

• MKV

MKV files can be played.

- MKV is a file format allowing multiple audio and video files to be held in a single file.
- The files that can be played are as follows:
Resolution: Up to 1 280 x 720
Extension: ".mkv" or ".MKV"

• Windows Media™ Video (WMV)

Windows Media™ Video (WMV) files can be played.

- The files that can be played are as follows:
Resolution: Up to 1 280 x 720
Extension: ".wmv" or ".WMV"
- Files encoded using the Windows Media™ Encoder 9 series are supported.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from Microsoft Licensing, Inc.

❖ Supported image file formats

• JPEG

• Progressive JPEG

File format: JFIF Ver. 1.02/Exif Ver. 2.2
Resolution: Up to 4 096 x 4 096 pixels

❖ Supported audio file formats

• Windows Media™ Audio 9 (WMA9)

Bit rate: Up to 192 kbps
Sampling frequencies: 22.05 kHz, 32 kHz, 44.1 kHz and 48 kHz

• MPEG-1 Audio Layer 3 (MP3)

Bit rate: Up to 320 kbps
Sampling frequencies: 8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz and 48 kHz

• Free Lossless Audio Codec (FLAC) (Only for BDP-53FD)

Sampling frequencies: 96 kHz to 192 kHz
Quantization bitrate: 16 bit, 24 bit
Channel: 2ch

❖ Playable file extensions

• Video files

.divx, .mkv, .wmv and .avi

• Image files

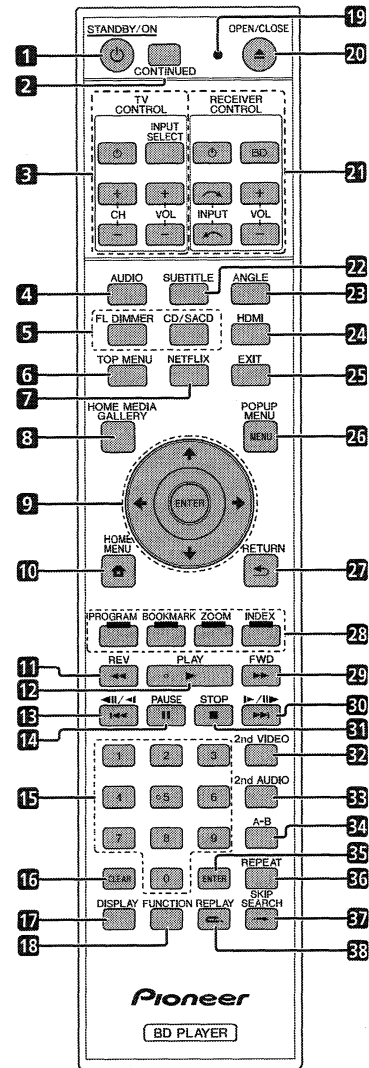
.jpg and .jpeg

• Audio files

.wma and .mp3
.flac (BDP-53FD only)

Part Names and Functions

Remote Control



- 1 **STANDBY/ON** – Press to turn the power on and off.
- 2 **CONTINUED** – Use to continue playback from a specified position. (page 34)
- 3 **TV CONTROL** – (page 25)
- 4 **AUDIO** – (page 30)

- 5 FL DIMMER** – Each time this is pressed, the brightness of the front panel display changes and/or the lighting status of the indicators on the front panel switches as shown in the table below.

Front panel display	Indicators		
	Blu-ray (BDP-53FD only)	PQLS	FL OFF
Bright	Lights	Lights	Off
Middle	Lights	Lights	Off
Dark	Lights	Lights	Off
Off	Off	Off	Lights

CD/SACD – For hybrid discs, press to switch between the CD and SACD layers.

- 6 TOP MENU** – Press to display the top menu of the BD-ROM or DVD-Video.
- 7 NETFLIX** – (page 40)
- 8 HOME MEDIA GALLERY** – (page 35)
- 9 ↑/↓/←/→** – Use to select items, change settings and move the cursor.
- ENTER** – Press to execute the selected item or enter a setting that has been changed, etc.
- 10 🏠 HOME MENU** – (page 41)
- 11 ⏮ REV** – (page 28)
- 12 ▶ PLAY** – (page 27)
- 13 ⏪/⏩/⏮/⏭** – (page 28)
- 14 ⏸ PAUSE** – (page 27)
- 15 Number buttons** – Use these to select and play the title/chapter/track you want to view or listen to and to select items from menus.
- 16 CLEAR** – Press to clear the numeric number, etc.
- 17 DISPLAY** – (page 30)
- 18 FUNCTION** – (page 33)
- 19 Remote control LED** – Lights when a command is sent from the remote control. Flashes while the TV band code is being set.
- 20 ▲ OPEN/CLOSE** – Press to open and close the disc tray.
- 21 RECEIVER CONTROL**
- 22 SUBTITLE** – (page 30)
- 23 ANGLE** – (page 29)
- 24 HDMI**
BDP-53FD – Use to switch **HDMI Mode** alternately (pages 17 and 43).
BDP-52FD – Use to switch the resolution of the video signals output from the **HDMI OUT** terminal (page 43).
- 25 EXIT** – (page 40)
- 26 POP UP MENU/MENU** – Press to display the BD-ROM or DVD-Video menus.
- 27 ↶ RETURN** – Press to return to the previous screen.
- 28 Color buttons** – Use these to navigate BD-ROM menus.
- PROGRAM** – (page 29)
- BOOK MARK** – (page 29)
- ZOOM** – (page 29)
- INDEX** – (page 29)
- 29 ▶▶ FWD** – (page 28)
- 30 |▶/||▶/▶▶|** – (page 28)
- 31 ■ STOP** – (page 27)
- 32 2nd VIDEO** – (page 31)
- 33 2nd AUDIO** – (page 30)
- 34 A-B** – (page 28)
- 35 ENTER** – Press to execute the selected item or enter a setting that has been changed, etc.
- 36 REPEAT** – (page 28)
- 37 SKIP SEARCH** – Press to skip 30 seconds ahead when → **SKIP SEARCH** is pressed during playback.
- 38 REPLAY** – Press to jump back 10 seconds when ⇐ **REPLAY** is pressed during playback.

 **Note**

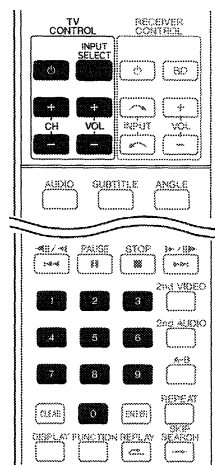
- This remote control unit is equipped with two **ENTER** buttons (9 and 35 listed above).
- To operate an AV receiver equipped with a remote control mode setting using the **RECEIVER CONTROL** buttons, set the AV receiver's remote control mode to "1". For details, see the AV receiver's operating instructions.

Operating the TV with the player's remote control


When the manufacturer code for your brand of TV is set on the player's remote control, the TV can be operated using the player's remote control.

⚠ Caution


- For some models it may not be possible to operate the TV with the player's remote control, even for TVs of brands listed on the manufacturer code list.
- The setting may be restored to the default after the batteries are replaced. If this happens, reset it.



1 Input the 2-digit manufacturer code.

Press the number buttons (0 to 9) to input the code while pressing **TV CONTROL** .

📝 Note

- The factory default setting is 00 (PIONEER).
- If you make a mistake when inputting the code, release **TV CONTROL**  then start over from the beginning.
- When there are multiple codes for a manufacturer, try inputting them in the indicated order until the TV can be operated.

2 Check that the TV can be operated.

Operate the TV using **TV CONTROL**.

 – Press to turn the TV's power on and off.

INPUT SELECT – Press to switch the TV's input.

CH +/- – Press to select the TV channel.

VOL +/- – Press to adjust the volume.

TV Preset code list

Manufacturer Code(s)

PIONEER 00, 31, 32, 07, 36, 42, 51, 22	GPM 41
ACURA 44	GRAETZ 31, 42
ADMIRAL 31	GRANADA 07, 35, 42, 43, 48
AIWA 60	GRADIENTE 30, 57
AKAI 32, 35, 42	GRANDIN 18
AKURA 41	GRUNDIG 31, 53
ALBA 07, 39, 41, 44	HANSEATIC 07, 42
AMSTRAD 42, 44, 47	HCM 18, 44
ANITECH 44	HINARI 07, 41, 44
ASA 45	HISAWA 18
ASUKA 41	HITACHI 31, 33, 34, 36, 42, 43, 54, 06, 10, 24, 25, 18
AUDIOGONIC 07, 36	HUANYU 56
BASIC LINE 41, 44	HYPSON 07, 18, 46
BAUR 31, 07, 42	ICE 46, 47
BEKO 38	IMPERIAL 38, 42
BEON 07	INDIANA 07
BLAUPUNKT 31	INGELEN 31
BLUE SKY 41	INTERFUNK 31, 32, 07, 42
BLUE STAR 18	INTERVISION 46, 49
BPL 18	ISUKAI 41
BRANDT 36	ITC 42
BTC 41	ITT 31, 32, 42
BUSH 07, 41, 42, 44, 47, 56	JEC 05
CASCADE 44	JVC 13, 23
CATHAY 07	KAISUI 18, 41, 44
CENTURION 07	KAPSCH 31
CGB 42	KENDO 42
CIMLINE 44	KENNEDY 32, 42
CLARIVOX 07	KORPEL 07
CLATRONIC 38	KOYODA 44
CONDOR 38	LEYCO 07, 40, 46, 48
CONTEC 44	LIESENK&TTER 07
CROSLY 32	LOEWE 07
CROWN 38, 44	LUXOR 32, 42, 43
CRYSTAL 42	M-ELECTRONIC 31, 44, 45, 54, 56, 07, 36, 51
CYBERTRON 41	MAGNADYNE 32, 49
DAEWOO 07, 44, 56	MAGNAFON 49
DAINICHI 41	MAGNAVOX 07, 10, 03, 12, 29
DANSAI 07	MANESTH 39, 46
DAYTON 44	MARANTZ 07
DECCA 07, 48	MARK 07
DIXI 07, 44	MATSUI 07, 39, 40, 42, 44, 47, 48
DUMONT 53	MCMICHAEL 34
ELIN 07	MEDIATOR 07
ELITE 41	MEMOREX 44
ELTA 44	METZ 31
EMERSON 42	MINERVA 31, 53
ERRES 07	MITSUBISHI 09, 10, 02, 21, 31
FERGUSON 07, 36, 51	MULTITECH 44, 49
FINLANDIA 35, 43, 54	NEC 59
FINLUX 32, 07, 45, 48, 53, 54	NECKERMANN 31, 07
FIRSTLINE 40, 44	NEI 07, 42
FISHER 32, 35, 38, 45	NIKKAI 05, 07, 41, 46, 48
FORMENTI 32, 07, 42	NOBLIKO 49
FRONTECH 31, 42, 46	NOKIA 32, 42, 52
FRONTECH/PROTECH 32	NORDMENDE 32, 36, 51, 52
FUJITSU 48	OCEANIC 31, 32, 42
FUNAI 40, 46, 58	ORION 32, 07, 39, 40
GBC 32, 42	OSAKI 41, 46, 48
GE 00, 01, 08, 07, 10, 11, 17, 02, 28, 18	OSO 41
GEC 07, 34, 48	OSUME 48
GELOSO 32, 44	OTTO VERSAND 31, 32, 07, 42
GENERAL 29	PALLADIUM 38
GENEXXA 31, 41	PANAMA 46
GOLDSTAR 10, 23, 21, 02, 07, 50	PANASONIC 31, 07, 08, 42, 22
GOODMANS 07, 39, 47, 48, 56	PATHO CINEMA 42
GORENJE 38	PAUSA 44

PHILCO 32, 42
PHILIPS 31, 07, 34, 56, 68
PHOENIX 32
PHONOLA 07
PROFEX 42, 44
PROTECH 07, 42, 44, 46, 49
QUELLE 31, 32, 07, 42, 45, 53
R-LINE 07
RADIOLA 07
RADIOSHACK 10, 23, 21, 02
RBM 53
RCA 01, 10, 15, 16, 17, 18, 61, 62, 09
REDIFFUSION 32, 42
REX 31, 46
ROADSTAR 41, 44, 46
SABA 31, 36, 42, 51
SAISHO 39, 44, 46
SALORA 31, 32, 42, 43
SAMBERS 49
SAMSUNG 07, 38, 44, 46, 69, 70
SANYO 35, 45, 48, 21, 14, 91
SBR 07, 34
SCHAUB LORENZ 42
SCHNEIDER 07, 41, 47
SEG 42, 46
SEI 32, 40, 49
SELECO 31, 42
SHARP 02, 19, 27, 67, 90
SIAREM 32, 49
SIEMENS 31
SINUDYNE 32, 39, 40, 49
SKANTIC 43
SOLAVOX 31
SONOKO 07, 44
SONOLOR 31, 35
SONTEC 07
SONY 04
SOUNDWAVE 07
STANDARD 41, 44
STERN 31
SUSUMU 41
SYSLINE 07
TANDY 31, 41, 48
TASHIKO 34
TATUNG 07, 48
TEC 42
TELEAVIA 36
TELEFUNKEN 36, 37, 52
TELETECH 44
TENSAI 40, 41
THOMSON 36, 51, 52, 63
THORN 31, 07, 42, 45, 48
TOMASHI 18
TOSHIBA 05, 02, 26, 21, 53
TOWADA 42
ULTRAVOX 32, 42, 49
UNIDEN 92
UNIVERSUM 31, 07, 38, 42, 45, 46, 54
VESTEL 07
VICTOR 13
VOXSON 31
WALTHAM 43
WATSON 07
WATT RADIO 32, 42, 49
WHITE WESTINGHOUSE 07
YOKO 07, 42, 46
ZENITH 03, 20

Language Code Table and Country/Area Code Table

❖ Language Code Table

Language name, language code, input code

Abkhazian, ab/abk , 0102	French, fr/fra , 0618	Malagasy, mg/mlg , 1307	Slovenian, sl/slv , 1912
Afar, aa/aar , 0101	Galician, gl/glg , 0712	Malay, ms/msa , 1319	Somali, so/som , 1915
Afrikaans, af/afr , 0106	Georgian, ka/kat , 1101	Malayalam, ml/mal , 1312	Sotho, Southern, st/sot , 1920
Albanian, sq/sqi , 1917	German, de/deu , 0405	Maltese, mt/mlt , 1320	Spanish, es/spa , 0519
Amharic, am/amh , 0113	Greek, el/ell , 0512	Maori, mi/mri , 1309	Sundanese, su/sun , 1921
Arabic, ar/ara , 0118	Guarani, gn/grn , 0714	Marathi, mr/mar , 1318	Swahili, sw/swa , 1923
Armenian, hy/hye , 0825	Gujarati, gu/guj , 0721	Mongolian, mn/mon , 1314	Swati, ss/ssw , 1919
Assamese, as/asm , 0119	Hausa, ha/hau , 0801	Moldavian, mo/mol , 1315	Swedish, sv/swe , 1922
Aymara, ay/aym , 0125	Hebrew, iw/heb , 0923	Nauru, na/nau , 1401	Tagalog, tl/tgl , 2012
Azerbaijani, az/aze , 0126	Hindi, hi/hin , 0809	Nepali, ne/nep , 1405	Tajik, tg/tgk , 2007
Bashkir, ba/bak , 0201	Hungarian, hu/hun , 0821	Norwegian, no/nor , 1415	Tamil, ta/tam , 2001
Basque, eu/eus , 0521	Icelandic, is/isl , 0919	Occitan, oc/oci , 1503	Tatar, tt/tat , 2020
Belarusian, be/bel , 0205	Indonesian, in/ind , 0914	Oriya, or/ori , 1518	Telugu, te/tel , 2005
Bengali, bn/ben , 0214	Interlingua, ia/ina , 0901	Oromo, om/orm , 1513	Thai, th/tha , 2008
Bihari, bh/bih , 0208	Interlingue, ie/ile , 0905	Panjabi, pa/pan , 1601	Tibetan, bo/bod , 0215
Bislama, bi/bis , 0209	Inupiaq, ik/ikp , 0911	Persian, fa/fas , 0601	Tigrinya, ti/tir , 2009
Breton, br/bre , 0218	Irish, ga/gle , 0701	Polish, pl/pol , 1612	Tonga (Tonga Islands), to/ton , 2015
Bulgarian, bg/bul , 0207	Italian, it/ita , 0920	Portuguese, pt/por , 1620	Tsonga, ts/tso , 2019
Burmese, my/mya , 1325	Japanese, ja/jpn , 1001	Pusho, ps/pus , 1619	Tswana, tn/tsn , 2014
Catalan, ca/cat , 0301	Javanese, iw/jav , 1023	Quechua, qu/que , 1721	Turkmen, tk/tuk , 2011
Central Khmer, km/khm , 1113	Kalaallisut, kl/kal , 1112	Romanian, ro/ron , 1815	Turkish, tr/tur , 2018
Chinese, zh/zhc , 2608	Kannada, kn/kan , 1114	Romansch, rm/roh , 1813	Twi, tw/twi , 2023
Corsican, co/cos , 0315	Kashmiri, ks/kas , 1119	Rundi, rn/run , 1814	Ukrainian, uk/ukr , 2111
Croatian, hr/hrv , 0818	Kazakh, kk/kaz , 1111	Russian, ru/rus , 1821	Urdu, ur/urd , 2118
Czech, cs/ces , 0319	Kinyarwanda, rw/kin , 1823	Samoan, sm/smo , 1913	Uzbek, uz/uzb , 2126
Danish, da/dan , 0401	Kirghiz, ky/kir , 1125	Sango, sg/sag , 1907	Vietnamese, vi/vie , 2209
Dutch, nl/nld , 1412	Korean, ko/kor , 1115	Sanskrit, sa/san , 1901	Volapük, vo/vol , 2215
Dzongkha, dz/dzo , 0426	Kurdish, ku/kur , 1121	Scottish Gaelic, gd/gla , 0704	Welsh, cy/cym , 0325
English, en/eng , 0514	Lao, lo/lao , 1215	Serbian, sr/srp , 1918	Western Frisian, fy/fry , 0625
Esperanto, eo/epo , 0515	Latin, la/lat , 1201	Serbo-Croatian, sh/— , 1908	Wolof, wo/wol , 2315
Estonian, et/est , 0520	Latvian, lv/lav , 1222	Shona, sn/sna , 1914	Xhosa, xh/xho , 2408
Finnish, fi/fin , 0609	Lingala, ln/lin , 1214	Sindhi, sd/snd , 1904	Yiddish, ji/yid , 1009
Fijian, fj/fji , 0610	Lithuanian, lt/lit , 1220	Sinhalese, si/sin , 1909	Yoruba, yo/yor , 2515
Faroese, fo/fao , 0615	Macedonian, mk/mkd , 1311	Slovak, sk/slk , 1911	Zulu, zu/zul , 2621

❖ Country/Area Code Table

Country/Area name, Country/Area code, input code

Anguilla, ai , 0109	Estonia, ee , 0505	Luxembourg, lu , 1221	Slovakia, sk , 1911
Antigua and Barbuda, ag , 0107	Finland, fi , 0609	Macedonia, the Former Yugoslav Republic of, mk , 1311	Slovenia, si , 1909
Argentina, ar , 0118	France, fr , 0618	Malaysia, my , 1325	Spain, es , 0519
Armenia, am , 0113	Georgia, ge , 0705	Malta, mt , 1320	Suriname, sr , 1918
Australia, au , 0121	Germany, de , 0405	Mexico, mx , 1324	Sweden, se , 1905
Austria, at , 0120	Greece, gr , 0718	Moldova, Republic of, md , 1304	Switzerland, ch , 0308
Azerbaijan, az , 0126	Greenland, gl , 0712	Monaco, mc , 1303	Taiwan, Province of China, tw , 2023
Bahamas, bs , 0219	Grenada, gd , 0704	Montserrat, ms , 1319	Tajikistan, tj , 2010
Barbados, bb , 0202	Guyana, gy , 0725	Netherlands, nl , 1412	Thailand, th , 2008
Belarus, by , 0225	Haiti, ht , 0820	New Zealand, nz , 1426	Trinidad and Tobago, tt , 2020
Belgium, be , 0205	Hong Kong, hk , 0811	Norway, no , 1415	Tunisia, tn , 2014
Belize, bz , 0226	Hungary, hu , 0821	Pakistan, pk , 1611	Turkey, tr , 2018
Bermuda, bm , 0213	Iceland, is , 0919	Peru, pe , 1605	Turkmenistan, tm , 2013
Brazil, br , 0218	India, in , 0914	Philippines, ph , 1608	Turks and Caicos Islands, tc , 2003
Bulgaria, bg , 0207	Indonesia, id , 0904	Poland, pl , 1612	Ukraine, ua , 2101
Canada, ca , 0301	Ireland, ie , 0905	Portugal, pt , 1620	United Kingdom, gb , 0702
Cayman Islands, ky , 1125	Israel, il , 0912	Puerto Rico, pr , 1618	United States, us , 2119
Chile, cl , 0312	Italy, it , 0920	Romania, ro , 1815	Uruguay, uy , 2125
China, cn , 0314	Jamaica, jm , 1013	Russian Federation, ru , 1821	Uzbekistan, uz , 2126
Colombia, co , 0315	Japan, jp , 1016	Saint Kitts and Nevis, kn , 1114	Venezuela, ve , 2205
Croatia, hr , 0818	Kazakhstan, kz , 1126	Saint Lucia, lc , 1203	Virgin Islands, British, vg , 2207
Cyprus, cy , 0325	Korea, Republic of, kr , 1118	Saint Vincent and the Grenadines, vc , 2203	
Czech Republic, cz , 0326	Kyrgyzstan, kg , 1107	San Marino, sm , 1913	
Denmark, dk , 0411	Latvia, lv , 1222	Singapore, sg , 1907	
Dominica, dm , 0413	Liechtenstein, li , 1209		
Dominican Republic, do , 0415	Lithuania, lt , 1220		