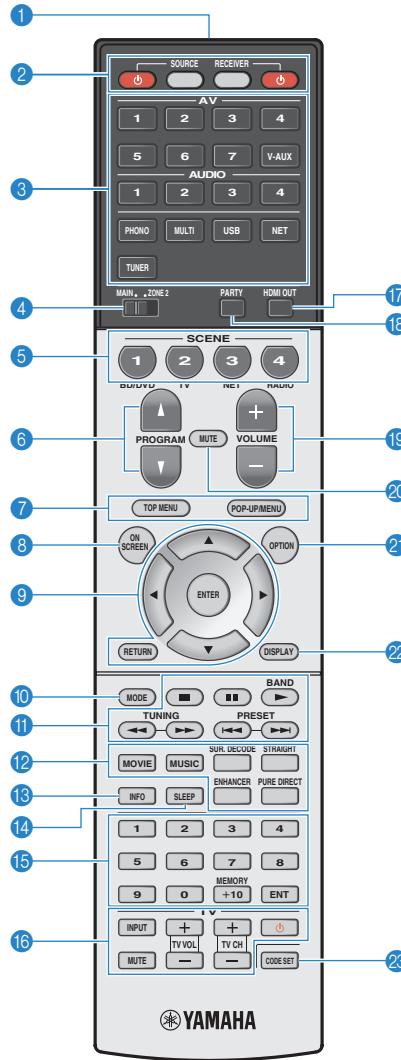


Remote control functions



1 Remote control signal transmitter

Transmits infrared signals.

2 SOURCE Ⓜ key

Turns on/off an external device.

SOURCE key

Sets the remote control to operate external devices (p.3). This key lights up in green after pressed.

RECEIVER Ⓜ key

Sets the remote control to operate the unit (p.3). This key lights up in orange after pressed.

RECEIVER Ⓜ key

Turns on/off (standby) the unit.

3 Input selection keys

Select an input source for playback.

4 MAIN / ZONE2 switch

Changes the zone (main zone or Zone2) that is controlled by the remote control.

5 SCENE keys

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

6 PROGRAM keys

Select a sound program.

7 External device operation keys

Select menus for external devices.

8 ON SCREEN key

Displays the on-screen menu on the TV.

9 Menu operation keys

Cursor keys Select a menu or a parameter.

ENTER Confirms a selected item.

RETURN Returns to the previous screen.

10 MODE key

Switches the iPod operation modes.

11 Radio keys

Operate the FM/AM radio when "TUNER" is selected as the input source.

BAND Switches between FM and AM radio.

PRESET Select a preset station.

TUNING Select the radio frequency.

External device operation keys

Let you play back and perform other operations for external devices when an input source other than "TUNER" is selected.

12 Sound mode keys

Select a sound mode.

13 INFO key

Selects the information displayed on the front display.

14 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).

15 Numeric keys

Let you enter numerical values, such as radio frequencies.

MEMORY key

Registers FM/AM radio stations as presets.

16 TV operation keys

Let you select TV input and volume, and perform other TV operations.

17 HDMI OUT key

Selects HDMI OUT jacks to be used for video/audio output.

18 PARTY key

Turns on/off the party mode.

19 VOLUME keys

Adjust the volume.

20 MUTE key

Mutes the audio output.

21 OPTION key

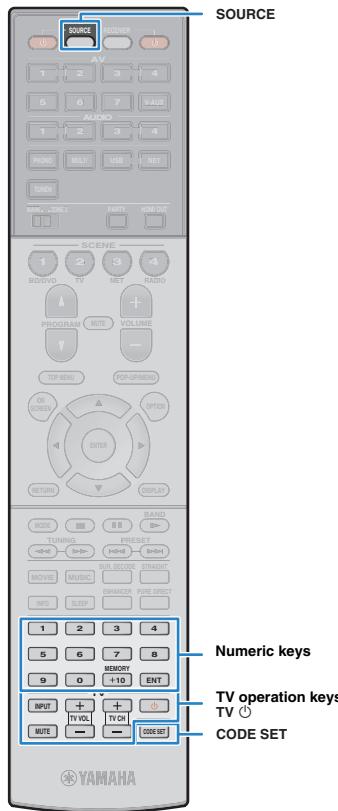
Displays the option menu.

22 DISPLAY key

Displays status information on the TV.

23 CODE SET key

Registers remote control codes of external devices on the remote control.



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. 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.

SOURCE 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.

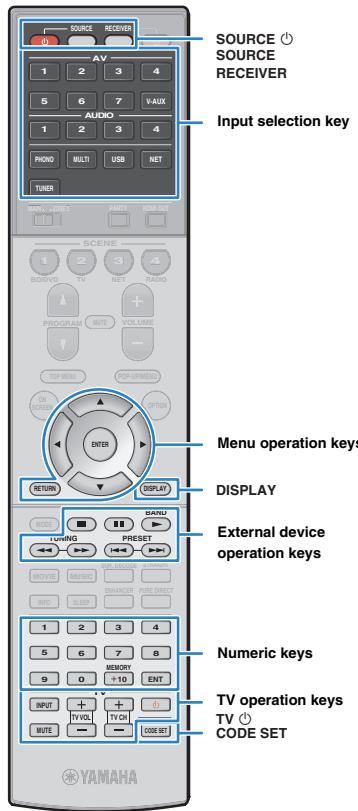
Once the remote control code is successfully registered, SOURCE blinks twice.

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.

	INPUT	Switches the video inputs of the TV.
	MUTE	Mutes the audio output of the TV.
TV operation keys	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.

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.

SOURCE 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 AV 1 to set the remote control code for the playback device connected to the AV 1 jack.

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

Once the remote control code is registered successfully, SOURCE 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.

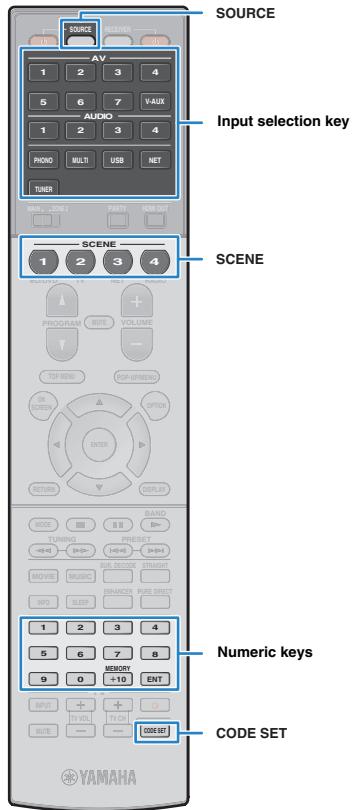


- By pressing SOURCE or RECEIVER, you can switch the devices (the unit or external device) that are operated by the menu operation keys, DISPLAY and numeric keys. You can operate the unit after pressing RECEIVER (lights up in orange), and an external device after pressing SOURCE (lights up in green). For example, if you register the remote control code of your external device on TUNER, you can operate the unit's built-in FM/AM radio after pressing RECEIVER and the external device after pressing SOURCE.

SOURCE Ⓛ	Turns on/off the playback device.
Menu operation keys	Cursor keys Select an item.
DISPLAY	ENTER Confirms a selected item.
External device operation keys	RETURN Returns to the previous screen.
Numeric keys	DISPLAY Switches information on the display.
TV operation keys	TOP MENU Displays the top menu.
TV Ⓛ	POP-UP/MENU Displays the pop-up menu.
CODE SET	■ Stops playback.
	■■ Stops playback temporarily.
External device operation keys	▶ 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 SOURCE 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.**

SOURCE 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.**

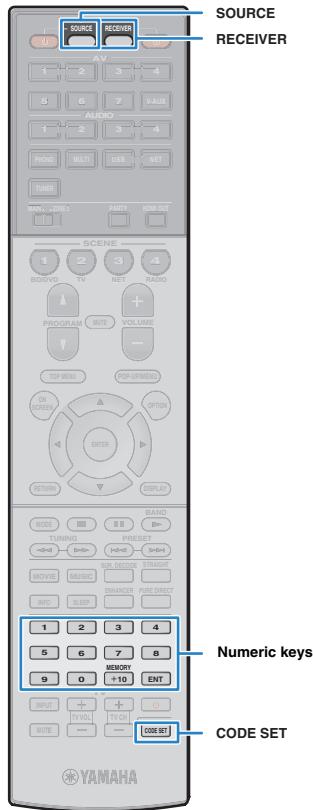
- 3 Use the numeric keys to enter “5098”.**

Once the remote control code is reset successfully, SOURCE 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.
- ② Press RECEIVER.
- 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.**
- 2 Press RECEIVER.**
- 3 Use the numeric keys to enter “5019” (ID1) or “5020” (ID2).**

Once the remote control ID is registered successfully, the SOURCE 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
 Acme 0342
 Acura 0323, 0343
 ADC 0337
 Admiral 0054, 0178, 0336, 0337, 0339, 0346, 0347
 Advent 0158
 Adventura 0057
 Adyson 0277, 0282, 0342
 Agashi 0277, 0282
 Agazi 0337
 Aiko 0277, 0282, 0320, 0323, 0342, 0343
 Aim 0320
 Aiwa 0078, 0379
 Akai 0050, 0055, 0109, 0159, 0181, 0277, 0282, 0320, 0323, 0340, 0343, 0349, 0350
 Akiba 0320, 0340
 Akura 0320, 0323, 0337, 0340
 Alaron 0277
 Alba 0161, 0277, 0320, 0323, 0340, 0342, 0343, 0344, 0349, 0351, 0372, 0382
 Albatron 0140
 Alcyon 0171
 Alleron 0059
 Allorgan 0282
 Allstar 0320, 0350
 America Action 0179
 AMOI 0276
 Amplivision 0161, 0282, 0321, 0342
 Amstrad 0320, 0323, 0337, 0340, 0343
 Amtron 0058
 Anam 0179, 0343
 Anam National 0052, 0058
 Anglo 0323, 0343
 Anitech 0171, 0320, 0323, 0337, 0343
 Ansonic 0161, 0168, 0320, 0323, 0341, 0343
 AOC 0008, 0026, 0050, 0053
 Apex 0039, 0111, 0217
 Arcam 0277, 0282
 Arcam Delta 0342
 Aristona 0320, 0349, 0350

Arthur Martin 0321
 ASA 0339, 0347
 Asberg 0171, 0320, 0350
 Astra 0343
 Asuka 0277, 0282, 0337, 0340, 0342
 Atlantic 0277, 0320, 0342, 0349, 0350
 Atori 0323, 0343
 Auchan 0321
 Audiosonic 0161, 0282, 0320, 0340, 0342, 0343, 0349, 0350
 AudioTon 0161, 0282, 0342
 Audiovox 0058, 0179, 0194
 Ausind 0171
 Autovox 0171, 0282, 0337, 0339, 0342
 Aventura 0051
 Awa 0277, 0282
 Axion 0156
 Baird 0282
 Bang & Olufsen 0180, 0339
 Basic Line 0282, 0320, 0323, 0340, 0343, 0350
 Bastide 0282, 0342
 Baur 0320, 0349
 Bazin 0282
 Beko 0161, 0269, 0294, 0302, 0311, 0320, 0328, 0351
 Belcor 0008
 Bell & Howell 0019, 0054
 Benq 0097, 0242, 0361
 Beon 0320, 0349, 0350
 Best 0161
 Bestar 0161, 0320, 0350
 BGH 0400
 Binatone 0282, 0342
 Blue Sky 0320, 0340
 Blue Star 0348
 Boots 0282, 0342
 BPL 0320, 0348
 Bradford 0058, 0179
 Brandt 0322, 0345
 Brillian 0182
 Brinkmann 0320
 Brionvega 0320, 0339, 0349, 0350
 Britannia 0277, 0282, 0342
 Brockwood 0008
 Broksonic 0109, 0179
 Bruns 0339
 BTC 0340

Bush 0269, 0282, 0283, 0304, 0320, 0323, 0328, 0332, 0340, 0343, 0344, 0346, 0348, 0349, 0350, 0372, 0382, 0463, 0470, 0472
 byd:sign 0093
 Candle 0008, 0026, 0050, 0057
 Capsonic 0337
 Carena 0320
 Carnivale 0050
 Carrefour 0344
 Carver 0010
 Cascade 0320, 0323, 0343
 Casio 0367
 Cathay 0320, 0349, 0350
 CCE 0183, 0282
 Celebrity 0055, 0107
 Celera 0039
 Centurion 0320, 0349, 0350
 Century 0339
 CGE 0161, 0171
 Changhong 0039
 Chimei 0273
 Cimline 0323, 0343
 Citizen 0007, 0008, 0026, 0050, 0058
 City 0323, 0343
 Clarion 0179
 Clarivox 0349
 Clatronic 0161, 0171, 0282, 0320, 0323, 0337, 0340, 0342, 0343, 0350, 0351
 CMS 0277
 CMS Hightec 0282
 Coby 0197
 Colortyme 0008, 0026
 Commercial Solutions 0021
 Concerto 0008, 0026
 Concorde 0323, 0343
 Condor 0161, 0277, 0320, 0323, 0342, 0350, 0351
 Contec 0179, 0277, 0323, 0342, 0343, 0344
 Contec/Cony 0012, 0058
 Continental Edison 0345
 Cosmel 0323, 0343
 Craig 0058, 0179
 Crosley 0010, 0037, 0171, 0339

Crown 0058, 0161, 0171, 0179, 0320, 0323, 0343, 0349, 0350, 0351, 0277, 0340, 0342
 CS Electronics 0241
 CTC Clatronic 0205
 Curtis Mathes 0007, 0008, 0010, 0019, 0021, 0026, 0049, 0050, 0178
 CXC 0058, 0179
 Cybertron 0340
 Cytron 0152
 Daewoo 0007, 0008, 0026, 0037, 0053, 0167, 0266, 0275, 0277, 0282, 0315, 0320, 0323, 0331, 0335, 0342, 0343, 0350, 0381, 0465
 Dainichi 0277, 0340
 Dansai 0277, 0282, 0320, 0337, 0349, 0350
 Dantax 0161, 0349
 Dawa 0320
 Daytron 0007, 0008, 0026, 0323, 0343
 De Graaf 0346
 Decca 0282, 0320, 0342, 0349, 0350
 Dell 0145, 0245
 Denver 0358, 0362
 Desmet 0320, 0349, 0350
 Diamant 0320
 Diamond 0277
 DiamondVision 0135, 0143
 Dimensia 0049
 Disney 0219
 Dixi 0282, 0320, 0323, 0343, 0349, 0350
 Dream Vision 0461, 0498
 DTS 0323, 0343
 Dual 0282, 0320, 0342
 Dual-Tec 0342, 0343
 Dumont 0008, 0030, 0062, 0282, 0339, 0341, 0342
 Durabrand 0031, 0051, 0179, 0215
 Dux 0349
 Dwin 0178
 Dynatron 0320, 0349, 0350
 Dynex 0228, 0231
 EIZO 0509
 Elbe 0161, 0168, 0282, 0320
 Elcit 0339
 Electa 0348
 ELECTRO TECH 0343

Electroband	0055, 0107	Fujitsu Siemens	0504, 0505, 0507, 0510, 0511	Harwood	0320, 0323	Intervision	0161, 0282, 0320, 0337, 0341,
Electrograph	0176	Funai	0051, 0058, 0059, 0112, 0113, 0115, 0118, 0119, 0179, 0337,	Havermy	0178		0342
Electrohome	0008, 0026, 0052, 0055		0488, 0489	HCM	0282, 0320, 0323, 0337, 0342,	Irradio	0171, 0320, 0323, 0340, 0343,
Element	0230	Futuretech	0058, 0179	Hema	0343, 0348		0349, 0350
Elin	0277, 0320, 0323, 0342, 0349, 0350	Galaxi	0320, 0351	Hewlett Packard	0192	Isukai	0320, 0340
Elite	0320, 0340, 0350	Galaxis	0161, 0320	Higashi	0277	ITC	0282, 0342
Elman	0341	Gateway	0176, 0177, 0241	HiLine	0320	ITS	0277, 0320, 0340, 0348, 0350
Elta	0277, 0323, 0343	GBC	0323, 0343, 0344	Hinari	0320, 0323, 0340, 0343, 0344,	ITT	0343, 0347
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	0349, 0350	ITV	0320, 0343, 0349
Emprex	0154	Geant Casino	0321	Hitachi	0321, 0340, 0348	Janeil	0057
Envision	0008, 0026, 0050	GEC	0282, 0320, 0342, 0347, 0349, 0350		0247	JBL	0010
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Erres	0320, 0349, 0350	General Technic	0323, 0343		0255, 0270, 0271, 0282, 0320,		0053, 0056
ESA	0051	Genexxa	0320, 0340, 0347, 0350		0335, 0338, 0342, 0344, 0346,	JCB	0055, 0107
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Etron	0343	Giant	0282		0467, 0482, 0484, 0487	JVC	0012, 0014, 0015, 0056, 0064,
Eurofeel	0282	Gibralter	0008, 0030, 0050, 0062	Hornyphon	0320, 0350	Kaisui	0065, 0067, 0169, 0174, 0297,
Euro-Feel	0337	GoldHand	0277	Hoshai	0340		0314, 0344, 0350, 0375
Euroline	0349	Goldline	0320	Huanyu	0277, 0342	Kamosonic	0277, 0342
Euroman	0161, 0277, 0282	GoldStar	0007, 0008, 0012, 0026, 0031, 0050, 0053, 0161, 0277, 0282,	Hygashi	0277, 0282, 0342	Kamp	0342
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Expert	0321	Gorenje	0161, 0351	Hyundai	0348, 0349, 0350	Kawasho	0008, 0026, 0055, 0277
Exquisit	0320	GPM	0340	Iberia	0141	KEC	0179
Fenner	0323, 0343	GPX	0129	ICE	0320	Kendo	0161, 0320, 0341, 0346
Ferguson	0322, 0345, 0349	Gradiente	0240		0277, 0282, 0320, 0323, 0337,	Kenwood	0008, 0026, 0050
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Filsai	0282	Granada	0171, 0282, 0320, 0321, 0342, 0344, 0346, 0349, 0350	ICeS	0277	Kingsley	0277, 0342
Finlandia	0346	Grandin	0340, 0343, 0348, 0349	Ilo	0148, 0153	KLH	0039
Finlux	0171, 0282, 0320, 0339, 0341, 0342, 0349, 0350	Gronic	0282	IMA	0058	Kloss Novabeam	0057, 0058
FIRST LINE	0342, 0343, 0350	Grundig	0160, 0161, 0171, 0310, 0320	Imperial	0161, 0171, 0320, 0347, 0350,	Kneissel	0161, 0168, 0320
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Fisher	0019, 0161, 0282, 0339, 0342, 0344, 0351	Hallmark	0008, 0026, 0031	Infinity	0320, 0349, 0350	Konka	0340
Flint	0320, 0350	Hampton	0277, 0282, 0342	InFocus	0010	Korpel	0320, 0349, 0350
Formenti	0171, 0277, 0336, 0339, 0342, 0349	Hanseatik	0161, 0168, 0282, 0320, 0323, 0342, 0343, 0344, 0349, 0350	Ingelen	0250, 0327, 0363, 0479, 0508	Kortting	0161, 0339
Formenti/Phoenix	0277	Hantarex	0320, 0323, 0343	Ingersol	0347	Kosmos	0320
Fortress	0336, 0339	Hantor	0320	Initial	0323, 0343	Koyoda	0343
Fraba	0161, 0320	Harman/Kardon	0010	Inno Hit	0153	KTV	0007, 0050, 0058, 0179, 0183,
Friac	0161	Harvard	0058, 0179		0171, 0282, 0320, 0323, 0340,	Kyoto	0282, 0342
Frontech	0282, 0323, 0337, 0343, 0346, 0347				0342, 0343, 0349, 0350	Lasat	0277, 0282
Fujitsu	0059, 0069, 0074, 0075, 0282			Innovation	0337, 0343	Lenco	0161
Fujitsu General	0282			Insignia	0131, 0228, 0236, 0238	Lenoir	0323, 0343
				Inteq	0030	Leyco	0323, 0342, 0343
				Interactive	0161	LG	0320, 0337, 0349, 0350
				Interbuy	0323, 0343		0031, 0053, 0066, 0116, 0117,
				Interfunk	0161, 0320, 0339, 0347, 0349,		0140, 0161, 0164, 0175, 0195,
					0350		0269, 0277, 0282, 0300, 0309,
				International	0277		

LG/GoldStar	0317, 0320, 0323, 0328, 0342, 0343, 0346, 0349, 0350, 0366, 0368, 0377, 0466, 0471, 0478	Memphis	0323, 0343	Novatronic	0320	Phoenix	0161, 0277, 0320, 0339, 0349, 0350
Liesen	0349	Mercury	0320, 0323	Oceanic	0321, 0347	Phonola	0277, 0320, 0339, 0349, 0350
Liesenkotter	0320	Metz	0339	Okano	0161, 0320, 0351	Pilot	0007, 0008, 0050
Life	0337, 0343	Micromaxx	0337, 0343	ONCEAS	0342	Pioneer	0008, 0026, 0094, 0095, 0161, 0320, 0345, 0347, 0349, 0350, 0458, 0480
Lifetec	0320, 0323, 0337, 0343	Microstar	0337, 0343	Onwa	0058, 0179	Plantron	0320, 0323, 0337, 0350
Lloyds	0323	Midland	0007, 0021, 0023, 0027, 0030, 0056, 0062	Opera	0320	Playsonic	0282
Loewe	0161, 0168, 0265, 0320, 0330, 0352	Minerva	0171	Optimus	0017, 0019	Polaroid	0039, 0142, 0202, 0234
Loewe Opta	0339, 0349, 0350	Minoka	0320, 0350	Optoma	0144	Poppy	0323, 0343
Logik	0054	Mintek	0153	Optonica	0178	Portland	0007, 0008, 0026, 0053
Luma	0320, 0323, 0346, 0349	Mitsubishi	0008, 0026, 0031, 0053, 0066, 0084, 0093, 0098, 0150, 0178, 0289, 0320, 0339, 0344, 0350,	Orbit	0320, 0350	Prandoni-Prince	0171, 0346
Lumatron	0282, 0320, 0346, 0349, 0350	Mivar	0376	Orion	0043, 0146, 0283, 0320, 0323, 0328, 0343, 0349, 0350	Precision	0282, 0342
Lux May	0350	Monivision	0140	Orline	0320	Prima	0157, 0243, 0323, 0343, 0347
Luxman	0008, 0026	Montgomery Ward	0054	Pael	0277, 0342	Princeton	0140
Luxor	0282, 0342, 0346	Motion	0171	Palladium	0161, 0282, 0320, 0342, 0351	Prism	0023, 0056
LXI	0010, 0019, 0021, 0026, 0027, 0031, 0049, 0111	Motorola	0052, 0178	Palsonic	0282	Profex	0323, 0343
M Electronic	0342, 0343, 0345, 0347, 0349, 0350	MTC	0008, 0026, 0050, 0053, 0161, 0277	Panama	0282, 0320, 0336, 0342, 0344, 0348, 0349, 0350	Profi-Tronic	0320, 0350
MAG	0096	Multi System	0349	Panasonic	0016, 0017, 0020, 0022, 0023, 0035, 0052, 0056, 0084, 0085, 0133, 0163, 0193, 0284, 0286, 0290, 0292, 0320, 0325, 0347, 0356, 0483, 0485, 0490	Proline	0320, 0350
Magnadyne	0339, 0341, 0349	Multitech	0058, 0161, 0179, 0183, 0277, 0282, 0320, 0323, 0341, 0342, 0343, 0344, 0346, 0349	Pael	0277, 0342	Proscan	0021, 0027, 0049
Magnafon	0171, 0277, 0341, 0342	Murphy	0277, 0342	Palladium	0161, 0282, 0320, 0342, 0351	Prosonic	0161, 0277, 0282, 0320, 0342, 0349
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