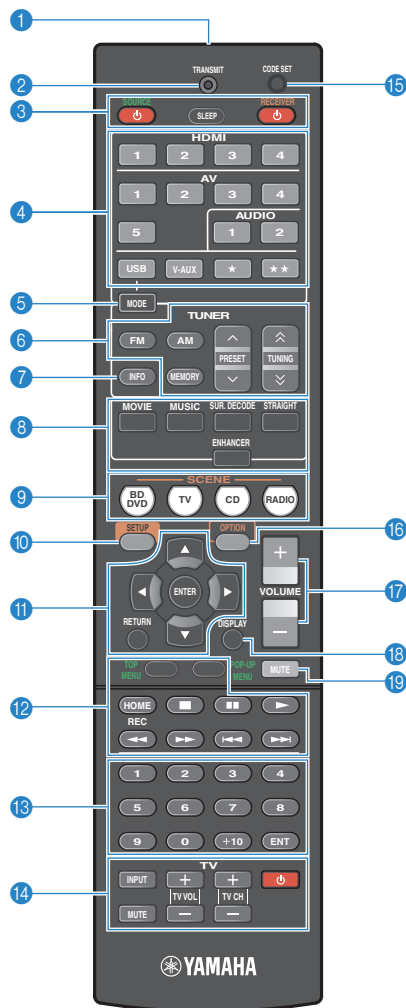


Remote control functions



1 Remote control signal transmitter

Transmits infrared signals.

2 TRANSMIT indicator

Lights up when remote control signals are transmitted.

3 SOURCE key

Turns on/off an external device (p.3).

SLEEP key

Switches the unit to standby mode automatically after a specified period of time has elapsed (sleep timer). Press repeatedly to set the time (120 min, 90 min, 60 min, 30 min, off).

RECEIVER key

Turns on/off (standby) the unit.

4 Input selection keys

Select an input source for playback.

- HDMI 1-4** HDMI 1-4 jacks
- AV 1-5** AV 1-5 jacks
- AUDIO 1-2** AUDIO 1-2 jacks
- USB** USB jack (on the front panel)
- V-AUX** VIDEO AUX jacks (on the front panel)
- ★/★★** Change the external device to be controlled without switching the input source.

5 MODE key

Switches between "Stereo" and "Mono" for FM radio reception.
Switches the iPod operation modes.

6 Radio keys

Operate the FM/AM radio.

- FM** Switches to FM radio.
- AM** Switches to AM radio.
- MEMORY** Registers FM/AM radio stations as presets.
- PRESET** Select a preset station.
- TUNING** Select the radio frequency.

7 INFO key

Selects the information displayed on the front display.

8 Sound mode keys

Select a sound mode.

9 SCENE keys

Select the registered input source and sound program with one touch. Also, turns on the unit when it is in standby mode.

10 SETUP key

Displays the setup menu.

11 Menu operation keys

Cursor keys Select a menu or a parameter.

ENTER Confirms a selected item.

RETURN Returns to the previous screen.

12 External device operation keys

Let you play back and select menus and perform other operations for external devices (p.3).

13 Numeric keys

Let you enter numerical values (p.3).

14 TV operation keys

Let you select TV input and volume and perform other TV operations (p.2).

15 CODE SET button

Registers remote control codes of external devices on the remote control (p.2).

16 OPTION key

Displays the option menu.

17 VOLUME keys

Adjust the volume.

18 DISPLAY key

Switches between the browser and playback screens during playback of the iPod or USB storage device.
Switches the display information for the external device (p.3).

19 MUTE key

Mutes the audio output.



- To operate external devices with the remote control, register a remote control code for each device before using (p.2).



Controlling external devices with the remote control

You can use the unit's remote control to operate external devices (such as BD/DVD players) if you have registered the remote control code of the external device.



- You cannot control an external device that does not have a remote control sensor.
- Ensure that the remote control ID of the external device is set to "ID1". If any other ID is selected, the remote control operations may not work properly.
- If the unit's remote control is without batteries for more than 2 minutes, the registered codes may be cleared. If this happens, insert new batteries and register the codes again.



- Under the unit's default settings, the amplifier code (Yamaha: 5098) is set for all the input selection keys. With this setting, you can control HDMI Control-compatible devices connected to the unit with the remote control. (This function may not work depending on the specification of the external device.)

Registering the remote control code for a TV

You can use the unit's remote control to operate a TV if you have registered its remote control code.



- You can also register your TV's remote control code to the unit's input selection keys (p.3). This would allow you to use the cursor keys or numeric keys to operate the TV (this function may not be available on some TV models).

1 See "List of remote control codes" (p.6) to find your TV's remote control code.



- If there are multiple remote control codes, register the first code in the list. If that does not work, try the other codes.

2 Press CODE SET using a pointed object such as the tip of a ballpoint pen.

The TRANSMIT indicator blinks twice.

Perform each of the following steps within 1 minute. Otherwise, the setting will be canceled. If this happens, repeat from Step 2.

3 Press TV .

4 Use the numeric keys to enter the 4-digit remote control code.

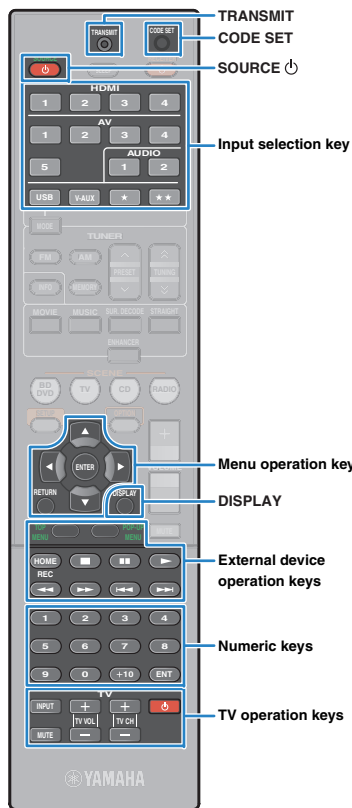
Once the remote control code is successfully registered, the TRANSMIT indicator blinks twice.

If it blinks six times, registration has failed. Repeat from Step 2.

TV operations

Once you have registered the remote control code for your TV, you can control it using the TV operation keys, regardless of the input source selected on the unit.

TV operation keys	INPUT	Switches the video inputs of the TV.
	MUTE	Mutes the audio output of the TV.
	TV VOL	Adjust the volume of the TV.
	TV CH	Switch the channels of the TV
	TV 	Turns on/off the TV.



Registering the remote control codes for playback devices

You can use the unit's remote control to operate playback devices if you have registered their remote control codes. You can also use the input selection keys to change the playback devices that are controlled by the remote control, because their remote control codes are assigned to the input selection keys.



- If you assign the remote control code for an external device to the star (★ or ★★) key, you can operate the device with the remote control without switching the input source after pressing the star key.

1 See “List of remote control codes” (p.6) to find the remote control code for your playback device.



- If there are multiple remote control codes, register the first code in the list. If that does not work, try the other codes.

2 Press CODE SET using a pointed object such as the tip of a ballpoint pen.

The TRANSMIT indicator blinks twice.

Perform each of the following steps within 1 minute. Otherwise, the setting will be canceled. If this happens, repeat from Step 2.

3 Press the input selection key.

For example, press HDMI 1 to set the remote control code for the playback device connected to the HDMI 1 jack.

4 Use the numeric keys to enter the 4-digit remote control code.

Once the remote control code is registered successfully, the TRANSMIT indicator blinks twice.

If it blinks six times, registration has failed. Repeat from Step 2.



- For details on how to register a remote control code to a SCENE key, see “Changing the external device assigned to the SCENE keys” (p.4)

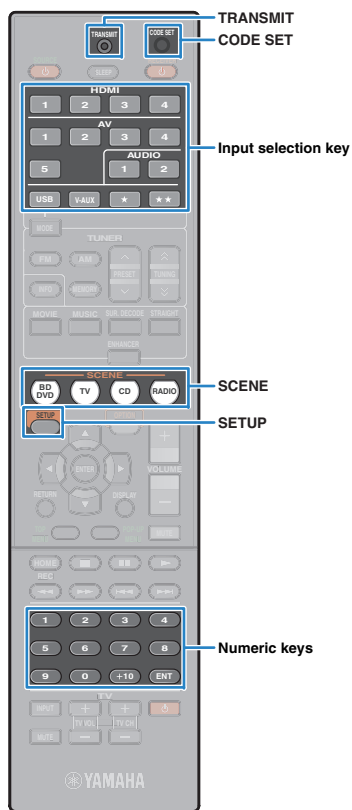
Playback device operations

Once you have registered the remote control code for your playback device, you can control it using the following keys after selecting the input source or scene.

SOURCE 		Turns on/off the playback device.
Menu operation keys	Cursor keys	Select an item.
	ENTER	Confirms a selected item.
	RETURN	Returns to the previous screen.
DISPLAY		Switches information on the display.
External device operation keys	TOP MENU	Displays the top menu.
	POP-UP MENU	Displays the pop-up menu.
	HOME/REC	Displays the home menu. Starts recording.
		Stops playback.
		Stops playback temporarily.
		Starts playback of the selected song/video.
		Searches forward/backward (by holding down).
		
		Skips forward/backward.
Numeric keys		Enter numerical values.
TV operation keys		Control the TV (p.2).



- These keys work only if the corresponding function is available on your playback device and if the device can be operated with an infrared remote control.



Changing the external device assigned to the SCENE keys

If you want to control your playback device after selecting a scene, follow the procedure below.

- 1 If you have not registered the remote control code for the device yet, follow “Registering the remote control codes for playback device” (p.3).**
- 2 Hold down the corresponding SCENE key and input selection key together for more than 3 seconds.**

Once the setting is successfully completed, the TRANSMIT indicator blinks twice.

If it blinks six times, the setting has failed. Repeat step 2.

Resetting remote control codes

You can reset a remote control code registered to each input selection key.

- 1 Press CODE SET using a pointed object such as the tip of a ballpoint pen.**

The TRANSMIT indicator blinks twice.

Perform each of the following steps within 1 minute. Otherwise, the setting will be canceled. If this happens, repeat from Step 1.

- 2 Press the input selection key.**

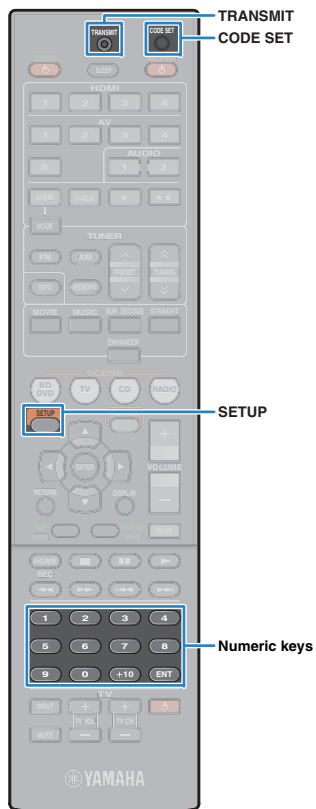
- 3 Use the numeric keys to enter “5098”.**

Once the remote control code is reset successfully, the TRANSMIT indicator blinks twice.

If it blinks six times, resetting has failed. Repeat from Step 1.

To reset the remote control to factory default settings

- ① Press CODE SET using a pointed object such as the tip of a ballpoint pen.
- ② Press SETUP.
- ③ Use the numeric keys to enter “9981”.



Changing the remote control ID of the remote control

Change the remote control's ID so that it matches the unit's remote control ID.



- Perform each of the following steps within 1 minute. Otherwise, the setting will be automatically canceled.

- 1 Press CODE SET on the remote control using a pointed object, such as the tip of a ballpoint pen.**
- 2 Press SETUP.**
- 3 Use the numeric keys to enter “5019” (ID1) or “5020” (ID2).**

Once the remote control ID is registered successfully, the TRANSMIT indicator blinks twice.

If it blinks six times, registration failed. Repeat from Step 1.



- The registered remote control codes are not cleared even if you change the remote control ID.
- You can change the unit's remote control ID in the “ADVANCED SETUP” menu. For details, refer to “Owner's Manual”.

List of remote control codes

TV

A.R. Systems	0320	Arthur Martin	0321	Bush	0269, 0282, 0283, 0304, 0320, 0323, 0328, 0332, 0340, 0343, 0344, 0346, 0348, 0349, 0350, 0372, 0382, 0463, 0470, 0472	Crown	0058, 0161, 0171, 0179, 0320, 0323, 0343, 0349, 0350, 0351
Acme	0342	ASA	0339, 0347	byd:sign	0093	CS Electronics	0277, 0340, 0342
Acura	0323, 0343	Asberg	0171, 0320, 0350	Candle	0008, 0026, 0050, 0057	CTC Clatronic	0341
ADC	0337	Astra	0343	Capsonic	0337	CTX	0205
Admiral	0054, 0178, 0336, 0337, 0339, 0346, 0347	Asuka	0277, 0282, 0337, 0340, 0342	Carena	0320	Curtis Mathes	0007, 0008, 0010, 0019, 0021, 0026, 0049, 0050, 0178
Advent	0158	Atlantic	0277, 0320, 0342, 0349, 0350	Carnivale	0050	CXC	0058, 0179
Adventura	0057	Atori	0323, 0343	Carrefour	0344	Cybertron	0340
Adyson	0277, 0282, 0342	Auchan	0321	Carver	0010	Cytron	0152
Agashi	0277, 0282	Audiosonic	0161, 0282, 0320, 0340, 0342, 0343, 0349, 0350	Cascade	0320, 0323, 0343	Daewoo	0007, 0008, 0026, 0037, 0053, 0167, 0266, 0275, 0277, 0282, 0315, 0320, 0323, 0331, 0335, 0342, 0343, 0350, 0381, 0465
Agazi	0337	AudioTon	0161, 0282, 0342	Casio	0367	Dainichi	0277, 0340
Aiko	0277, 0282, 0320, 0323, 0342, 0343	Ausind	0171	Cathay	0320, 0349, 0350	Dansai	0277, 0282, 0320, 0337, 0349, 0350
Aim	0320	Autovox	0171, 0282, 0337, 0339, 0342	CCE	0183, 0282	Dantax	0161, 0349
Aiwa	0078, 0379	Aventura	0051	Celebrity	0055, 0107	Dawa	0320
Akai	0050, 0055, 0109, 0159, 0181, 0277, 0282, 0320, 0323, 0340, 0343, 0349, 0350	Awa	0277, 0282	Celera	0039	Daytron	0007, 0008, 0026, 0323, 0343
Akiba	0320, 0340	Axion	0156	Centurion	0320, 0349, 0350	De Graaf	0346
Akura	0320, 0323, 0337, 0340	Baird	0282	Century	0339	Decca	0282, 0320, 0342, 0349, 0350
Alaron	0277	Bang & Olufsen	0180, 0339	CGE	0161, 0171	Dell	0145, 0245
Alba	0161, 0277, 0320, 0323, 0340, 0342, 0343, 0344, 0349, 0351, 0372, 0382	Basic Line	0282, 0320, 0323, 0340, 0343, 0350	Changhong	0039	Denver	0358, 0362
Albatron	0140	Bastide	0282, 0342	Chimei	0273	Desmet	0320, 0349, 0350
Alcyon	0171	Baur	0320, 0349	Cimline	0323, 0343	Diamant	0320
Alleron	0059	Bazin	0282	Citizen	0007, 0008, 0026, 0050, 0058	Diamond	0277
Allorgan	0282	Beko	0161, 0269, 0294, 0302, 0311, 0320, 0328, 0351	City	0323, 0343	DiamondVision	0135, 0143
Allstar	0320, 0350	Belcor	0008	Clarion	0179	Dimensia	0049
America Action	0179	Bell & Howell	0019, 0054	Clarivox	0349	Disney	0219
AMOi	0276	Benq	0097, 0242, 0361	Clatronic	0161, 0171, 0282, 0320, 0323, 0337, 0340, 0342, 0343, 0350, 0351	Dixi	0282, 0320, 0323, 0343, 0349, 0350
Amplivision	0161, 0282, 0321, 0342	Beon	0320, 0349, 0350	CMS	0277	Dream Vision	0461, 0498
Amstrad	0320, 0323, 0337, 0340, 0343	Best	0161	CMS Hightec	0282	DTS	0323, 0343
Amtron	0058	Bestar	0161, 0320, 0350	Coby	0197	Dual	0282, 0320, 0342
Anam	0179, 0343	Binatone	0282, 0342	Colortyme	0008, 0026	Dual-Tec	0342, 0343
Anam National	0052, 0058	Blue Sky	0320, 0340	Commercial Solutions	0021	Dumont	0008, 0030, 0062, 0282, 0339, 0341, 0342
Anglo	0323, 0343	Blue Star	0348	Concerto	0008, 0026	Durabrand	0031, 0051, 0179, 0215
Anitech	0171, 0320, 0323, 0337, 0343	Boots	0282, 0342	Concorde	0323, 0343	Dux	0349
Ansonic	0161, 0168, 0320, 0323, 0341, 0343	BPL	0320, 0348	Condor	0161, 0277, 0320, 0323, 0342, 0350, 0351	Dwin	0178
AOC	0008, 0026, 0050, 0053	Bradford	0058, 0179	Contec	0179, 0277, 0323, 0342, 0343, 0344	Dynatron	0320, 0349, 0350
Apex	0039, 0111, 0217	Brandt	0322, 0345	Contec/Cony	0012, 0058	Dynex	0228, 0231
Arcam	0277, 0282	Brilliant	0182	Continental Edison	0345	EIZO	0509
Arcam Delta	0342	Brinkmann	0320	Cosmel	0323, 0343	Elbe	0161, 0168, 0282, 0320
Aristona	0320, 0349, 0350	Brionvega	0320, 0339, 0349, 0350	Craig	0058, 0179	Elcitra	0339
		Britannia	0277, 0282, 0342	Crosley	0010, 0037, 0171, 0339	Electa	0348
		Brockwood	0008			ELECTRO TECH	0343
		Broksonic	0109, 0179				
		Bruns	0339				
		BTC	0340				

Electroband	0055, 0107	Fujitsu Siemens	0504, 0505, 0507, 0510, 0511	Harwood	0320, 0323	Intervision	0161, 0282, 0320, 0337, 0341, 0342
Electrograph	0176	Funai	0051, 0058, 0059, 0112, 0113, 0115, 0118, 0119, 0179, 0337, 0488, 0489	Havermy	0178	Irradio	0171, 0320, 0323, 0340, 0343, 0349, 0350
Electrohome	0008, 0026, 0052, 0055			HCM	0282, 0320, 0323, 0337, 0342, 0343, 0348	Isukai	0320, 0340
Element	0230	Futuretech	0058, 0179	Hema	0282, 0323	ITC	0282, 0342
Elin	0277, 0320, 0323, 0342, 0349, 0350	Galaxi	0320, 0351	Hewlett Packard	0192	ITS	0277, 0320, 0340, 0348, 0350
Elite	0320, 0340, 0350	Galaxis	0161, 0320	Higashi	0277	ITT	0343, 0347
Elman	0341	Gateway	0176, 0177, 0241	HiLine	0320	ITV	0320, 0343, 0349
Elta	0277, 0323, 0343	GBC	0323, 0343, 0344	Hinari	0320, 0323, 0340, 0343, 0344, 0349, 0350	Janeil	0057
Emerson	0000, 0007, 0008, 0012, 0013, 0019, 0026, 0031, 0037, 0051, 0058, 0059, 0161, 0179, 0320, 0339	GE	0008, 0021, 0023, 0026, 0027, 0031, 0034, 0049, 0052, 0056, 0209	Hisawa	0321, 0340, 0348	JBL	0010
		Geant Casino	0321	Hisense	0247	JC Penney	0007, 0008, 0026, 0027, 0049, 0053, 0056
Emprex	0154	GEC	0282, 0320, 0342, 0347, 0349, 0350	Hitachi	0008, 0012, 0026, 0066, 0084, 0092, 0093, 0120, 0172, 0173, 0255, 0270, 0271, 0282, 0320, 0335, 0338, 0342, 0344, 0346, 0347, 0365, 0382, 0448, 0456, 0467, 0482, 0484, 0487	JCB	0055, 0107
Envision	0008, 0026, 0050	Geloso	0323, 0343, 0346			Jensen	0008, 0026
Epson	0155, 0206, 0359	General Technic	0323, 0343	Hornlyphon	0320, 0350	JVC	0012, 0014, 0015, 0056, 0064, 0065, 0067, 0169, 0174, 0297, 0314, 0344, 0350, 0375
Erres	0320, 0349, 0350	Genexxa	0320, 0340, 0347, 0350	Hoshai	0340	Kaisui	0277, 0282, 0320, 0323, 0340, 0342, 0343, 0348
ESA	0051	GFM	0128, 0227	Huanyu	0277, 0342	Kamosonic	0342
ESC	0282	Giant	0282	Hygashi	0277, 0282, 0342	Kamp	0277, 0342
Etron	0343	Gibralter	0008, 0030, 0050, 0062	Hyper	0277, 0282, 0323, 0342, 0343	Kapsch	0347
Eurofeel	0282	GoldHand	0277	Hypson	0282, 0320, 0321, 0337, 0342, 0348, 0349, 0350	Karcher	0161, 0320, 0342, 0343, 0349
Euro-Feel	0337	Goldline	0320			Kawasho	0008, 0026, 0055, 0277
Euroline	0349	GoldStar	0007, 0008, 0012, 0026, 0031, 0050, 0053, 0161, 0277, 0282, 0320, 0323, 0342, 0343, 0346, 0349, 0350	Hyundai	0141	KEC	0179
Euroman	0161, 0277, 0282			Iberia	0320	Kendo	0161, 0320, 0341, 0346
Euromann	0320, 0337, 0342, 0350	Goodmans	0246, 0272, 0282, 0320, 0323, 0337, 0343, 0344, 0349, 0350, 0462, 0473, 0477	ICE	0277, 0282, 0320, 0323, 0337, 0340, 0342, 0343, 0350	Kenwood	0008, 0026, 0050
Europhon	0277, 0282, 0320, 0341, 0342, 0350			ICeS	0277	KIC	0282
Expert	0321	Gorenje	0161, 0351	Ilo	0148, 0153	Kingsley	0277, 0342
Exquisit	0320	GPM	0340	IMA	0058	KLH	0039
Fenner	0323, 0343	GPX	0129	Imperial	0161, 0171, 0320, 0347, 0350, 0351	Kloss Novabeam	0057, 0058
Ferguson	0322, 0345, 0349	Gradiente	0240			Kneissel	0161, 0168, 0320
Fidelity	0277, 0320, 0342, 0346	Graetz	0347	Indiana	0320, 0349, 0350	Kolster	0320, 0350
Filsai	0282	Granada	0171, 0282, 0320, 0321, 0342, 0344, 0346, 0349, 0350	Infinity	0010	Konka	0340
Finlandia	0346			InFocus	0250, 0327, 0363, 0479, 0508	Korpel	0320, 0349, 0350
Finlux	0171, 0282, 0320, 0339, 0341, 0342, 0349, 0350	Grandin	0340, 0343, 0348, 0349	Ingelen	0347	Korting	0161, 0339
FIRST LINE	0342, 0343, 0350	Gronic	0282	Ingersol	0323, 0343	Kosmos	0320
Firstline	0277, 0282, 0320, 0323	Grundig	0160, 0161, 0171, 0310, 0320	Initial	0153	Koyoda	0343
Fisher	0019, 0161, 0282, 0339, 0342, 0344, 0351	Grunpy	0058, 0059, 0179	Inno Hit	0171, 0282, 0320, 0323, 0340, 0342, 0343, 0349, 0350	KTV	0007, 0050, 0058, 0179, 0183, 0282, 0342
Flint	0320, 0350	Haier	0157, 0233				0277, 0282
Formenti	0171, 0277, 0336, 0339, 0342, 0349	Halifax	0277, 0282, 0337, 0342	Innovation	0337, 0343	Kyoto	0161
		Hallmark	0008, 0026, 0031	Insignia	0131, 0228, 0236, 0238	Lasat	0323, 0343
Formenti/Phoenix	0277	Hampton	0277, 0282, 0342	Inteq	0030	Lenco	0323, 0342, 0343
Fortress	0336, 0339	Hanseatic	0161, 0168, 0282, 0320, 0323, 0342, 0343, 0344, 0349, 0350	Interactive	0161	Lenoir	0320, 0337, 0349, 0350
Fraba	0161, 0320			Interbuy	0323, 0343	Leyco	0031, 0053, 0066, 0116, 0117, 0140, 0161, 0164, 0175, 0195, 0269, 0277, 0282, 0300, 0309,
Friac	0161	Hantarex	0320, 0323, 0343	Interfunk	0161, 0320, 0339, 0347, 0349, 0350	LG	
Frontech	0282, 0323, 0337, 0343, 0346, 0347	Hantor	0320				
		Harman/Kardon	0010	International	0277		
Fujitsu	0059, 0069, 0074, 0075, 0282	Harvard	0058, 0179				
Fujitsu General	0282						

Recor	0320	Sentra	0323	Supra	0323, 0343	Tokai	0282, 0320, 0350
Redstar	0320	Serino	0277	Supre-Macy	0057	Tokyo	0277, 0342
Reflex	0320	Sharp	0000, 0001, 0002, 0003, 0007, 0008, 0012, 0026, 0060, 0088, 0089, 0091, 0138, 0165, 0170, 0178, 0198, 0229, 0262, 0278, 0279, 0291, 0308, 0312, 0336, 0344, 0354, 0370, 0449, 0450, 0451, 0464, 0474, 0476, 0481	Supreme	0055, 0107	Tomashi	0348
Revox	0161, 0320, 0349, 0350			Susumu	0340	Toshiba	0018, 0019, 0040, 0041, 0046, 0073, 0100, 0103, 0108, 0109, 0111, 0121, 0132, 0166, 0208, 0210, 0214, 0217, 0260, 0268, 0282, 0283, 0293, 0304, 0306, 0307, 0329, 0344, 0355, 0454, 0491
Rex	0337, 0346, 0347			Sutron	0323, 0343		
RFT	0161, 0168, 0339			SVA	0151		
Rhapsody	0277			Sydney	0277, 0282, 0342		
R-Line	0320, 0349, 0350			Sylvania	0008, 0009, 0010, 0011, 0013, 0026, 0048, 0050, 0051, 0128, 0227, 0253		
Roadstar	0323, 0337, 0340, 0343			Symphonic	0051, 0058, 0062, 0128, 0179, 0215	Totevision	0007
Robotron	0339	Sheng Chia	0178			Towada	0282, 0347
Rowa	0277, 0282	Shogun	0008	Syntax	0199	Trakton	0282
Royal Lux	0161	Siarem	0320, 0339, 0341	Syntax-Brilliant	0199	Trans Continens	0282, 0320
RTF	0339	Sierra	0320, 0350	Sysline	0349	Transtec	0277
Runco	0030, 0050, 0062	Siesta	0161	Sytong	0277	Trident	0282
Saba	0298, 0322, 0339, 0345, 0347	Signature	0054	Tandy	0178, 0282, 0336, 0340, 0342, 0347	Triumph	0320
Saisho	0282, 0323, 0337, 0342, 0343	Silva	0277	Tashiko	0277, 0282, 0342, 0344, 0346	Uher	0161, 0171, 0320, 0347, 0350
Salora	0346, 0347	Silver	0344	Tatung	0052, 0177, 0282, 0320, 0342, 0349, 0350	Ultravox	0277, 0320, 0339, 0341, 0342
Sambers	0171, 0341	Singer	0321, 0339, 0341	TCM	0337, 0343	Unic Line	0320
Sampo	0007, 0008, 0026, 0050, 0176	Sinudyne	0320, 0339, 0341, 0349	Teac	0282, 0320	United	0349
Samsung	0004, 0005, 0006, 0007, 0008, 0012, 0026, 0031, 0036, 0050, 0053, 0076, 0077, 0079, 0114, 0124, 0125, 0126, 0127, 0139, 0161, 0183, 0185, 0190, 0191, 0258, 0264, 0277, 0282, 0320, 0323, 0334, 0337, 0342, 0343, 0349, 0350, 0351, 0373, 0453, 0468	Skantic	0347	Technics	0282, 0323, 0342, 0343	Univox	0320
		Solavox	0347	TechniSat	0017, 0023, 0056	Vector Research	0050
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