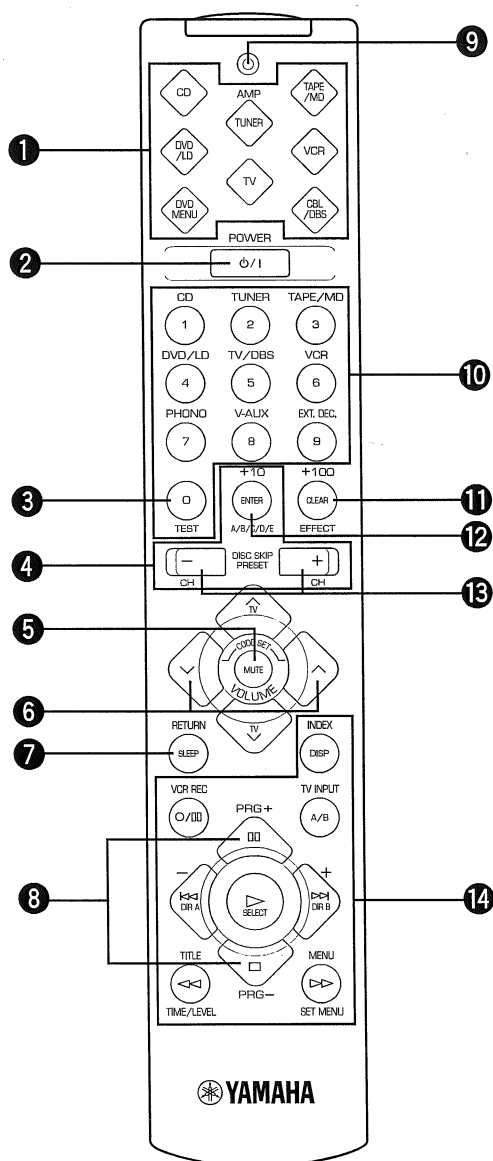


REMOTE CONTROL TRANSMITTER

See "REMOTE CONTROL TRANSMITTER" on page 46 for full details.



1 Component selector

Press the button for the component you want to control with the remote control transmitter. (The proper code must be set for your component. See "SETUP CODES" on page 53.)

When the component selector has been pressed, the remote control transmitter is set to operate that component.

2 POWER

When you have preset the code for a YAMAHA component, this button switches between the power on and standby mode.

When you have preset the code for another manufacturer's component, this button turns on that component if it has a remote control transmitter with a power button.

* It only functions when **AMP<TUNER>**, **TAPE/MD**, **CD**, **DVD/LD** or **DVD MENU** on the component selector has been pressed.

3 TEST

Press this button to output the test tone for each speaker.

* It only functions when **AMP<TUNER>** on the component selector has been pressed.

4 A/B/C/D/E, PRESET +/-

These buttons are used to select a preset station.

* They only function when **AMP<TUNER>** on the component selector has been pressed.

5 MUTE

Press this button to mute the sound.

6 VOLUME

These buttons are used to adjust the volume.

^: Turns up the volume.

v: Turns down the volume.

7 SLEEP

This button is used to set the SLEEP timer.

8 PRG+, PRG-

These buttons are used to select a DSP program.

* They only function when **AMP<TUNER>** on the component selector has been pressed.

9 Indicator

This flashes in red when a button on the remote control transmitter is pressed. When it flashes rapidly several times, press the selected button again.

10 Input selector (1 to 9)¹⁾/Numeric buttons²⁾

1) These buttons are used to select the program source to be played.

* They only function when **AMP<TUNER>**, **TAPE/MD**, **CD** or **DVD/LD** on the component selector has been pressed.

2) These buttons are used to select the menu or channel.

* They only function when **DVD MENU**, **VCR**, **CBL/DBS** or **TV** on the component selector has been pressed.

11 EFFECT¹⁾/CLEAR²⁾/+100³⁾

- 1) This button is used to switch the DSP program on or off.
 - * It only functions when **AMP<TUNER>**, **TAPE/MD**, **CD**, **DVD/LD**, **VCR** or **TV** on the component selector has been pressed.
- 2) This button is used to clear the settings.
 - * It only functions when **DVD MENU** on the component selector has been pressed.
- 3) This button is used to select the channel.
 - * It only functions when **CBL/DBS** on the component selector has been pressed.

12 ENTER¹⁾/+10²⁾

- 1) This button is used to enter the channel.
 - * It only functions when **VCR**, **CBL/DBS** or **TV** on the component selector has been pressed.
- 2) This button is used to select the menu.
 - * It only functions when **DVD MENU** on the component selector has been pressed.

13 DISC SKIP +/–¹⁾/CH +/–²⁾

- 1) These buttons are used to skip to the next or previous disc.
 - * They only function when **CD**, **DVD/LD** or **DVD MENU** on the component selector has been pressed.
- 2) These buttons are used to select the next or previous channel.
 - * They only function when **VCR**, **CBL/DBS** or **TV** on the component selector has been pressed.

14 Operation buttons¹⁾/Setup buttons²⁾

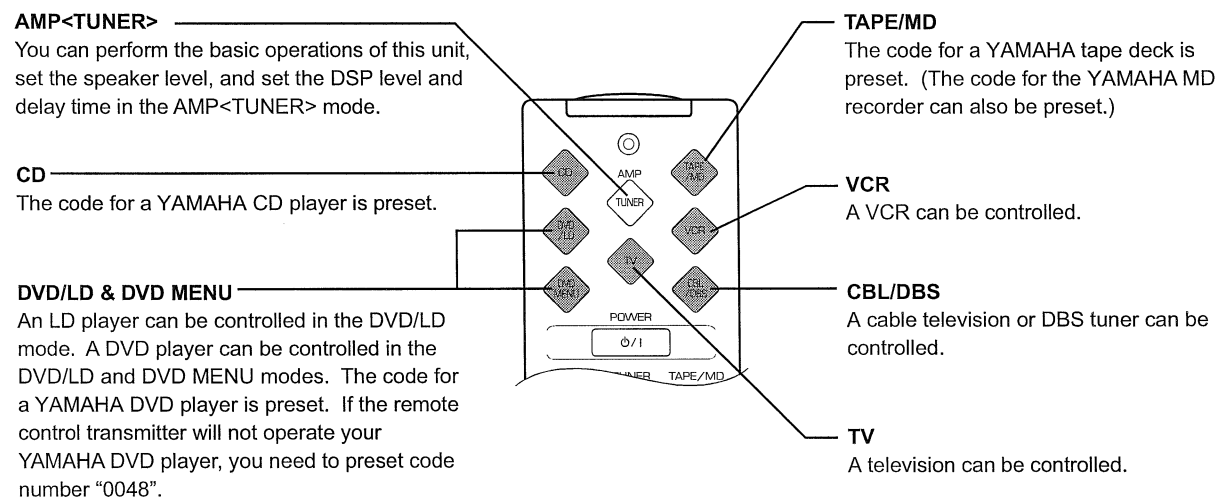
- 1) These buttons function as play, stop, skip, etc. for operating the component.
 - * They only function when **TAPE/MD**, **CD**, **DVD/LD**, **VCR** or **TV** on the component selector has been pressed.
- 2) These buttons are for adjusting various settings.
 - * They only function when **AMP<TUNER>**, **DVD MENU** or **CBL/DBS** on the component selector has been pressed.

REMOTE CONTROL TRANSMITTER

You can use the remote control transmitter to control not only this unit but also other components connected to it. The remote control transmitter is factory set to control this unit and most YAMAHA audio components. To control other brands of components, you must preset the remote control transmitter with manufacturers' codes listed on pages 113 to 117.

Components which can be controlled

There are eight buttons on the component selector that you can select to control connected components with this remote control transmitter. For example, if **CD** on the component selector is pressed, the remote control transmitter selects the CD operation mode, allowing the CD player to be operated by the buttons on the remote control transmitter.



Notes

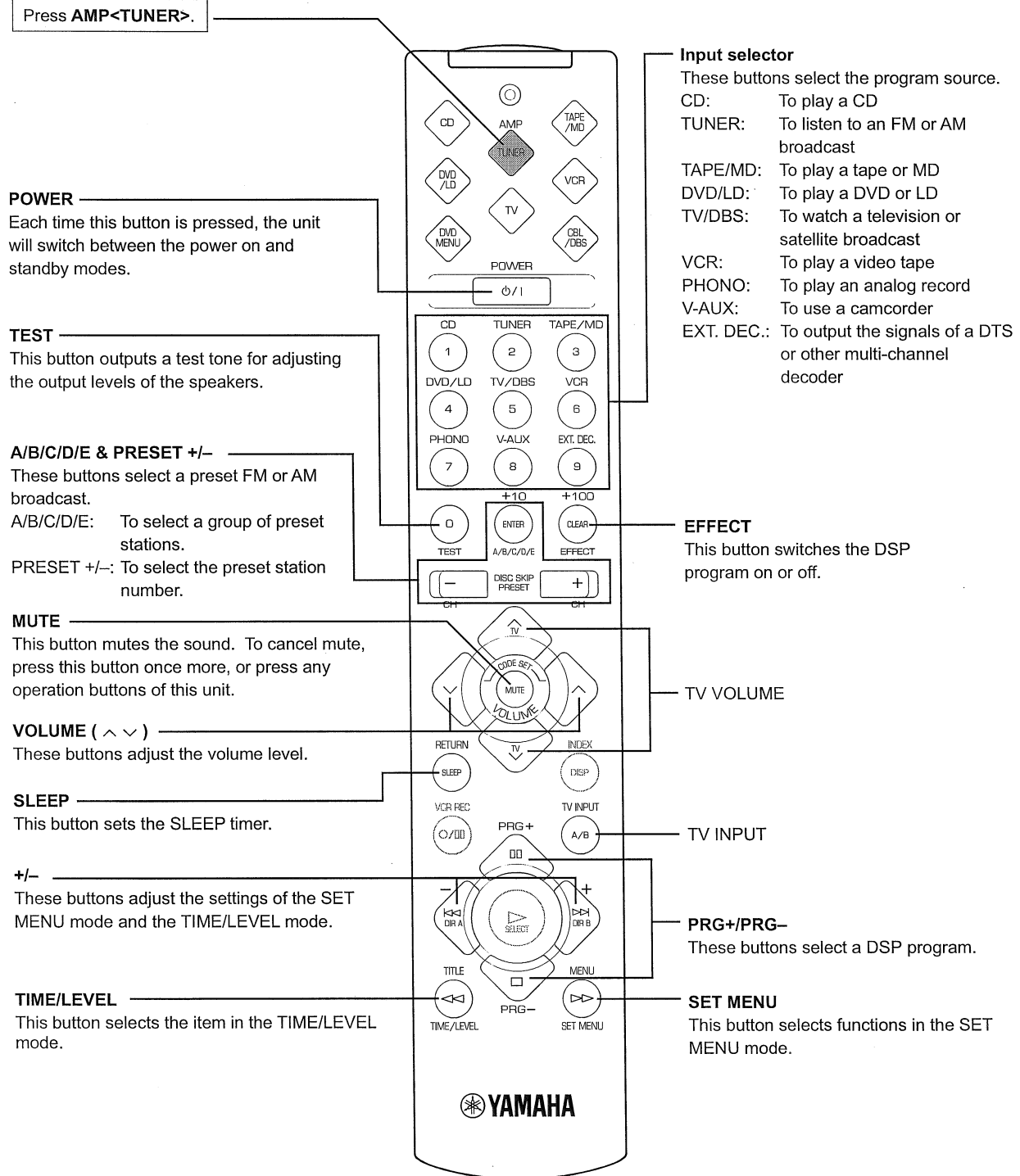
1. You can preset the code for the manufacturer of your component after pressing the shaded buttons in the illustration above. Note that you can preset only one code for one mode. See "SETUP CODES" on page 53 for details.
2. In the DVD/LD and DVD MENU modes:
 - Be sure to press **DVD/LD** on the component selector before presetting the code for the DVD/LD player. The code preset in the DVD/LD mode is also simultaneously preset in the DVD MENU mode. You cannot preset the code for a DVD player in the DVD MENU mode.
 - DVD MENU operations cannot be performed for some DVD players.
3. When using a second (and third) VCR: (See "To use a second (and third) VCR" on page 53 for details.)
 - If you are not using a CBL/DBS (cable TV or DBS tuner), the second (or third) VCR can be preset in the CBL/DBS mode.
 - If you are not using a DVD player, the second (or third) VCR can be preset in the DVD MENU mode. Note that in this case you must preset the code for an LD player in the DVD/LD mode even if an LD player is not being used.

The lightly marked buttons do not function.

■ AMP<TUNER> MODE

Note: TV VOLUME and TV INPUT function if you have preset the code for your TV.

English



The lightly marked buttons do not function. Please refer to the owner's manual for details of each component.

■ TAPE/MD MODE

Notes:

- **TV VOLUME** functions if you have preset the code for your TV.
- The code for the YAMAHA MD recorder can be preset.

POWER

(TAPE) When you have preset the code for a YAMAHA tape deck, this button turns the unit on. When you have preset the code for another manufacturer, this button turns on that component if it has a remote control transmitter with a power button.

(MD) When you have preset the code for the YAMAHA MD recorder, this button turns the unit on.

REC/PAUSE

This button pauses recording on a tape deck or MD recorder.

PLAY

This button plays a tape or an MD.

DIR A (TAPE)

This button selects the playing direction of deck A.

SKIP- (MD)

This button skips to the previous track.

REWIND (TAPE)

This button rewinds a tape.

SEARCH (MD)

This button initiates a backward search on the track that is playing to find the point from which you want to listen.

Press **TAPE/MD**.

INPUT

EFFECT

VOLUME

MUTE

SLEEP

TV VOLUME

DISPLAY (MD)

DECK A/B (TAPE)

This button selects double-cassette tape deck A or B.

PAUSE (MD)

This button gives a pause in operation.

DIR B (TAPE)

This button selects the playing direction of deck B.

SKIP+ (MD)

This button skips to the next track.

STOP

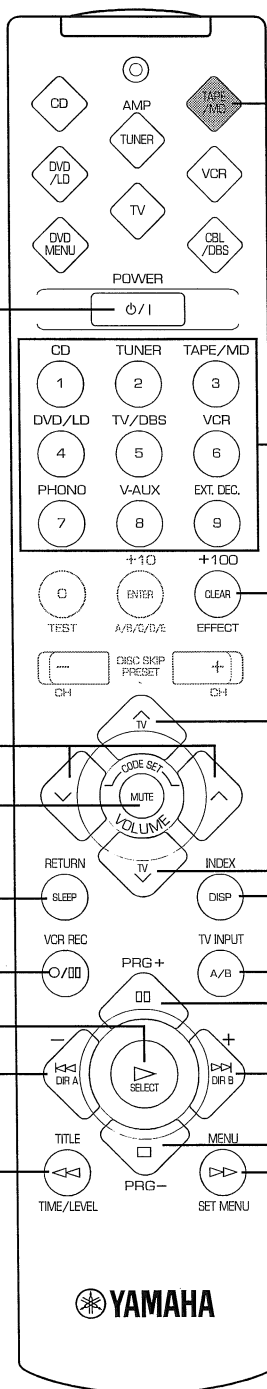
This button stops operation of a tape or MD.

FAST FORWARD (TAPE)

This button winds a tape fast forward.

SEARCH (MD)

This button initiates a fast-forward search on the track that is playing to find the point from which you want to listen.

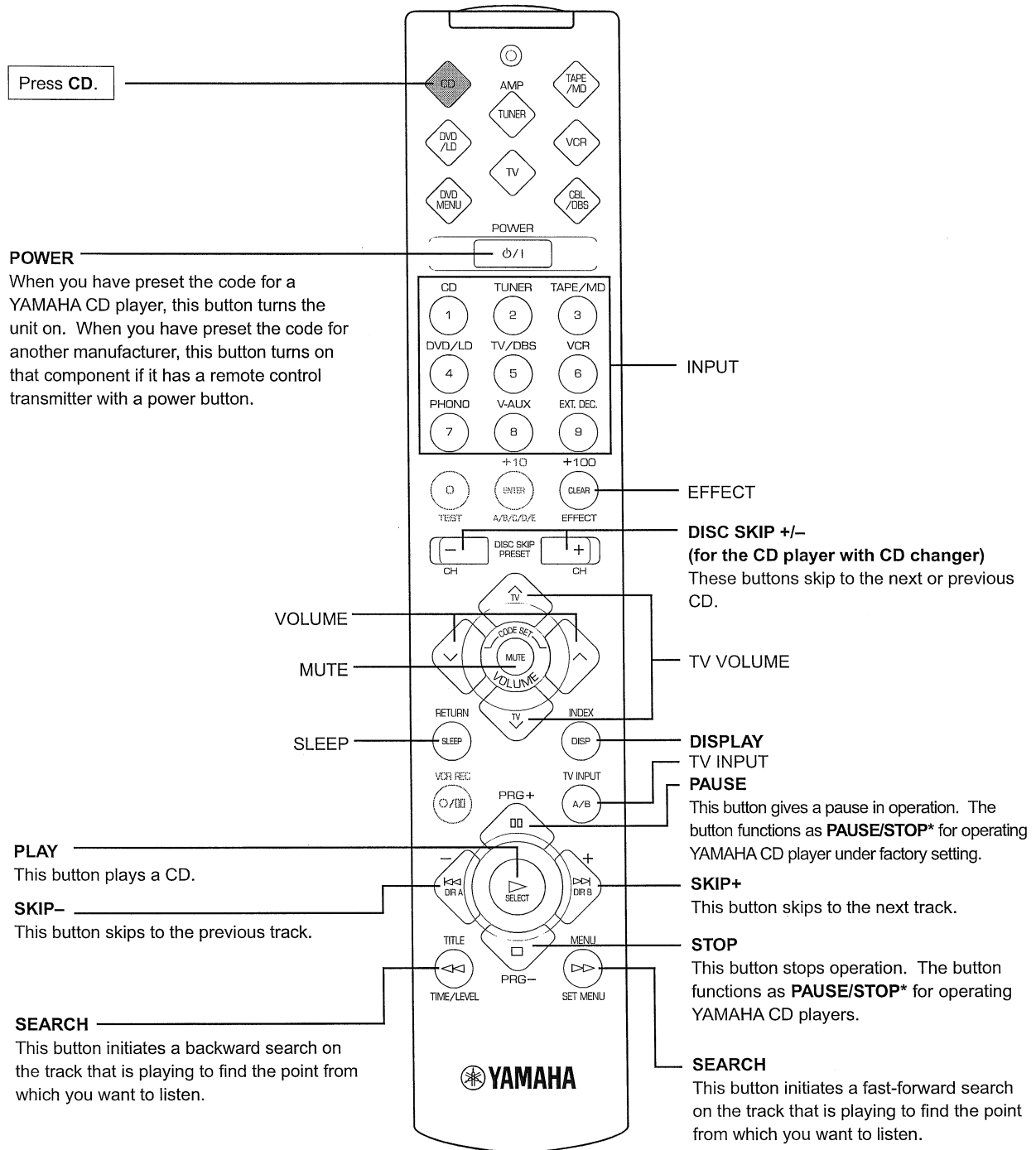


The lightly marked buttons do not function. Please refer to the owner's manual for details of each component.

English

■ CD MODE

Note: **TV VOLUME** and **TV INPUT** function if you have preset the code for your TV.



* **PAUSE/STOP** function ... Press the button once to give a pause in operation and once more to stop operation.

The lightly marked buttons do not function. Please refer to the owner's manual for details of each component.

■ DVD/LD MODE

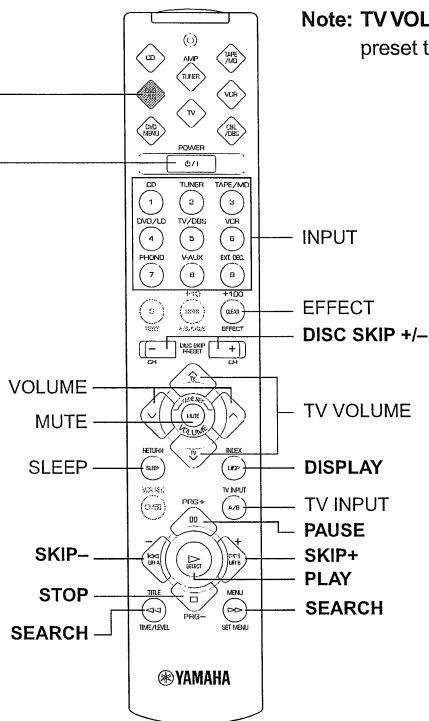
Press **DVD/LD**.

POWER

(DVD) When you have preset the code for a YAMAHA DVD player, this button turns the unit on. When you have preset the code for another manufacturer, this button turns on that component if it has a remote control transmitter with a power button.

(LD) When you have preset the code for a YAMAHA LD player, this button turns the unit on. When you have preset the code for another manufacturer, this button turns on that component if it has a remote control transmitter with a power button.

Note: **TV VOLUME** and **TV INPUT** function if you have preset the code for your TV.



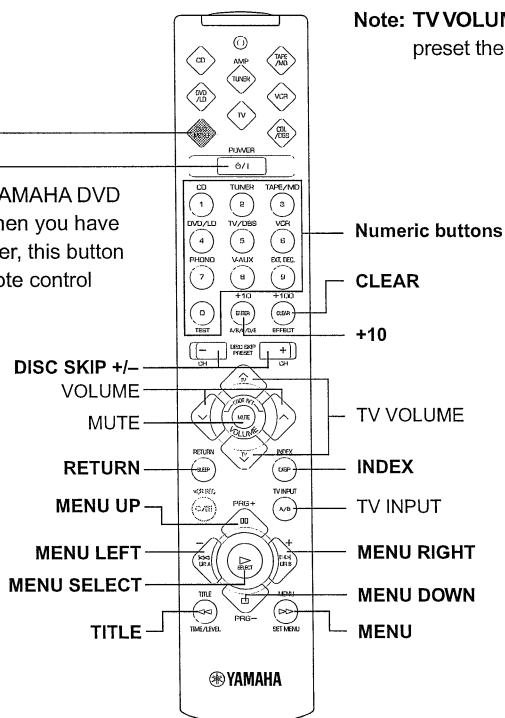
■ DVD MENU MODE

Press **DVD MENU**.

POWER

When you have preset the code for a YAMAHA DVD player, this button turns the unit on. When you have preset the code for another manufacturer, this button turns on that component if it has a remote control transmitter with a power button.

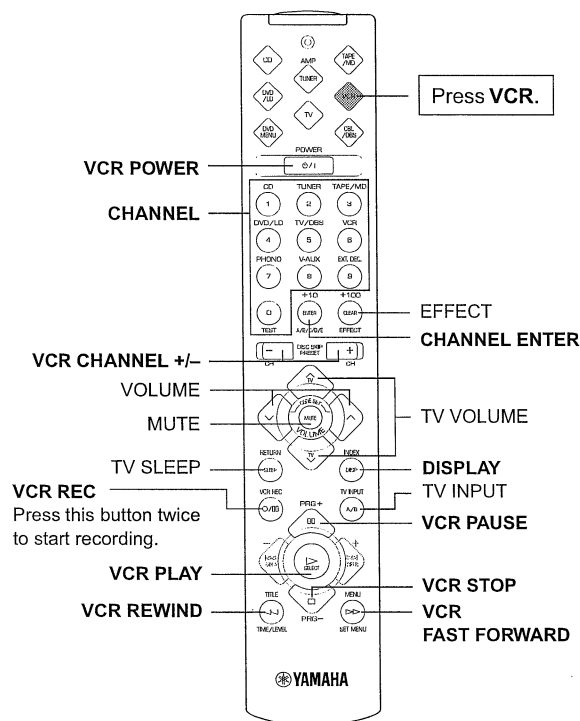
Note: **TV VOLUME** and **TV INPUT** function if you have preset the code for your TV.



The lightly marked buttons do not function. Please refer to the owner's manual for details of each component.

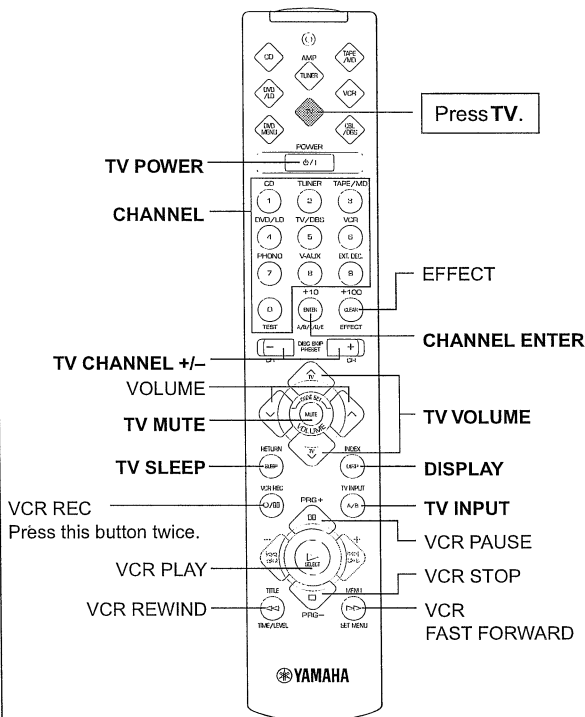
■ VCR MODE

Note: TV VOLUME, TV INPUT and TV SLEEP function if you have preset the code for your TV.



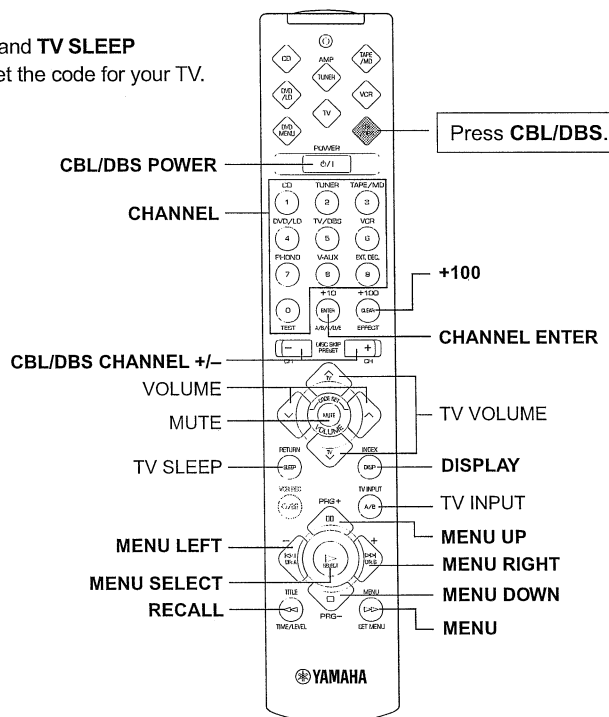
■ TV MODE

Note: You can control your VCR if you have preset the code for it.



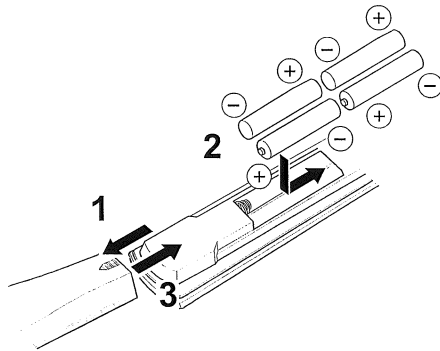
■ CBL/DBS MODE

Note: TV VOLUME, TV INPUT and TV SLEEP function if you have preset the code for your TV.

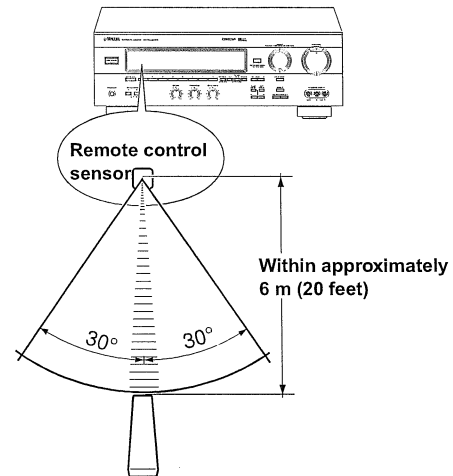


NOTES ABOUT THE REMOTE CONTROL TRANSMITTER

Battery installation



Remote control transmitter operation range



Battery replacement

If the remote control transmitter operates only when it is close to the unit, the batteries are weak. Replace all batteries with new ones.

Be sure to replace batteries within about two minutes. If it takes longer than two minutes, the codes preset for the remote control transmitter will return to the factory-set.

Notes

- There should be no large obstacles between the remote control transmitter and the unit.
- If the remote control sensor is directly illuminated by strong lighting (especially an inverter type of fluorescent lamp, etc.), it might cause the remote control transmitter not to work correctly. In this case, reposition the unit to avoid direct lighting.

Notes

- Use only AAA, R03, UM-4 batteries for replacement.
- Be sure the battery polarity is correct. (See the illustration inside the battery compartment.)
- Remove the batteries if the remote control transmitter will not be used for an extended period of time.
- If the batteries have leaked, dispose of them immediately. Avoid touching the leaked material or letting it come into contact with clothing, etc. Clean the battery compartment thoroughly before installing new batteries.

SETUP CODES

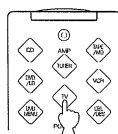
Presetting the remote control transmitter

Perform the presetting procedure for each component you want to control with the remote control transmitter.

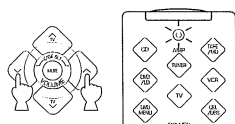
Note: If your component does not respond to any of the codes listed for the manufacturer, use the original remote control transmitter that was supplied with the component.

To control your components (MD recorder, DVD player, TV, etc.)

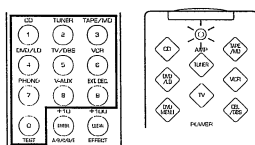
1. Turn on the component to be used.
2. Press the component selector which matches the component to be controlled (TAPE/MD, DVD/LD, TV etc.).



3. Press both **VOLUME** buttons ($\wedge$ $\vee$) for about four seconds at the same time so that the indicator flashes twice.



4. Use the numeric buttons to enter the four-digit manufacturer's code for the component to be used. Make sure that the indicator flashes twice. If the indicator does not flash, repeat step 3 and re-enter the code.



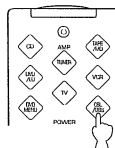
5. Press **POWER** (or any other button) on the remote control transmitter to check if you have preset the code correctly. If the component cannot be controlled by the remote control transmitter, try entering another code for the same manufacturer.

To use a second (and third) VCR

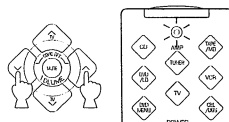
You can control a second (and/or third) VCR in the CBL/DBS and DVD MENU modes if a CBL (or DBS) or DVD player is not being used.

If you want to control a second (and/or third) VCR in the DVD MENU mode, you must preset the code for an LD player in that mode.

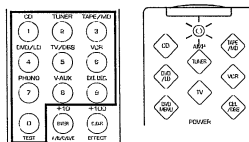
1. Turn on the VCR to be used.
2. Press **CBL/DBS** or **DVD MENU** on the component selector.



3. Press both **VOLUME** buttons ($\wedge$ $\vee$) for about four seconds at the same time so that the indicator flashes twice.



4. Use the numeric buttons to enter the four-digit code for the second (or third) VCR. Make sure that the indicator flashes twice. If the indicator does not flash, repeat step 3 and re-enter the code.



5. Press **POWER** (or any other button) on the remote control transmitter to check if you have preset the code correctly. If the VCR cannot be controlled by the remote control transmitter, try entering another code for the same manufacturer.

Returning to the factory-set codes

To return all components to the factory-set codes, follow these steps.

1. Press a button on the component selector other than **AMP<TUNER>**.
2. Press both **VOLUME** buttons ($\wedge$ $\vee$) for about four seconds at the same time so that the indicator flashes twice.
3. Enter the code number "9990".
4. Make sure that the indicator flashes twice.

To return each component to the factory-set codes, follow these steps.

1. Press the component selector which matches the component to be returned to the factory-set codes.
2. Press both **VOLUME** buttons ($\wedge$ $\vee$) for about four seconds at the same time so that the indicator flashes twice.
3. Enter the code number "0000".
4. Make sure that the indicator flashes twice.

The following codes are preset by the factory.

Factory-set codes

Component selector	Component	Code
TV	TV	0101
CBL/DBS	DBS tuner	0006
VCR	VCR	0002
DVD/LD	DVD player	0008 YAMAHA
CD	CD player	0005 YAMAHA
TAPE/MD	Tape deck	0004 YAMAHA

We recommend that you write all code numbers you have preset on the "Quick Reference Card".

LIST OF MANUFACTURER'S CODES
LISTES DES CODES FABRICANT

TV					
A-Mark	1161	Dansai	1001	Ima	1051
A Tandy	0941	Daytron	0941, 1031	Indiana	1001
Abex	1151	Decca	0271, 1001	Infinity Reference	0101
Admira	1141	Dixi	0331, 1001, 1071	Interfunk	1001
Adventura	1131	Dumont	0891, 1031	ITT	0611
Aiko	1121	Dynatech	0881	Janeil	1131
Akai	0331, 1101, 1111	Electroband	0951, 1011	JBL	0101
Alba	0431	Electrohome	0941	JCB	0951
Alleron	1091	Electron	0941	Jensen	0311
Ambassador	1081	Elin	1001	Jinxing	1531, 1541, 1551, 1561,
Amstrad	0481, 1081	Elta	0331		1571, 1621, 1631, 1641,
Anam	0251, 1041, 1051, 1061, 1071	Emerson	0001, 0021, 0061, 0071,		1651, 1691, 1731
Anam National	1041		0081, 0091, 0111, 0811,	JVC	0261, 0281, 0641,
AOC	0361, 1021, 1031, 1111, 1161		0821, 0831, 0841, 0851,		0651, 0661, 0841
Archer	1161		0861, 0871, 0901, 0921,	Kawasho	0901
Audiosonic	1001		0941, 0981, 1011, 1031,	Kaypani	1021
Audiovox	1051, 1161		1051, 1081, 1091	Kenwood	0361, 1031, 1111
Awai	1481	Envision	0361, 1111	Kloss	0631, 0721, 1131
Bauer	0441	Erres	1001	KTV	0921, 0941, 1011, 1051, 1111
Baur	1001	Etron	0331	Leyco	1001
Beijing	1511, 1551, 1561	Ferguson	1001	Liesen & Tter	1001
Belcor	1031	Finlux	1001	Lloytron	0941
Bell & Howell	0981, 0991	Fisher	0171, 0801, 0981	Loewe	1001
Beon	1001	Formenti	0441	Logik	0991, 1771
Bradford	1051	Formonti	1001	Luxman	0351, 0971
Brockwood	1031	Fortress	1141	Lxi	0101, 0621, 0761, 0861, 0981
Broksonic	1161	Fujitsu	1091	Magnavox	0101, 0341, 0391, 0401,
Bush	1001	Funai	1051, 1091, 1341, 1361,		0411, 0421, 0581, 0591,
Candle	0351, 0361, 0961,		1411, 1451, 1501, 1521		0601, 0611, 0631,
	0971, 1111, 1131	Futuretech	1051		0661, 0961, 1111
Capehart	1021	GE	0131, 0161, 0201, 0751,	Majestic	0991
Carver	0101		0761, 0771, 0781, 0791,	Marantz	0101, 0221, 0361, 1001, 1111
Cathay	1001		0811, 0861, 1041	Mark	1001
Celebrity	0951	GEC	0271, 1001	Matsui	0271, 0331, 1001
Centurion	0411	Gemini	0391	Mediator	1001
Changhong	1541, 1551, 1561, 1621	Genexxa	0431	Megatron	0691, 0861, 1161
Citizen	0351, 0361, 0921, 0931,	Gibraltar	0891, 1031, 1111	MEI	1011
	0941, 0961, 0971, 1111,	GoldStar	0031, 0121, 0351, 0411,	M Electronic	1001
	1121, 1131		0731, 0741, 0861, 0941,	Memorex	0331, 0571, 0861, 0971,
Clairtone	1011		0971, 1001, 1031,		0981, 0991, 1771
Clarivox	1001		1111, 1151	Metz	1791, 1831, 1891, 1901,
Concerto	0351, 0971	Goodmans/Tashiko	0271, 0661, 1001		1911, 1921, 1931, 1941
Conrowa	1751	Granada	1001	MGA	0361, 0561, 0571,
Contec	0901, 0911, 1011, 1051	Grundig	1781, 1791, 1801, 1811,		0861, 1031, 1111
Corando	0941		1821, 1831, 1841, 1851,	Midland	0751, 0761, 0891, 0941, 1151
Craig	0251, 1051		1861, 1871, 1881	Mitsubishi	0221, 0321, 0561,
Crown	0941, 1051	Gunpy	1051, 1091		0571, 0661, 0861,
Curtis Mathes	0161, 0361, 0931,	H/K	0721		1031, 1101, 1381
	0941, 0981, 1111	Hallmark	0861	Montgomery	1091
CXC	1051	Hanseatic	1001	Motorola	1041, 1141
Daewoo	0291, 0301, 0331, 0721,	Harvard	1051, 1061	MTC	0351, 0361, 0881, 0931,
	0941, 1001, 1031, 1121,	Hinari	1001, 1091		0971, 1011, 1031, 1111
	1191, 1531, 1581,	Hitachi	0181, 0351, 0671, 0681,	Multitech	0881, 1051
	1591, 1601		0691, 0701, 0711, 0871,	NAD	0551, 0621, 0861
			0941, 0971, 1351	NEC	0241, 0351, 0361, 0661, 0971,
		Hypson	1001		1031, 1111, 1321, 1711

Philips 0036, 0216, 0306, 0316,
0326, 0336, 0346

Pioneer 0006, 0086

Pioneer BR50 0846

Pioneer BR60/70/80/81/82 0696

Pioneer BR90 0556

Pulsar 0386

RCA Digital Satellite System 0396, 0406

Realistic 0136

Regency/Eastern 0686

Runco 0386

Samsung 0276

Scientific Atlanta 175/475 0576

Scientific Atlanta 75 0366, 0586

Scientific Atlanta 8650 0566

Signal 0276

SL Marx 0276

Spectavision 0236

Standard Components 0186

Starcom V 0256

Stargate 0276

Sylvania/Texscan 0376, 0496

Teknika 0176

Teleservice 0056

Teleview 0276

Texscan 0186, 0376

TFC 0026

Tocom 0226, 0356

Tocom 5503A 0526

Tocom 5503VIP/5507 0516

Tocom TC56 0506

Toshiba 0386

Tudi 0046

Unika 0136

Universal 0136, 0156, 0206, 0286

Videoway 0096

Viewstar 0216

Zenith 0246, 0386, 0486

DBS TUNER

Alpha Star 0826

Chaparral 0756

Echostar 0836

General Instrument 0776

HTS 0836

Hughes Network Systems 0816

Jerrold 0776, 0786

Panasonic 0806

Primestar 0776, 0786

RCA 0766

Sony 0796

VCR

A Tandy 0902

Adventura 0992

Aiko 0982

Aiwa 0992

Akai 0262, 0942, 0952, 0962, 0972

American High 0932

Amstrad 0992

ASA 0002, 0912

Asha 0922

Audio Dynamics 0202

Audiovox 0912

Beaumont 0922

Bell & Howell 0902

Blaupunkt 0412

Broksonic 0872, 0882, 0892

Bush 0852

Calix 0912

Canon 0862, 0932

CCE 0852, 0982

Citizen 0912, 0982

Colt 0852

Craig 0832, 0842, 0852, 0912, 0922

Curtis Mathes 0662, 0822, 0932

Cybernex 0922

Daewoo 0802, 0812, 0982

DBX 0202

Dynatech 0472, 0992

Electrohome 0912

Electroponic 0912

Emerex 0792

Emerson 0072, 0132, 0142, 0152,
0162, 0172, 0182, 0192,
0212, 0702, 0712, 0722,
0732, 0742, 0752, 0762,
0772, 0782, 0872, 0882,
0892, 0912, 0952,
0992, 1072

Finlux 0002, 0992

Fisher 0682, 0692, 0842, 0902

Fuji 0672, 0932

Funai 0992

Garrard 0992

GE 0662, 0822, 0932

Go Video 0642, 0652

GoldStar 0082, 0632, 0912

Goodmans 0402

Gradiente 0992

Granda 0612, 0902

Grundig 0002

H/K 1082

Harley Davidson 0992

Harmon/Kardon 0632, 1082

Harwood 0752, 0852

Headquarter 0612

HI-Q 0842

Hinari 0852

Hitachi 0102, 0562, 0572, 0582,
0592, 0602, 0992

ITT 0942

JVC 0202, 0522, 0532, 0542, 0552

Kenwood 0202, 0542, 0612,
0632, 0902

KLH 0852

Kodak 0912, 0932

Lloyd 0992

Logik 0852

Luxor 0942

LXI 0022, 0912

Magnavox 0002, 0482, 0492,
0502, 0512, 0932

Magnin 0922

Marantz 0002, 0202, 0402, 0632, 0932

Marta 0912

Matsui 0722

Matsushita 0932

MEI 0222, 0932

Memorex 0232, 0242, 0472, 0512,
0612, 0842, 0902, 0912,
0922, 0932, 0992

MGA 0762, 0952

MGA Technology 0922

Minolta 0592, 0602

Mitsubishi 0452, 0462, 0542,
0762, 0952, 1082

Motorola 0472, 0932

MTC 0922, 0992

Multitech 0852, 0992

NAD 0442

NEC 0122, 0202, 0292, 0422,
0432, 0542, 0632

Nikko 0912

Noblex 0922

Olympus 0412, 0932

Optimus 0442, 0472, 0912

Optonica 0402

Orion 0212, 0722, 0742, 0772

Osaki 0912

Panasonic 0012, 0052, 0092,
0222, 0372, 0382,
0392, 0412, 0932

Penny 0202, 0432, 0602, 0632,
0692, 0912, 0922, 0932

Pentax 0592, 0602

Perdio 0992

Philco 0002, 0932

Philips 0002, 0282, 0402, 0492, 0932

Pilot 0912

Pioneer 0442, 0542

Proscan 1002, 1012, 1022, 1032,
1042, 1052, 1062

Pulsar 0512

Quarter 0612

Quartz	0272, 0612
Quasar	0382, 0392, 0932
Radio Shack	0912, 0992
Radix	0912
Randex	0912
RCA	0112, 0382, 0392, 0482, 0592, 0602, 0662, 0822, 0942
Realistic	0402, 0472, 0612, 0682, 0842, 0902, 0912, 0922, 0932, 0992
Ricoh	0352, 0362
Saisho	0212, 0582, 0722, 0732, 0742, 0772
Salora	0612, 0762
Samsung	0212, 0312, 0922, 0962
Sanky	0472, 0512
Sansui	0292, 0542, 0832
Sanyo	0242, 0612, 0842, 0902, 0922
SBR	0002, 0282
Schneider	0852
Scott	0342, 0712, 0762, 0872, 0882, 0892
Sears	0302, 0592, 0602, 0612, 0682, 0692, 0842, 0902, 0912, 0932
Sharp	0402, 0472
Shintom	0852
Shogun	0922
Singer	0852
Sony	0032, 0332, 0352, 0362, 0672, 0792, 0932
STS	0602
Sunpak	0352
Sylvania	0002, 0492, 0502, 0762, 0932, 0992
Symphonic	0992
Tandy	0992
Tashiko	0712, 0992
Teac	0992
Technics	0932
Teknika	0322, 0912, 0932, 0992
Telefunken	0252
TMK	0212, 0732, 0772, 0922
Toshiba	0062, 0302, 0342, 0622, 0682, 0712, 0762
Totevision	0912, 0922
Unitech	0922
Vector Research	0202, 0432, 0632
Victor	0532, 0542, 0552
Video Concepts	0202, 0432, 0632, 0952
Wards	0322, 0402, 0472, 0482, 0602, 0712, 0842, 0852, 0922, 0932, 0992
Yamaha	0202, 0632, 0762
Zenith	0042, 0362, 0512, 0672

DVD PLAYER

Akai	0108
JVC	0168
Onkyo	0128
Panasonic	0048
Philips	0188
Pioneer	0208, 0228
Samsung	0148
Sharp	0068
Sony	0028
Toshiba	0088
Yamaha	0008, 0048

LD PLAYER

Aiwa	0157
Denon	0147
Disco Vision	0017
Funai	0157
Hitachi (E)	0017
Kenwood	0087, 0107
Magnavox	0027
Marantz	0027
Mitsubishi	0137
NAD	0137
Panasonic	0077, 0177
Philips	0027
Pioneer	0037, 0017, 0137
RCA	0167
Realistic	0157
Sharp	0127
Sony	0047, 0057, 0117
Victor	0097
Yamaha	0007, 0067

CD PLAYER

Acoustic Research	1295
ADC	0025, 0065
Adcom	0205, 0255, 1015
ADS	0265
Aiwa	0295, 0945, 1035, 1055
Akai	0175, 0485, 0535
Alpine	1215, 1305
Audio-Technica	0545
BSR	0245, 0655, 0775
California Audio Lab	0055
Capetronic	1205
Carrera	0245
Carver	0285, 1135
Casio	0345
Crown	0185
Curtis Maths	0345
Denon	0275, 0875, 0885
Deual (E)	0505

Dynamic Bass (H)	0555
Emerson	0205, 0325, 1105
Eroica	1275
Fisher	0095, 0555, 0925, 1005
Garrard	0365
Genexxa	0305, 0325, 1105
GoldStar	1225, 1265, 1135, 1335
H/K	0105, 0175, 0465, 0995
Hitachi	0195, 0505, 0205, 0815
Inkel	0115, 0395
JVC	0315
Kenwood	0045, 0095, 0405, 0585, 0725, 0735, 0745, 0755, 0895
Kyocera	0025
Luxman	0075, 0425, 0675, 0705, 0715, 0985
Magnavox	0165, 0215, 0645, 0955
Marantz	0215, 0235, 0375, 0785, 1345
McIntosh	0355, 1085
MCS	0905, 1315
Memorex	0205, 0225, 0235, 0305, 0325, 1105
MGA	0135
Mission	0215
Mitsubishi	0135, 0445
MTC	1255
NAD	0035, 0615, 0685, 0695
Nakamichi	0125, 0435, 0515
NEC	0255, 0905, 0965
Nikko	0545, 1005
Onkyo	0155, 0455, 0495, 0805, 1155
Optimus	0225, 0245, 0555, 0595, 0845, 0855, 0865, 0895, 0935
Panasonic	0055, 0825, 1095, 1125
Penny	0905
Philips	0165, 0215
Pioneer	0305, 0935, 1045
Proton	0215, 1185
Quasar	0055
RCA	0205, 0915, 1115
Realistic	0205, 0225, 0235, 0325, 0555, 0845
Revox	1175
Rotel	0215
Saba Telecommander (E)	0505
SAE	0215
Samsung	1285
Sansui	0215, 0625, 0975, 1025, 1105
Sanyo	0145, 0555, 0635, 0765
Scott	0325, 1105
Sears	0345
Sharp	0235, 0665, 0895, 1065, 1075
Sherwood	0115, 0235, 0395, 0475
Siemens Garrard	1245
Signature	0175
Sontec	1165

Sony	0065, 0565, 0865, 1145
Staron	1235
STS	0025
Sylvania	0215
Symphnoic	0335
Tandy	0305
Tangberg	1195
Teac	0235, 0335, 0385, 0525, 0795, 0835, 1355
Technics	0055, 0605, 1095
Techwood	1325
Telefunken (E)	0505
Thomson (E)	0505
Toshiba	0035, 0685
Vector Research	0065, 1135
Victor	0315
Wards	0175
Yamaha	0005, 0015, 0575, 1065

MD RECORDER

Yamaha	0024
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TAPE DECK

Aiwa	0094, 0214, 0224
Akai	0184
Carver	0094
Denon	0304
Fisher	0144
Garrard	0194, 0204
JVC	0274, 0284, 0294
Kenwood	0124, 0134, 0154, 0234, 0244, 0264
Magnavox	0094
Marantz	0094, 0344
Mitsubishi	0184
Onkyo	0364, 0374
Optimus	0034, 0064, 0204, 0334
Philips	0094
Pioneer	0034, 0044, 0064
Revox	0354
Sansui	0094, 0344
Sharp	0264
Sherwood	0334
Sony	0054, 0084, 0324
Teac	0194, 0254
Technics	0074, 0314
Victor	0294
Wards	0034
Yamaha	0004, 0014