

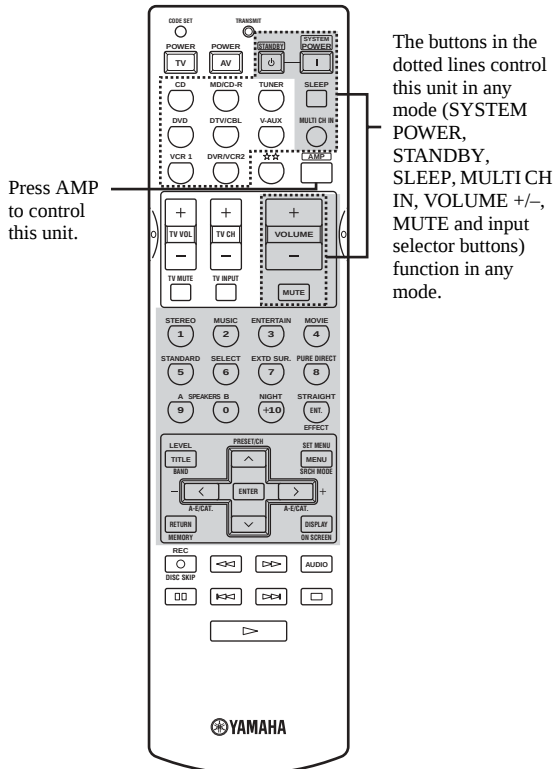
REMOTE CONTROL FEATURES

In addition to controlling this unit, the remote control can also operate other A/V components made by YAMAHA and other manufacturers. To control other components, you must set up remote control with the appropriate remote control codes.

Control area

■ Controlling this unit

The shaded areas below can be used to control this unit after pressing AMP to activate the AMP mode.



■ Controlling other components

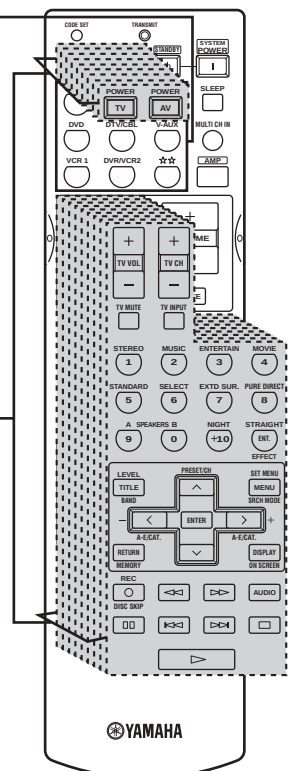
The shaded areas below can be used to control other components. Each button has a different function depending on the selected component. Select the component you want to control by pressing an input selector button.

The ☆☆ button and the input selector buttons switch the function of the component control area below.

* Use the ☆☆ buttons to control other components regardless of whether they are connected to this unit.

Component control area

You can control up to 9 different components by setting appropriate remote control codes (see page 75).



Setting remote control codes

You can control other components by setting the appropriate remote control codes. Codes can be set up for each input area. For a complete list of available remote control codes, refer to “LIST OF REMOTE CONTROL CODES” at the end of this manual.

The following table shows the default component (Library: component category) and the remote control code for each area.

Remote Control Code Default Settings

Input area	Library (component category)	Manufacturer	Default YAMAHA code
CD	CD	YAMAHA	0005
MD/CD-R	MD	YAMAHA	0024
TUNER	TUNER	YAMAHA	0023* ¹ 0033* ²
DVD	DVD	YAMAHA	0098
DTV/CBL	—	—	—
V-AUX	—	—	—
VCR 1	—	—	—
DVR/VCR2	DVR	YAMAHA	0208
☆☆	—	—	—

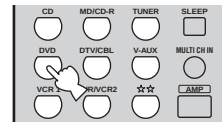
*¹ U.K. and Europe models

*² Other models

Note

You may not be able to operate your YAMAHA component even if a YAMAHA remote control code is initially set as listed above. In this case, try to set other YAMAHA remote control code(s).

- 1 Press an input selector button or ☆☆ to select the component you want to set up.



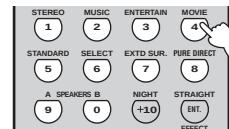
- 2 Press CODE SET using a ballpoint pen or similar object.

The TRANSMIT indicator on the remote control flashes twice.



- 3 Press the numeric buttons (0 to 9) to enter the four-digit remote control code for the component to be used.

Refer to “LIST OF REMOTE CONTROL CODES” at the end of this manual.



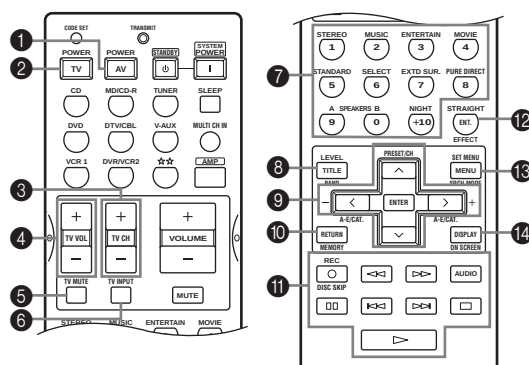
The TRANSMIT indicator on the remote control flashes twice, and the remote control code for the selected component is set.

Notes

- If the manufacturer of your component has more than one code, try each of them until you find the correct one.
- If you wait for more than 30 seconds during step 3, the setup process is canceled. If this happens, start over from step 2.

Controlling other components

Once you set the appropriate remote control codes, you can use this remote to control your other components. Note that some buttons may not correctly operate the selected component. Use the input selector buttons to select the component you want to operate. The remote control automatically switches to the appropriate control mode for that component.



	DVD player	VCR	Digital TV/ Cable TV	LD player	CD player	MD/CD recorder	Tuner
1 AV POWER	Power *1	Power *1	VCR power *3	Power *1	Power *1	Power *1	Power *1
2 TV POWER	TV power *2	TV power *2	TV power	TV power *2	TV power *2	TV power *2	TV power *2
3 TV CH +	TV channel up *2	TV channel up *2	TV channel up	TV channel up *2	TV channel up *2	TV channel up *2	TV channel up *2
TV CH -	TV channel down *2	TV channel down *2	TV channel down	TV channel down *2	TV channel down *2	TV channel down *2	TV channel down *2
4 TV VOL +	TV volume up *2	TV volume up *2	TV volume up	TV volume up *2	TV volume up *2	TV volume up *2	TV volume up *2
TV VOL -	TV volume down *2	TV volume down *2	TV volume down	TV volume down *2	TV volume down *2	TV volume down *2	TV volume down *2
5 TV MUTE	TV mute *2	TV mute *2	TV mute	TV mute *2	TV mute *2	TV mute *2	TV mute *2
6 TV INPUT	TV input *	TV input *2	TV input	TV input *2	TV input *2	TV input *2	TV input *2
7 1-9, 0, +10	Numeric buttons	Numeric buttons	Numeric buttons	Numeric buttons	Numeric buttons	Numeric buttons	Preset stations (1-8)
8 TITLE	Title						
9 PRESET/CH u	Up	VCR channel up					Preset up (1-8)
PRESET/CH d	Down	VCR channel down					Preset down (1-8)
j	Left						Preset down (A-E)
i	Right						Preset up (A-E)
0 RETURN	Return						
A REC/ DISC SKIP	Disc skip (player)	Rec	VCR rec *3		Disc skip	Rec (MD)	
h	Play	Play	VCR play *3	Play	Play	Play	
l l	Search backward	Search backward	VCR search backward *3	Search backward	Search backward	Search backward	
h h	Search forward	Search forward	VCR search forward *3	Search forward	Search forward	Search forward	
AUDIO	Audio			Sound			
e	Pause	Pause	VCR pause *3	Pause	Pause	Pause	
b	Skip backward			Skip backward	Skip backward	Skip backward	
a	Skip forward			Skip forward	Skip forward	Skip forward	
s	Stop	Stop	VCR stop *3	Stop	Stop	Stop	
B ENT.	Title/Index	Enter	Enter	Chapter/Time	Index	Index	
C MENU	Menu						
D DISPLAY	Display		Display	Display	Display	Display	

*1 This button functions only when the original remote control of the component has a POWER button.

*2 These buttons can operate your TV without switching the input if the remote control code is set in DTV/CBL or ☆☆. When the remote control code for your TV is set up in both the DTV/CBL and ☆☆ areas, priority is given to the signal in the DTV/CBL area.

*3 These buttons can operate your VCR without switching the input to VCR 1 if the remote control code is set in VCR 1.

Switching library codes

You can select the unit you want to operate with the remote control by entering the library code.

1 Press CODE SET using a ballpoint pen or similar object.

The TRANSMIT indicator on the remote control flashes twice.



2 Enter the code number “9991” or “9992” (see the table below).

The TRANSMIT indicator on the remote control flashes twice, and the library code is changed.

AMP library code (remote control setting)	Function	Remote control ID (unit setting: see page 73)
9991	To operate this unit using the default code.	ID1 (initial setting)
9992	To operate this unit using an alternative code.	ID2

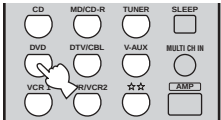
When using multiple YAMAHA receivers/amplifiers, you may be able to operate the other components simultaneously with the default code setting. In this case, set one of the alternative codes to operate this unit separately.

Note

You must also make settings for the receiver/amplifier.

Clearing set up remote control codes

1 Press an input selector button or ☆☆ to select the component control for which you want to clear the remote control code.



2 Press CODE SET using a ballpoint pen or similar object.

The TRANSMIT indicator on the remote control flashes twice.



3 Enter the code number “0000”.

The TRANSMIT indicator on the remote control flashes twice, and the remote control code for the selected component is cleared.

- y
- If you do not press any button within 30 seconds after step 2, the clearing process is canceled. If this happens, start over from step 1.
- You can clear all setup remote control codes at once by entering the code number “9990”.

LIST OF REMOTE CONTROL CODES

TV		ELIN	1001	LEYCO	1001	PENNY	0161, 0361, 0521,
A TANDY	0941	ELTA	0331	LG (GOLDSTAR)	0031, 0121,		0531, 0621, 0731,
ABEX	1151	EMERSON	0001, 0021, 0061,		0351, 0411, 0731,		0751, 0761, 0781,
ADMIRA	1141		0071, 0081, 0091,		0741, 0861, 0941,		0791, 0861, 0931,
ADVENTURA	1131		0111, 0811, 0821,		0971, 1001, 1031,		0941, 1031, 1041,
AIKO	1121		0831, 0841, 0851,		1111, 1151		1111, 1151, 1161
AIWA	1481		0861, 0871, 0901,	LIESENK & TTER	1001	PEONY	1561, 1621
AKAI	0331, 1101, 1111		0921, 0941, 0981,	LLOYTRON	0941	PHILCO	0361, 0581, 0591,
ALBA	0431		1011, 1031, 1051,	LOEWE	1001		0601, 0611, 0631,
ALLERON	1091	ENVISION	1081, 1091	LOGIK	0991, 1771		0961, 1031, 1111
AMBASSADOR	1081	ERRES	0361, 1111	LUXMAN	0351, 0971	PHILIPS	0101, 0401, 1001
AMSTRAD	0481, 1081	ETRON	1001	LXI	0101, 0621, 0761,	PHONOLA	1001
ANAM	0251, 1041, 1051,	FERGUSON	0331		0861, 0981	PILOT	0941, 1031, 1111
	1061, 1071	FINLUX	1001	MAGNAVOX	0101, 0341, 0391,	PIONEER	0511, 0551, 0871
ANAM NATIONAL	1041	FISHER	0171, 0801, 0981		0401, 0411, 0421,	PORTLAND	0941, 1031, 1121
AOC	0361, 1021, 1031,	FORMENTI	0441		0581, 0591, 0601,	PRICECLUB	0931
	1111, 1161	FORMONTI	1001		0611, 0631, 0661,	PRISM	0751
ARCHER	1161	FORTRESS	1141	MAJESTIC	0991	PROSCAN	0761
AUDIOSONIC	1001	FUJITSU	1091	MARANTZ	0101, 0221, 0361,	PROTECH	1001
AUDIOVOX	1051, 1161	FUNAI	1051, 1091, 1501,		1001, 1111	PROTON	0501, 0861, 0941,
BAUER	0441		1521	MARK	1001		1021, 1161
BAUR	1001	FUTURETECH	1051			PULSAR	0891
BEIJING	1511, 1551, 1561	GE	0131, 0161, 0201,	MATSUI	0271, 0331, 1001	PULSER	1031
BELCOR	1031		0751, 0761, 0771,	MEDIATOR	1001	QUASAR	0251, 0751, 1041
BELL & HOWELL	0981, 0991		0781, 0791, 0811,	MEGATRON	0691, 0861, 1161	QUELLE	1001
BEON	1001		0861, 1041	MEI	1011	RADIO SHACK	0541, 0941,
BRADFORD	1051	GEC	0271, 1001	M-ELECTRONIC	1001		1031, 1051,
BROCKWOOD	1031	GEMINI	0391	MEMOREX	0331, 0571, 0861,		1151
BROKSONIC	1161	GENEXXA	0431		0971, 0981, 0991,	RADIOLA	1001
BUSH	1001	GIBRALTER	0891, 1031, 1111		1771	RCA	0051, 0141, 0151,
CANDLE	0351, 0361, 0961,	GOODMANS/TASHIKO	0271, 0661, 1001	METZ	1791, 1831, 1891,		0181, 0411, 0491,
	0971, 1111, 1131				1901, 1911, 1921,		0531, 0761, 0771,
CAPEHART	1021	GRANADA	1001		1931, 1941		0871, 1031
CARVER	0101	GRUNDIG	1781, 1791, 1801,	MGA	0361, 0561, 0571,	REALISTIC	0541, 0861, 0941,
CATHAY	1001		1811, 1821, 1831,		0861, 1031, 1111		0971, 0981, 1031,
CELEBRITY	0951		1841, 1851, 1861,	MIDLAND	0751, 0761, 0891,		1051, 1111, 1151
CENTURION	0411		1871, 1881		0941, 1151	RHAPSODY	1011
CHANGHONG	1541, 1551, 1561,	GUNPY	1051, 1091	MITSUBISHI	0221, 0321, 0561,		1001
	1621	H/K	0721		0571, 0661, 0861,	RUNCO	0891, 1111
CITIZEN	0351, 0361, 0921,	HALLMARK	0861	MONTGOMERY	1091	SAISHO	0331, 1081
	0931, 0941, 0961,	HANSEATIC	1001	MOTOROLA	1041, 1141	SAMPO	0361, 0941, 1021,
	0971, 1111, 1121,	HARVARD	1051, 1061	MTC	0351, 0361, 0881,		1111, 1151
	1131	HINARI	1001, 1091		0931, 0971, 1011,	SAMSUNG	0331, 0341, 0351,
CLAIRTONE	1011	HITACHI	0181, 0351, 0671,		1031, 1111		0361, 0861, 0931,
CLARIVOX	1001		0681, 0691, 0701,	MULTITECH	0881, 1051		0941, 0971, 1001,
CONCERTO	0351, 0971		0711, 0871, 0941,	NAD	0551, 0621, 0861	SAMSUX	0941
CONROWA	1751		0971, 1351	NEC	0241, 0351, 0361,	SANYO	0171, 0231, 0271,
CONTEC	0901, 0911, 1011,	HYPSON	1001		0661, 0971, 1031,		0661, 0801, 0911,
	1051	IMA	1051		1111, 1321, 1711		0981, 1231, 1251,
CORANDO	0941	INDIANA	1001	NECKERMANN	1001		1261
CRAIG	0251, 1051	INFINITY REFERENCE	0101	NEI	1001	SBR	1001
CROWN	0941, 1051		0101	NIKKAI	0271, 0431, 1001,	SCHEIDER	1001
CURTIS MATHES	0161, 0361,	INTERFUNK	1001		1151	SCIMITSU	1031
	0931, 0941,	ITT	0611	NIKKO	0861, 1111, 1121	SCOTCH	0861
	0981, 1111	JANEIL	1131	NOVABEAM	0721	SCOTT	0831, 0861, 0941,
CXC	1051	JBL	0101	NTC	1121		1031, 1051, 1091
DAEWOO	0291, 0301, 0331,	JCB	0951	ONWA	1051	SEARS	0101, 0161, 0171,
	0721, 0941, 1001,	JENSEN	0311	OPTIMUS	0551		0351, 0481, 0521,
	1031, 1121, 1191,	JINXING	1531, 1541, 1551,	OPTONICA	0541, 1141		0621, 0761, 0801,
	1531, 1581, 1591,		1561, 1571, 1621,	ORION	0831, 1001		0861, 0971, 0981,
	1601		1631, 1641, 1651,	OSAKI	0271, 1151		1091
DANSAI	1001		1691, 1731	OTTO VERSAND	1001	SHANGHAI	1561, 1681
DAYTRON	0941, 1031	JVC	0261, 0281, 0641,	PANASONIC	0101, 0191, 0251,	SHARP	0461, 0471, 0541,
DECCA	0271, 1001		0651, 0661, 0841		0751, 1041, 1311,		0661, 0911, 0941,
DIXI	0331, 1001, 1071	KAWASHO	0901		1371, 1431		1141
DUMONT	0891, 1031	KAYPANI	1021	PANDA	1541, 1721	SHOGUN	1031
DYNATECH	0881	KENWOOD	0361, 1031, 1111			SIGNATURE	0991, 1771
ELECTROBAND	0951, 1011	KLOSS	0631, 0721, 1131			SIMPSON	0581, 0961
ELECTROHOME	0941	KTV	0921, 0941, 1011,			SOLAVOX	1151
ELECTRON	0941		1051, 1111			SONOKO	1001

APPENDIX-i

MITSUBISHI	0452, 0462, 0542, 0762, 0952, 1082	SYLVANIA	0002, 0492, 0502, 0762, 0932, 0992	MARANTZ	0027	ONKYO	0155, 0455, 0495, 0805, 1155
MOTOROLA	0472, 0932	SYMPHONIC	0992	MITSUBISHI	0137	OPTIMUS	0225, 0245, 0555, 0595, 0845, 0855, 0865, 0895, 0935
MTC	0922, 0992	TANDY	0992	NAD	0137	PANASONIC	0055, 0825, 1095, 1125
MULTITECH	0852, 0992	TASHIKO	0712, 0992	PANASONIC	0077, 0177	PENNY	0905
NAD	0442	TEAC	0992	PHILIPS	0027	PHILIPS	0165, 0215
NEC	0122, 0202, 0292, 0422, 0432, 0542, 0632	TECHNICS	0932	PIONEER	0017, 0037, 0137	PIONEER	0305, 0935, 1045
NIKKO	0912	TEKNIKA	0322, 0912, 0932, 0992	RCA	0167	PROTON	0215, 1185
NOBLEX	0922	TELEFUNKEN	0252	REALISTIC	0157	QUASAR	0055
OLYMPUS	0412, 0932	TMK	0212, 0732, 0772, 0922	SHARP	0127	RCA	0205, 0915, 1115
OPTIMUS	0442, 0472, 0912	TOSHIBA	0062, 0302, 0342, 0622, 0682, 0712, 0762	SONY	0047, 0057, 0117	REALISTIC	0205, 0225, 0235, 0325, 0555, 0845
OPTONICA	0402	TOTEVISION	0912, 0922	VICTOR	0097	REVOX	1175
ORION	0212, 0722, 0742, 0772	UNITECH	0922	YAMAHA	0007, 0067	ROTEL	0215
OSAKI	0912	VECTOR RESEARCH	0202, 0432, 0632			SABA TELECOMMANDER (E)	0505
PANASONIC	0012, 0052, 0092, 0222, 0372, 0382, 0392, 0412, 0932	VIDEO CONCEPTS	0202, 0432, 0632, 0952	ADC	0025, 0065	SAE	0215
PENNY	0202, 0432, 0602, 0632, 0692, 0912, 0922, 0932	WARDS	0322, 0402, 0472, 0482, 0602, 0712, 0842, 0852, 0922, 0932, 0992	ADCOM	0205, 0255, 1015	SAMSUNG	1285
PENTAX	0592, 0602	YAMAHA	0202, 0632	ADS	0265	SANSUI	0215, 0625, 0975, 1025, 1105
PERDIO	0992	ZENITH	0042, 0362, 0512, 0672	AIWA	0295, 0945, 1035, 1055	SANYO	0145, 0555, 0635, 0765
PHILCO	0002, 0932			AKAI	0175, 0485, 0535	SCOTT	0325, 1105
PHILIPS	0002, 0282, 0402, 0492, 0932			ALPINE	1215, 1305	SEARS	0345
PILOT	0912			AUDIO-TECHNICA	0545	SHARP	0235, 0665, 0895, 1065, 1075
PIONEER	0442, 0542			BSR	0245, 0655, 0775	SHERWOOD	0115, 0235, 0395, 0475
PROSCAN	1002, 1012, 1022, 1032, 1042, 1052, 1062			CALIFORNIA AUDIO LAB	0055	SIEMENS GARRARD	1245
PULSAR	0512			CAPETRONIC	1205	SIGNATURE	0175
QUARTER	0612			CARRERA	0245	SONTEC	1165
QUARTZ	0272, 0612			CARVER	0285, 1135	SONY	0065, 0565, 0865, 1145
QUASAR	0382, 0392, 0932			CASIO	0345	STARON	1235
RADIO SHACK	0912, 0992			CROWN	0185	STS	0025
RADIX	0912			CURTIS MATHES	0345	SYLVANIA	0215
RANDEX	0912			DENON	0275, 0875, 0885	SYMPHONIC	0335
RCA	0112, 0382, 0392, 0482, 0592, 0602, 0662, 0822, 0942			DEUAL (E)	0505	TANDY	0305
REALISTIC	0402, 0472, 0612, 0682, 0842, 0902, 0912, 0922, 0932, 0992			DYNAMIC BASS (H)	0555	TANGBERG	1195
RICOH	0352, 0362			EMERSON	0205, 0325, 1105	TEAC	0235, 0335, 0385, 0525, 0795, 0835, 1355
SAISHO	0212, 0582, 0722, 0732, 0742, 0772			EROICA	1275	TECHNICS	0055, 0605, 1095
SALORA	0612, 0762			FISHER	0095, 0555, 0925, 1005	TECHWOOD	1325
SAMSUNG	0212, 0312, 0922, 0962			GARRARD	0365	TELEFUNKEN (E)	0505
SANKY	0472, 0512			GENEXXA	0305, 0325, 1105	THOMSON (E)	0505
SANSUI	0292, 0542, 0832			H/K	0105, 0175, 0465, 0995	TOSHIBA	0035, 0685
SANYO	0242, 0612, 0842, 0902, 0922			HITACHI	0195, 0205, 0505, 0815	VECTOR RESEARCH	0065, 1135
SBR	0002, 0282			INKEL	0115, 0395	VICTOR	0315
SCHEIDER	0852			JVC	0315	WARDS	0175
SCOTT	0342, 0712, 0762, 0872, 0882, 0892			KENWOOD	0045, 0095, 0405, 0585, 0725, 0735, 0745, 0755, 0895	YAMAHA	0005, 0015, 0085, 0415, 0545, 0575, 1065
SEARS	0302, 0592, 0602, 0612, 0682, 0692, 0842, 0902, 0912, 0932			KYOCERA	0025		
SHARP	0402, 0472			LG (GOLDSTAR)	1135, 1225, 1265, 1335		
SHINTOM	0852			LUXMAN	0075, 0425, 0675, 0705, 0715, 0985		
SHOGUN	0922			MAGNAVOX	0165, 0215, 0645, 0955		
SINGER	0852			MARANTZ	0215, 0235, 0375, 0785, 1345		
SONY	0032, 0332, 0352, 0362, 0672, 0792, 0932			MCINTOSH	0355, 1085		
STS	0602			MCS	0905, 1315		
SUNPAK	0352			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		

CD PLAYER

DVD PLAYER

DVD RECORDER

LD PLAYER

CD RECORDER

MD RECORDER

YAMAHA	0024, 0394, 0404, 0514
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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
OPTIMUS	0034, 0064, 0204, 0334
ONKYO	0364, 0374
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, 0104, 0114, 0164, 0174, 0264