEC	043, 130, 234	Sony	000, 185, 490, 604, 605, 727
Nikko	164, 169, 170, 174, 525		
		Soundesign	145, 425
NSM	157	STS	018
Onkyo	101, 102, 138, 381	Symphonic	183
		Tascam	420
Optimus	000, 032, 037, 087, 175, 179, 194, 196, 280, 305, 342, 420, 426, 437, 468, 536	TEAC	016, 045, 153, 174, 180, 183, 378, 393, 420
		Technics	029, 207, 303
		Toshiba	019, 299
		Vector Research	033, 194, 417
Panasonic	029, 367, 388, 752	Victor	072
		Wards	108
Parasound	194	Yamaha	036, 170, 187, 261
Philco	603, 734		
Philips	157, 274, 287	Yorx	461
Pioneer	032, 244, 305, 468, 551	Zenith	615

To Set Up Your Tuner/Receiver

1 Turn on your Tuner/Receiver.

2 [TUN] Press and release the **TUN** key.

3 [MAGIC] Press and hold **MAGIC** until the display screen changes from [TUN and the TIME] to [TIMED SEQ].

4 [▼ MENU-] [SELECT] Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5 [SELECT] Press **SELECT** and the display screen will change to [TUNER].

6 [SELECT] [POWER] [ESC] Enter the first Tuner code listed for your brand in the "Set Up Codes for Tuner/Receivers" on page 21, then press **SELECT**. Point the remote control at the Tuner/Receiver and press **POWER**. Your Tuner/Receiver should turn OFF. If your Tuner/Receiver turns OFF, press the **ESC** key to return the display to [TUN and the TIME]. If your Tuner/Receiver does **not** turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [TUN and the TIME].

For a detailed explanation of what function each key will perform in the Tuner mode, please refer to page 54 in the index.

Set Up Codes for Tuner/Receivers

Brand	Code	Brand	Code
ADC	531	NEC	235
Adcom	616	Onkyo	135, 100, 119, 380
Admiral	182		
Aiwa	121, 125, 158, 189, 405	Optimus	080, 177, 181, 186, 219, 440, 531, 670
Akai	076, 224		
Bose	639	Panasonic	039, 518, 309
Capetronic	531	Penney	195, 201
Carver	008, 042, 189, 360, 412	Philips	189, 412
		Pioneer	014, 080, 150, 289, 531, 630
Casio	195, 201		
Clarinette	195	Quasar	039
Curtis Mathes	201	RCA	054, 346, 360, 530, 531
Denon	004, 273, 771, 386		
		Realistic	163, 181, 182, 195
Emerson	255, 424		
Fisher	042, 219, 360	Sansui	189, 346
Garrard	281, 424, 440, 463	Sanyo	219
		Scott	105, 163, 322, 390
Goldstar	281, 386		
Harman/Kardon	110	Sears	201
Hitachi	386	Sharp	186
Inkel	062	Sherwood	062, 491, 502
JVC	074, 464	Sonic	281
Kenwood	027, 077, 186, 313, 314	Sony	158, 238
		Soundesign	670
Koss	255, 424	Symphonic	182
Lloyd	195	TEAC	463, 163, 298, 387
Luxman	166		
LXI	181	Technics	039, 208, 309, 518
Magnavox	128, 189, 195, 531		
		Techwood	281
Marantz	189, 006, 039, 128, 200, 412	Victor	074
		Wards	014, 042, 054, 080, 158, 189
MCS	039, 201, 346		
Modulaire	195	Yamaha	176, 081, 082, 186
NAD	320		
Nakamichi	347	Yorx	195
		Zenith	281

To Set Up Your Amplifier

1   Turn on your amplifier.

2   **[AMP]**   Press and release the **AMP** key.

3   **[MAGIC]**   Press and hold **MAGIC** until the display screen changes from [AMP and the TIME] to [TIMED SEQ].

4   **[▼ MENU-]** **[SELECT]**   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5   **[SELECT]**   Press **SELECT** and the display screen will change to [AMP].

6   **[SELECT]** **[POWER]** **[ESC]**   Enter the first Amplifier code listed for your brand in the "Set Up Codes for Amplifiers" on page 22, then press **SELECT**. Point the remote control at the Amplifier and press **POWER**. Your Amplifier should turn OFF. If your Amplifier turns **OFF**, press the **ESC** key to return the display to [AMP and the TIME]. If your Amplifier does **not** turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [AMP and the TIME].

For a detailed explanation of what function each key will perform in the Amplifier mode, please refer to page 55 in the index.

Set Up Codes for Audio Amplifiers

Accuphase	382	Nakamichi	321
Acurus	765	NEC	264
AudioSource	011	Optimus	013, 300, 395
Carver	269	Panasonic	308
Denon	160	Philips	269
Elan	647	Pioneer	013, 300
Forte	606	Realistic	395
GE	078	Sansui	321
Goldstar	031	Shure	264
Harman/Kardon	106	Sony	220, 689
JVC	331	Soundesign	078, 211
Kenwood	356	Technics	308
Luxman	165	Victor	331
Magnavox	269	Wards	013, 078, 211
Marantz	269, 321	Yamaha	133, 143, 354,
McIntosh	251		504

SETTING UP ADDITIONAL HOME ENTERTAINMENT COMPONENTS

Besides the device keys that are already labeled (TV, VCR, CBL, etc.), the *A/V Producer* can also operate the following components: DVD Players, Cassette Decks, Home Automation, Digital Audio Tape, Phonographs, Video Accessories and Miscellaneous Audio Components (Graphic Equalizers and Digital Music Service Boxes).

The Set Up codes for these devices can be accessed under the following device keys:

DVD Players:	Use the **AUX1** Key
Cassette Decks:	Use the **AUX1** Key
Home Automation:	Use the **CD** Key
Digital Audio Tape:	Use the **AUX1** Key
Phonographs:	Use the **CD** Key
Video Accessories:	Use the **CBL** Key
Miscellaneous Audio:	Use the **AMP** Key

Note: *Each device key (**TV**, **VCR**, **CBL** etc.) can only operate one component at a time. If you have already set up a component on a key, then assigning a second component on the same key will erase the code for the first component you set up. For example, if you set up a Laser Disc Player on **AUX1** and then set up a DVD Player on **AUX1**, the A/V Producer will only operate the DVD Player.*

For example, to set up a DVD Player on the **AUX1** key:

1   Turn on your DVD Player and insert a disc.

2   **[AUX1]**   Press and release the **AUX1** key.

3   **[MAGIC]**   Press and hold **MAGIC** until the display screen changes from [LDP and the TIME] to [TIMED SEQ].

4   **[▼ MENU-]** **[SELECT]**   Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

5   **[SELECT]**   Press **SELECT** and the display screen will change to [LDP].

6 Press **MENU -** to toggle between [LDP], [DVD], [TAPE] and [DAT]. Once [DVD] is on the display screen, enter the first DVD Player code listed for your brand in the "Set Up Codes for DVD Players" on page 25, then press **SELECT**. Point the remote control at the DVD Player and press **POWER** or **PLAY**. Your DVD Player should turn OFF or play your disc. If your DVD Player turns OFF or plays your disc, press the **ESC** key to return the display to [DVD and the TIME]. If your DVD Player does not turn OFF or play your disc, enter the next code in the code list then press **SELECT** followed by **POWER** or **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [DVD and the TIME].

Re-assigning Device Keys

You can use the *A/V Producer* to operate a second TV or a second VCR or any combination of eight devices. To do this, you must re-assign one of the device keys (**TV**, **VCR/LD**, **CBL**, **SAT**, **AMP**, **TUN** or **CD**) to operate your second device. For example, to re-assign one of the device keys to support your other components:

1 Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2 x 2 Press the **MENU -** key twice. The display screen will change to [CONFIGURE]. Press **SELECT**. The display will change to [THEATER SEL].

3 x 3 Press the **MENU -** key three times. The display screen will change to [MODE MAP]. Press **SELECT**. The display screen will change to [SOURCE].

4 (Device Key) Press the device key you would like to move (for DVD Players it would be **AUX1** or for a second TV, it would be the **TV** key). The display screen will change to [COPY TO]. Now press the unused device key you would like to replace. The display will change to [DEVICE2 and the TIME]. Now, proceed with programming the re-assigned device key with the appropriate code.

Note: *Initially, moving* **AUX 1** *to another key will display [LDP2]. To access [DVD2], you must follow instructions on page 25 to access "Additional Home Entertainment Components."*

Set Up Codes for DVD Players

Philips	482	Toshiba	503
Panasonic	490		

Set Up Codes for Cassette Decks

ADC	171	Nakamichi	147, 151, 218, 247, 248
Aiwa	029, 197, 200		
Akai	283	Onkyo	136, 282
Carver	029, 261	Optimus	027, 220, 300, 337, 439
Denon	076, 421		
Fisher	074, 261	Philips	029
Garrard	300, 308, 309, 375, 439, 448	Pioneer	027, 099, 220
		RCA	261
Goldstar	421	Sansui	029
JVC	244, 273, 274, 303, 310	Sharp	231
		Sherwood	337
Kenwood	070, 071, 092, 233, 234	Sonic	375
		Sony	170, 243, 291
Kyocera	171	TEAC	280, 289, 308, 309
Magnavox	029		
Marantz	029	Technics	229, 353
MGA	313	Victor	273, 274
Mitsubishi	283, 313	Wards	027
		Yamaha	094, 097

Set Up Codes for Home Automation

Audio Access	154	ProPresenter	607, 672
GE	240	RadioShack	240
LiteTouch	084	Sanyo	336
Lutron	318	Universal X10	167
One For All X10		X10	167
Security System	167		

Set Up Codes for Digital Audio Tape

Carver	158	
Marantz	158	
Philips	158	

Set Up Codes for Phonographs

Aiwa	188	Marantz	188
Carver	188	Philips	188
Magnavox	188		

Set Up Codes for Video Accessories

Rabbit	081	SuperGuide	169
Roctec	456	TeleCaption	171

Set Up Codes for Miscellaneous Audio

Adcom	577	Nikko	376
Aiwa	010, 159	Paramount	
AudioSource	351	Pictures	317, 351
BSR	392		
Cambridge		RCA	056
Soundworks	351	Sansui	325
Carver	351	Schneider	376
Fisher	052	Scientific Atlanta	460
Fosgate	259, 447	Sony	010, 159
HarmanKardon	447	Soundesign	376
JBL	447	Soundstream	447
Jerrold	459, 520	SSI	317
JVC	073	Starcom	459
KLH	351	Yamaha	292
Magnavox	325	Yorx	376

SEARCHING FOR YOUR CODE

If your components do not respond to the *A/V Producer* after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code. For example, after trying all of the codes for your brand of TV, you still cannot get the *A/V Producer* to operate your TV, then:

1 Press and release the **TV** key.

2 Press and hold **MAGIC** until the display screen changes from [TV and the TIME] to [TIMED SEQ].

3 Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

4 Press the **MENU -** key one time. The display screen will change to [DEV SEARCH]. Press **SELECT**. The display will change to [TV and XXX].

Note: *XXX represents the last 3 digit code that was entered prior to starting the search.*

5 Press **POWER**. If your TV turns OFF, press **SELECT** to lock in your code and return the display to [TV and the TIME]. If your TV does not turn OFF, press **MENU -**. The next available code will appear on the display screen, then press **POWER** again. Continue to press **POWER** then **MENU -** until your TV turns OFF. Once your TV turns OFF, press **SELECT** to lock in your code and return the display to [TV and the TIME].

Note: *If you are searching for your VCR, CD Player, Laser Disc Player or DVD Player code, you may want to use* **PLAY** *instead of* **POWER**. *Once your component plays, press* **SELECT** *to lock in your code.*

After you have set up your components using the search, you may need to find out which three-digit code is operating your components. For example, to find out what three-digit code is operating your TV:

1　`TV`　Press and release the **TV** key.

2　`MAGIC`　Press and hold **MAGIC** until the display screen changes from [TV and the TIME] to [TIMED SEQ].

3　`MENU-` `SELECT`　Press the **MENU -** key one time. The display screen will change to [CODE SET UP]. Press **SELECT**. The display will change to [DEV SET UP].

4　`MENU-` **x 2** `SELECT`　Press the **MENU** - key two times. The display screen will change to [DEV NUMBER]. Press **SELECT**. The display screen will then change to [TV and your code]. Once you have written your three-digit code down, press **ESC** to return the display to [TV and the TIME].

TV code ☐☐☐

VCR Code ☐☐☐

Cable Code ☐☐☐

Satellite Code ☐☐☐

Tuner Code ☐☐☐

Amplifier Code ☐☐☐

CD Player Code ☐☐☐

AUX1 Code ☐☐☐

The HOME THEATER mode key brings all of the most commonly used home theater functions into one mode of the *A/V Producer*. When setting up the HOME THEATER mode key, you will choose which components will control your volume, channel changing, Playback, Picture-in-Picture and menu functions.

1　`HOME THEATER`　Press and release the **HOME THEATER** mode key.

2　`MAGIC`　Press and hold **MAGIC** until the display screen changes from [THEATER and the TIME] to [TIMED SEQ].

3　`MENU-` **x 2** `SELECT` **x 2**　Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL], press **SELECT**. The display will change to [AUDIO].

4　`SELECT` **(Device Key)** `SELECT`　Press **SELECT**. This will change the display to [AMP]. At this screen you will select the device that will control your Volume in the Home Theater Mode. Use the device keys (**AMP**, **TUNER**, **TV**, **CABLE**, **SAT** or **AUX 1**) to choose your AUDIO selection. Once you choose the AUDIO source, press **SELECT**. For ex- ample, if your Tuner will control your volume in the Home Theater Mode, press **TUN** + **SELECT**. The display will change to [CHANNEL]. This will allow you to choose the device that will control your channel changing.

5 (SELECT) **(Device Key)** (SELECT)

Press **SELECT**. This will change the display to [SAT]. Use the device keys (**TV**, **VCR**, **SAT**, **CBL** or **AUX 1**) to choose your CHANNEL source, then press **SELECT**. For example, if your Satellite will control your channel changing in the Home Theater Mode, press **SAT** + **SELECT**. The display will change to [PLAYBACK]. This will allow you to choose the device that will control the transport keys (**PLAY**, **REW**, **FF**, **PAUSE**, **STOP** and **REC**).

6 (SELECT) **(Device Key)** (SELECT)

Press **SELECT**. This will change the display to [VCR]. Use the device keys (**CD**, **VCR** or **AUX 1** [LD]) to choose your PLAYBACK source, then press **SELECT**. For example, if your Laser Disc Player will control your playback in the Home Theater Mode, press **AUX 1** + **SELECT**. The display will change to [PIP]. This will allow you to select the device that will control your Picture-in-Picture features.

7 (SELECT) **(Device Key)** (SELECT)

Press **SELECT**. This will change the display to [TV]. Use the device keys (**TV**, **CBL** or **VCR**) to choose your PICTURE-IN-PICTURE source, then press **SELECT**. For example, if your VCR will control your Picture-in-Picture features in the Home Theater Mode, press **VCR** + **SELECT**. The display will then return to [MENU]. This will allow you to select the device that will control your Menu features.

8 (SELECT) **(Device Key)** (SELECT)

Press **SELECT**. This will change the display to [SAT]. Use the device keys (**TV**, **CBL, SAT, VCR, TUNER** or **AUX1**) to choose your MENU source, then press **SELECT**. For example, if your DSS will control your Menu features in the Home Theater mode, press **SAT** + **SELECT**. The display will then return to the [DEVICE and the TIME] SCREEN.

After you have set up the **HOME THEATER** mode key, you can then set up a macro sequence on the **POWER** key in the Home Theater Mode. The **POWER** key macro will allow you to power ON all of your components in the Home Theater mode with the press of one key.

Power Key Macro - Powering ON Your Home Theater Components with One Key Press

1 (HOME THEATER) (MAGIC) (▼ MENU- x 2) (SELECT)

Press and release the **HOME THEATER** Mode key, then press and hold **MAGIC** until the display screen changes from [THEATER and the TIME] to [TIMED SEQ]. Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL].

2 (▼ MENU- x 4) (SELECT)

Press **MENU -** four times until the display reads [KEY MACRO]. Press **SELECT**. The display will read [SEL MACKEY].

3 (POWER)

Press the **POWER** key to assign the macro to **POWER**. Enter the macro sequence that will power "ON" your home theater, for example:

(Sequence) **TUN** + **POWER** + **TV** + **POWER** + **VCR** + **POWER** + Etc. until you have added all of your home theater components.

4 (ESC) When your macro sequence is concluded, press **ESC** to save. The display will then return to the [THEATER and the TIME] screen.

(POWER) To activate the Home Theater Power macro, the LCD screen must read [THEATER], and you must press **POWER**.

Note: *The* **AUD** *or* **VID** *macro keys cannot be used in your Home Theater Power key macro.*

SETTING UP TIMED SEQUENCES - RECORDING WHEN YOU ARE NOT HOME

The *A/V Producer* is equipped with a special feature that lets the user set up a sequence of key strokes that can be played back at a specified time, up to seven days in advance. This feature can be used to set up sequences that will record from your DSS satellite, turn on your infrared home automation lighting system when you are not home or any other series of keystrokes that you would like to play back at a later time. For example, to set up the remote to record a program off of your DSS Satellite:

1 (MAGIC) (SELECT) (SELECT) Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **SELECT**. The display will change to [ADD MACRO]. Press **SELECT** again.

2 0 **or** 1 (▼ MENU-) (SELECT) The display will change to [START and the TIME], with the first digit of the TIME blinking. Enter either a **0** or a **1**, then the next digit in the time will begin to blink, continue entering the time until all four digits of the time have been set. After the time has been set, AM/PM will then blink. Press **MENU -** to toggle between AM and PM, once AM or PM is selected, press **SELECT**.

3 (▼ MENU-) (SELECT) The display will then change to [ONCE]. Use the **MENU -** key to toggle between [ONCE], [DAILY] or [WEEKLY], depending on when and how often the sequence needs to play. After [ONCE], [DAILY] or [WEEKLY] is chosen, press **SELECT**.

4 (▼ MENU-) (SELECT) The display will change to the day of the week that you want the sequence to begin. Use **MENU -** to toggle through the days of the week until the proper day is on the display screen. Press **SELECT**. The display will change to [ENTER SEQ].

For example, enter a sequence that will start your VCR recording your DSS Satellite channel.

SAT + **POWER** + **SAT** + **2** + **7** + **5** + **VCR** + **POWER** + **VCR** + **RECORD**.

This sequence will turn on the DSS, change the channel to 275, turn on the VCR and start the VCR record-ing.

Note: *When setting up your se-quence, you will need to include any keystrokes that would normally be required during regular usage, such as pressing* **ENTER** *after entering a channel number when changing channels.*

5 [ESC] Once the sequence has been set up, press the **ESC** key to return to the [DEVICE and the TIME] display screen. Below the [TIME], a CLOCK (⊙) symbol will appear to show that there is a timed sequence in the memory.

Note: *If, at any time during the set up of your timed sequence, a mistake is made, press the* **ESC** *key to return to the main display [DEVICE and the TIME] . Now, delete the sequence that was incorrect and restart your timed sequence.*

After you have set up a timed sequence, you may want to set up a second sequence that turns everything off after your initial sequence is complete. For the example above, after recording the program from your DSS, you can set up a second sequence to power OFF your DSS and VCR. Repeat Steps 1 - 5 to set up a sequence to power OFF your components.

To Delete a Timed Sequence

1 [MAGIC] [SELECT] [▼ MENU-] [SELECT] Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **SELECT**. The display will change to [ADD MACRO]. Press **MENU -** one time. The display will change to [DEL MACRO]. Press **SELECT**.

2 [SELECT] The display will then change to [DEL (the DAY) and (the TIME)]. If this is the timed sequence you would like to delete, press **SELECT**. The display will change to [DELETED] then return to [DEVICE and the TIME].

Note: *If you have more than one timed sequence saved in the memory of the A/V Producer, use the* **MENU -** *key to scroll through your saved timed sequences until you see the sequence you would like to delete. Once the sequence is displayed on the screen, press* **SELECT***. The display will change to [DELETED] then return to the next available sequence to be deleted. If there are no other sequences to be deleted, then the display will return to [DEVICE and the TIME].*

For example, enter a sequence that will start your VCR recording your DSS Satellite channel.

SAT + **POWER** + **SAT** + **2** + **7** + **5** + **VCR** + **POWER** + **VCR** + **RECORD**.

This sequence will turn on the DSS, change the channel to 275, turn on the VCR and start the VCR recording.

Note: *When setting up your sequence, you will need to include any keystrokes that would normally be required during regular usage, such as pressing* **ENTER** *after entering a channel number when changing channels.*

5   `ESC`   Once the sequence has been set up, press the **ESC** key to return to the [DEVICE and the TIME] display screen. Below the [TIME], a CLOCK (Ⓒ) symbol will appear to show that there is a timed sequence in the memory.

Note: *If, at any time during the set up of your timed sequence, a mistake is made, press the* **ESC** *key to return to the main display [DEVICE and the TIME] . Now, delete the sequence that was incorrect and restart your timed sequence.*

After you have set up a timed sequence, you may want to set up a second sequence that turns everything off after your initial sequence is complete. For the example above, after recording the program from your DSS, you can set up a second sequence to power OFF your DSS and VCR. Repeat Steps 1 - 5 to set up a sequence to power OFF your components.

To Delete a Timed Sequence

1   `MAGIC`
       `SELECT`
       `▼ MENU-`
       `SELECT`
       Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **SELECT**. The display will change to [ADD MACRO]. Press **MENU -** one time. The display will change to [DEL MACRO]. Press **SELECT**.

2   `SELECT`   The display will then change to [DEL (the DAY) and (the TIME)]. If this is the timed sequence you would like to delete, press **SELECT**. The display will change to [DELETED] then return to [DEVICE and the TIME].

Note: *If you have more than one timed sequence saved in the memory of the A/V Producer, use the* **MENU -** *key to scroll through your saved timed sequences until you see the sequence you would like to delete. Once the sequence is displayed on the screen, press* **SELECT***. The display will change to [DELETED] then return to the next available sequence to be deleted. If there are no other sequences to be deleted, then the display will return to [DEVICE and the TIME].*

REPEATING SERIES OF KEY PRESSES USING THE AUD AND VID KEYS

The *A/V Producer* has two Macro keys (**AUD** and **VID**) that allow the user to play back a series of key strokes at any time with the press of one key. Each sequence can have up to a maximum of 15 keystrokes. These keys are not mode specific and can be accessed in any mode. For example, to set up a sequence that will turn on your devices and turn the devices to the proper inputs:

1 [MAGIC] [▼ MENU-] **x 2** [SELECT] Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **MENU -** twice until the display reads [CONFIGURE], then press **SELECT**. The display will then read [THEATR SEL].

2 [▼ MENU-] **x 4** [SELECT] [AUD] **or** [VID] Press **MENU -** four times until the display reads [KEY MACRO]. Press **SELECT**. The display will read [SEL MACKEY]. Press either the **AUD** or **VID** sequence key. This will be the key that will play back the series of keystrokes assigned to that key. The display will then read [SELECT SEQ]. Begin entering the sequence of keystrokes, up to 15, that you wish to be played back when you press either **AUD** or **VID**.

Note: *You cannot use either the* **AUD** *or* **VID** *keys in your macro sequence.*

For example:

(Sequence) **TUN** + **POWER** + **TV** + **POWER** + **TV/SAT** (To change the input on the TV to VIDEO 1) + **SAT** + **POWER**.

Note: *When setting up your sequence, you will need to include any keystrokes that would normally be required during regular usage, such as pressing ENTER after entering a channel number when changing channels*

3 [ESC] When your macro sequence is concluded, press **ESC** to save.

Whenever the sequence key is pressed, the Tuner will power ON, the TV will power ON and change the input to VIDEO 1 and then the Satellite will power ON.

Repeat these steps to then setup the other sequence key (either **AUD** or **VID**) to your needs.

HOW TO USE THE SHIFT KEY

The *A/V Producer* has features that can be accessed by using the **SHIFT** key. These features are listed above the key that they are mapped to. For example, on the transport keys (**PLAY**, **REW**, **FF**, **STOP** and **PAUSE**) there are the following features: **SLOW**, **SLOW +**, **SLOW -**, **X2** and **EJECT**. These are accessed by pressing **SHIFT** and the key, for example, to eject a tape from your VCR press:

<p align="center">SHIFT + STOP</p>

This will eject your tape, as long as your original remote supported this feature.

Note: *Once you have pressed the* **SHIFT** *key, the A/V Producer will remain in the "Shift" mode, indicated by an* **S** *on the LCD screen, for 10 seconds after the last key press or until the* **SHIFT** *key is pressed again.*

The following keys have functions that are shifted:

CENTER:	**SHIFT + CENTER = REAR**
MENU:	**SHIFT + MENU = PROGRAM**
SELECT:	**SHIFT + SELECT = CLEAR**
MUTE:	**SHIFT + MUTE = SLEEP**
PREV CH:	**SHIFT + PREV CH = DISPLAY**
PIP:	**SHIFT + PIP = FREEZE PIP**
REW:	**SHIFT + REW = SLOW-**
PLAY:	**SHIFT + PLAY = SLOW**
FF:	**SHIFT + FF = SLOW +**
STOP:	**SHIFT + STOP = EJECT**
PAUSE:	**SHIFT + PAUSE = X2**

Important: *For a more detailed explanation of what function each shifted key performs by device type (TV, VCR, etc.), please refer to pages 45 through 57*

HOW TO USE THE SLEEP KEY

The *A/V Producer* has a **SLEEP** key that either operates your component's sleep timer or, if your component does not have a sleep timer, it activates the *A/V Producer* built-in sleep timer. To use the *A/V Producer's* **SLEEP** key, press **SLEEP** (**SHIFT + MUTE**).

If your component does not have a sleep timer, the *A/V Producer* will access it's own built-in timer. To activate the built-in sleep timer, press **SLEEP** (**SHIFT + MUTE**). The display will change to [SLEEP 15]. To add time to the sleep timer, press **MENU -**. Each press of **MENU -** will add 15 minutes to the sleep timer, up to a total of 60 minutes. Once the desired time is displayed on the LCD screen, press **SELECT**. The display screen will change to [SLEEP and the TIME].

Sleep lock

If you would like the *A/V Producer* to use it's built-in sleep timer on all of your components, you can lock the SLEEP mode. To set-up the *A/V Producer* to use the internal sleep timer on all components:

1   MAGIC   Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2   MENU- x 2, SELECT, MENU+ ▲ x 2, SELECT   Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL]. Press **MENU +** two times, the display will read [SLEEP LOCK]. Press **SELECT**, the display will change to [DISABLE].

3   MENU-, SELECT   Press **MENU -** one time to change the display to [ENABLE] then press **SELECT**. The display will return to [DEVICE and the TIME]. Now, whenever you press **SLEEP** (**SHIFT + MUTE**), the *A/V Producer* will use it's own built-in sleep timer.

Note: *When using the built-in sleep timer, pressing* ***POWER*** *will cancel the sleep function.*

VOLUME LOCK

With the *A/V Producer*, you can choose which home entertainment component controls your volume in the **TV**, **VCR**, **CBL** and **SAT** modes. When you originally set up the *A/V Producer*, each individual component operates it's own volume, provided the component has volume control. You can change this setting so that one component controls the volume whether you are in the **TV**, **VCR**, **CBL** or **SAT** modes. For example, to set-up the *A/V Producer* to always control the volume through your Amplifier in the **TV**, **VCR**, **CBL** and **SAT** modes:

1   MAGIC   Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2   MENU- x 2, SELECT   Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL].

3   MENU- x 2, SELECT   Press **MENU -** two times, the display will read [VOL LOCK]. Press **SELECT**, the display will change to [UNLOCK].

4   MENU-, SELECT, (Device Key)   Press **MENU -** one time to change the display to [LOCK] then press **SELECT**. Now press the key for the component that will control your volume. In this example, to control the volume through your amplifier, press **AMP**. The display will return to [DEVICE and the TIME].

Now, when you use the volume keys on your *A/V Producer*, the volume will be controlled by the specified component.

To return volume control to each individual component:

1   MAGIC   Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2 ⬇ **x 2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL].

MENU-
SELECT

3 ⬇ **x 2** Press **MENU -** two times, the display will read [VOL LOCK]. Press **SELECT**, the display will change to [LOCK].

MENU-
SELECT

4 ⬇ Press **MEN**U - one time to change the display to [UNLOCK] then press **SELECT**. The display will return to [DEVICE and the TIME].

MENU-
SELECT

Now, when you use the volume keys on your *A/V Producer*, each component will control it's own volume, as long as that component originally had volume control.

KEYMOVER

Keymover allows you to map features from one device mode to another. For example, if your VCR does not have volume control, you can map the volume keys in the TV mode to the VCR mode. This will allow you to control the volume of your TV while using your VCR. To Keymover features from one mode to another:

1 (MAGIC) Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2 ⬇ **x 2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL]. Press **MENU +** three times, the display will read [KEY MOVER]. Press **SELECT**, the display will change to [FROM].

MENU-
SELECT
MENU+
▲ **x 3**
SELECT

3 **(Device Key)** Press the device key (**TV**, **VCR**, **CB**L, etc.) that contains the feature you want to move. For the example above, to move the TV's volume, you would press **TV.** The display will show the device key that was just pressed.

4 (VOL- VOL+) Press the key for the feature you want to move. For the example above, press **VOL +**. The display **(Device Key)** will change to [TO]. Press the device key (**TV, VCR**, **CBL**, etc.) where you would like to place the feature. For the example above, you would press **VCR.** The display will show the device key that was just pressed.

5 **VOL-** **VOL+** Press the key where you want to move the feature. For the example above, press **VOL +**. The display will return to [DEVICE and the TIME]. In the VCR mode, your *A/V Producer* will now operate volume up on your TV. Now, to complete the example above, repeat this sequence to move **VOL -** and **MUTE** from the TV mode to the VCR mode.

CLEAR ALL

If you would like to reset the *A/V Producer* of all advanced functions, use the CLEAR ALL feature. The CLEAR ALL feature will erase the following functions from the memory of the *A/V Producer*: Macro Sequences, Timed Macro Sequences, Volume Lock and Keymovers. CLEAR ALL will not erase your set-up codes. To clear the memory using the CLEAR ALL feature:

1 **MAGIC** Press and hold **MAGIC** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].

2 **▼ MENU-** **SELECT** **▲ MENU+** **SELECT** **x 2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SELECT**, the display will change to [THEATR SEL]. Press **MENU +** one time, the display will read [CLEAR ALL]. Press **SELECT**, the display will change to [CLR ALL].

3 **SELECT** **x 2** Press **SELECT**, the display will change to [CONFIRM]. Press **SELECT** once more and the display will return to [DEVICE and the TIME]. Your *A/V Producer* is now reset.

TROUBLESHOOTING

Problem:	Solution
LCD screen begins to fade, does not appear or the red light blinks five times when you press a key?	Replace the batteries with four (4) new AAA alkaline batteries.
The *A/V Producer* does not operate your home entertainment component?	Try all of the codes listed for your brand of home entertainment component in the "Set-Up Codes" section. If this does not work, try searching for your code. **Make sure the home entertainment component you are setting up is able to be operated with an infrared remote control.**
The *A/V Producer* is not performing commands properly?	Try all of the codes listed for your brand of home entertainment component in the "Set-Up Codes" section. Many set-up codes may allow some degree of operation. However, only one set-up code will work correctly with your home entertainment component.
You make a mistake when setting up your *A/V Producer*?	During any set up procedure, except for Macros and Timed Sequences, the **ESC** key will return you to the [DEVICE and the TIME] screen without saving. If you make a mistake when setting up a Timed Sequence, return to the Timed Sequence menu and delete the incorrect sequence. If you make a mistake when saving a Macro, erase the incorrect Macro by re-saving a new Macro on that key.
VCR not recording?	As a safety feature on the *A/V Producer*, you must press the **REC** key twice.

Problem: Solution

Problem:	Solution
Channel +/- and PREV CH not working for your RCA TV?	Due to RCA design (1983-1987), only the original remote control will operate these functions.
Problems changing channels?	If your original remote control required an ENTER keystroke when changing channels, press the **ENTER** key on the *A/V Producer* after you enter the channel number.
The red light blinks when you press a key but you receive no response from your home entertainment component?	Make sure you are aiming your *A/V Producer* at your home entertainment component and that you are within 15 feet before using your remote.
Your audio components turn on and off and control the volume but does not change your preset channels?	Some audio components may need both a Tuner/ Receiver code and an Audio Amplifier code to control all of the features of your audio component.
Your DSS satellite receiver does not respond to the codes listed in the manual?	The codes listed in the manual are set up to operate your DSS receiver on the 1st or 2nd addresses only. Make sure the DSS Receiver you are setting up is able to be operated with an infrared remote control and not set up to only receive Radio Frequency.
The *A/V Producer* is not operating your Bang & Olufsen equipment?	Some Bang & Olufsen products, as well as some other manufacturer's equipment operate at a frequency higher than 100 kHz and will not work with the *A/V Producer*.

Consumer Help Line: **1-330-405-8552**
World Wide Web: **http://www.oneforall.com**

One For All PRODUCTS
Limited Warranty

As you add new components to your home entertainment system, One For All has a remote control that will fit your needs. Look for these exciting products at a retailer near you.

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A/V Producer   McK
M4057   2/98