

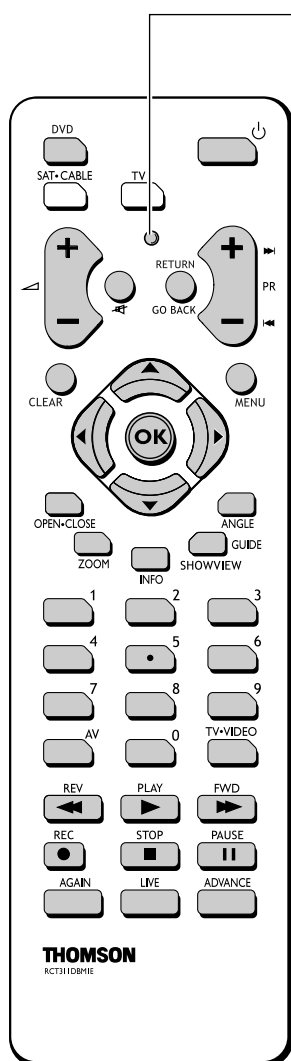
# Remote control

The remote control handset supplied with your DVD recorder is a 3 in 1 type remote control. It allows 3 devices to be controlled: your DVD recorder, a television set and a satellite or cable receiver. Thus you have remote control of all these devices by using the 3 modes: DVD, TV or SAT.CABLE that are accessed by 3 corresponding keys. This page describes the keys that control your DVD recorder (in DVD mode).



*Note: the functions described below depend on the discs and/or the files read.*

For description of the TV and SAT.CABLE functions, see the following page.

## Description of keys in DVD mode

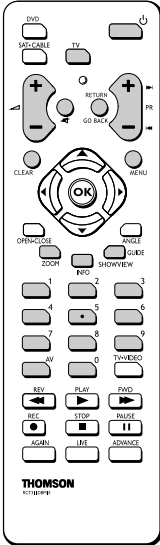


Signal lamp - this shows the status of the remote control when it is being used to program or to control another device. It also indicates that the batteries level is low by flashing several times when a key is pressed.

-  Switches the DVD recorder on or off.
- DVD Sets the remote control unit in DVD mode (by pressing once), enabling you to control your DVD recorder.
- PR  Skips forward or backward a chapter (DVD) or track (CD).
- RETURN Returns to the previous menu.
- MENU Displays the DVD disc menu while a disc is being played.
- CLEAR Removes the menu or banner showing on the TV screen.
- OPEN-CLOSE Opens and closes the disc holder of the DVD recorder.
- ZOOM Enlarges the picture during playback, slow motion or pause mode.
- INFO Displays the DVD recorder information banner on the TV screen while a disc is being played.
- SHOWVIEW Display programming screen with guide number.
- ANGLE To access a choice of angles of an image if available on the disc. (JPEG) To rotate an image through 90°.
- 0 to 9 Keys used to enter information such as a chapter or track number; or to make choices from menus.
- TV-VIDEO Passes DVD images to the television set connected to AVI.
- REV Fast backward while a disc is being played.
- PLAY Plays a disc.
- FWD Fast forward while a disc is being played.
- REC To record the TV program watched onto the recordable disc (DVD+R / DVD+RW).
- STOP Stops disc playing or recording and displays the DVD player menu.
- PAUSE Pause during playback (CD) or pause on an image (DVD).
- AGAIN Skips backward – each press replays the last seconds during DVD playback.
- ADVANCE To skip forward approximately 30 seconds (DVD) or to play another track (audio CD).

## Using the remote control handset to control your television and satellite or cable receiver

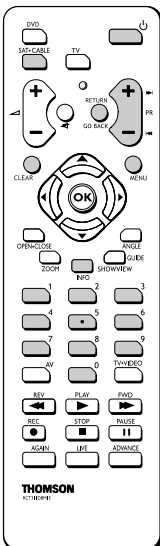
The DVD recorder remote control handset is a 3 in 1 device that allows you to control the operation of 3 devices: your DVD recorder, a television set, or satellite receiver. This page describes the keys that control your television set and your satellite or cable receiver if they have the same functions.



### Controlling a TV set

- TV Sets the remote control unit in TV mode (by pressing once) and enables you then to control your TV set.
- Switches the TV set on or off.
- Volume control.
- Switches sound off or on again.
- PR Switches channel or selects an AV socket.
- AV Selects an AV socket.
- 0 to 9 Keys enter digital values or change channel.
- MENU Displays main TV set menu.
- RETURN Returns to the previous menu.
- CLEAR Removes menu or other information displayed on the screen.

*Note: colour keys enable one to use the teletext function on THOMSON TV sets.*



### Controlling a satellite or cable receiver

- SAT-CABLE Places the remote control in the SAT-CABLE mode (press once) and then enables you to control your satellite or cable receiver.
- To turn on or off the satellite or cable receiver.
- PR Switches channel.
- 0 to 9 Keys enter digital values or change channel.
- MENU To display the main menu of the satellite or cable receiver.
- RETURN Returns to the previous menu.
- CLEAR Removes menu or other information displayed on the screen.

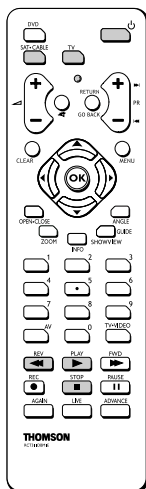
*Note: the colour keys allow access to the same functions as colour keys on the remote control.*

### Remote control - Code A-B

With certain devices (combined TV/DVD or other DVD player) it may happen that your DVD recorder controls the DVD player of the other device. In this case you can adjust your remote control and the DVD recorder on another code known as code B (adjustment shown on page 58).

## Programming the remote control

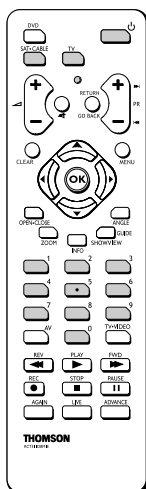
If your remote control does not control your satellite receiver (or cable) or your television set you will need to configure it using one of the two methods proposed: automatic code search or manual programming.



### Automatic code search

This method can be used to automatically find the most appropriate code for your appliance.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant button for this appliance on the remote control, and while holding this button down, press the **⏻** standby button until the remote control light comes on. Release the two buttons.
3. Point the remote control at the appliance and press **PLAY**. Wait until the light stops flashing. If the appliance has not gone into standby mode after five seconds, press the **PLAY** button again to continue the search for the next set of codes. Repeat this operation until the appliance goes into standby mode. There are 20 sets of codes.
4. When the appliance goes into standby mode, press the **⏻** button on the front to switch it on again. Then press the **REV** button to put it back in standby mode, and if necessary, keep pressing until the appliance goes into standby.
5. Press the **STOP** button and hold it down until the remote control light goes off.



### Manual programming

This method involves carrying out a manual search for the codes to be used for controlling your other appliances.

1. Switch on the appliance you wish to use the remote control with.
2. Press the corresponding key on the remote control, while holding it pressed down, enter one of the codes corresponding to the make of the device (Thomson Group codes on the bottom left of this page, other brands can be found in the "Related documents" leaflet).

*If the remote control light flashes you have entered the wrong code or it is not possible to program the remote control.*

3. Point the remote control at the appliance and press the relevant button. Press the **⏻** standby button. If the appliance does not go into standby mode, try another code.

*Depending on the year of manufacture and the type of appliance, some functions may not be available.*

Certain codes may cover more functions than others. Test the functions you can control and, if appropriate, try other codes.

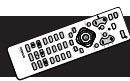
Note here the code(s) which work best.

**SAT Codes:** 5000, 5001, 5031, 5037, 5043, 5064, 5065, 5066, 5058, 5084.

**TV Codes:** 1000, 1001, 1002, 1016, 1024, 1033, 1041, 1051, 1089, 1096, 1127, 1128, 1129, 1130, 1134, 1135, 1148, 1151.

TV			
SAT-CABLE			

*Note: when you **change** the remote control's **batteries**, remember to **reprogram** it.*



## TV

Admiral.....	1016, 1092, 1120, 1128
Aiko.....	1088, 1089, 1116, 1149, 1150
Akai.....	1029, 1088, 1089, 1097, 1103, 1108, 1116, 1120, 1136, 1144, 1150, 1157
Akura.....	1030, 1039, 1088, 1089, 1097, 1100, 1141
Alba.....	1003, 1030, 1032, 1058, 1088, 1089, 1097, 1111, 1149
Amplivision.....	1062, 1131, 1150, 1152
Amstrad.....	1003, 1023, 1054, 1058, 1064, 1088, 1089, 1097, 1120, 1141, 1144
Anglo.....	1088
Anitech.....	1003, 1012, 1015, 1088, 1089, 1120
Ansonic.....	1088, 1089
Apollo.....	1155
Arcam.....	1131, 1149, 1150
Aristona.....	1089, 1157
ASA.....	1016, 1018, 1047
Asberg.....	1015, 1089
Astra.....	1120
Atlantic.....	1028, 1089, 1149, 1152
Atori.....	1088
Audiosonic.....	1089, 1097, 1101, 1116, 1120, 1150
AudioTon.....	1120, 1150
Autovox.....	1015, 1016, 1028, 1033, 1047, 1145, 1150, 1153
Awa.....	1120
Baird.....	1113, 1148, 1150
Bang & Olufsen.....	1016
Barco.....	1147
Baur.....	1004, 1075, 1077, 1081, 1083, 1089, 1096, 1135, 1145, 1153
Beko.....	1057, 1073, 1089
Beon.....	1089
Best.....	1101
Binatone.....	1131, 1150
Blaupunkt.....	1025, 1027, 1037, 1048, 1081, 1083, 1096, 1117
Boots.....	1131, 1150
BPL.....	1040, 1089, 1100
Brandt.....	1051, 1129, 1130
Brionvega.....	1016, 1089
Bruns.....	1016
BSR.....	1046
BTC.....	1030, 1097
Bush.....	1003, 1030, 1032, 1040, 1046, 1055, 1058, 1060, 1079, 1088, 1089, 1097, 1100, 1111, 1135, 1140, 1147, 1150, 1153
Cascade.....	1003, 1088, 1089
Cathay.....	1089
Centurion.....	1089
Century.....	1016
CGE.....	1015, 1120, 1147
Cimline.....	1003, 1032, 1088, 1097
Clatronic.....	1015, 1057, 1088, 1089, 1097, 1116, 1150, 1152
Condor.....	1057, 1088, 1089, 1100, 1120, 1149, 1152
Contec.....	1003, 1088, 1120, 1149
Continental Edison.....	1051, 1124, 1129, 1130
Cosmel.....	1088, 1101, 1120
Crosley.....	1015, 1016, 1134
Crown.....	1003, 1015, 1057, 1059, 1065, 1088, 1089, 1116, 1120
CS Electronics.....	1097, 1116, 1149
Daewoo.....	1003, 1060, 1088, 1089, 1097, 1116, 1120, 1149, 1150, 1156
Dainichi.....	1030, 1097, 1149
Dansai.....	1089, 1149
Daytron.....	1003, 1088
Decca.....	1014, 1035, 1036, 1089, 1126, 1144, 1150
Desmet.....	1089, 1152
Diamond.....	1120
Dixi.....	1003, 1088, 1089
Dual.....	1079, 1089, 1120, 1145, 1150, 1153
Dumont.....	1013, 1016, 1018, 1047, 1134, 1150
Dynatron.....	1089
Elbe.....	1038, 1089, 1097, 1107, 1151
Elektra.....	1100
Elin.....	1018, 1088, 1089, 1120, 1146, 1149, 1153
Elite.....	1030, 1089, 1097
Elta.....	1003, 1088, 1120
Emerson.....	1016, 1089
Erres.....	1005, 1089
Europhon.....	1089, 1133, 1144, 1150
Expert.....	1028
Fenner.....	1088, 1120
Ferguson.....	1024, 1041, 1151
Fidelity.....	1089, 1140, 1145, 1149
Finlandia.....	1029, 1139, 1140
Finlux.....	1013, 1014, 1016, 1018, 1019, 1047, 1089, 1095, 1134, 1144, 1150
Firstline.....	1003, 1032, 1046, 1049, 1080, 1088, 1089, 1111, 1131, 1149, 1150, 1151, 1153
Fisher.....	1018, 1029, 1057, 1084, 1131, 1145, 1150, 1153
Formenti.....	1016, 1134, 1147, 1149, 1152
Frontech.....	1039, 1088, 1120, 1128, 1140, 1142, 1153
Fujitsu.....	1014, 1028, 1116, 1150
Funai.....	1039, 1046, 1095, 1120
Galaxi.....	1089
Galaxis.....	1089
GBC.....	1088, 1097, 1116, 1120, 1147
GEC.....	1008, 1014, 1089, 1131, 1144, 1148, 1150, 1153
Geloso.....	1003, 1088, 1116, 1120, 1134
Genexxa.....	1030, 1089, 1097, 1128
GoldHand.....	1120
Goldline.....	1089
GoldStar.....	1044, 1088, 1089, 1120, 1131, 1140, 1149, 1150
Goodmans.....	1014, 1032, 1058, 1060, 1088, 1089, 1095, 1103, 1120, 1131, 1150, 1156, 1157
Gorenje.....	1057
GPM.....	1030, 1097, 1116, 1120
Graetz.....	1128, 1134, 1148
Granada.....	1010, 1014, 1029, 1053, 1089, 1093, 1131, 1136, 1139, 1140, 1144, 1150, 1154, 1155
Grandin.....	1040, 1100, 1114
Grundig.....	1013, 1025, 1027, 1033, 1081, 1083, 1089, 1096, 1114, 1115, 1116, 1117, 1124, 1143, 1157
Hanseatic.....	1067, 1085, 1088, 1089, 1100, 1115, 1145, 1150, 1152, 1153
Hantarex.....	1088, 1089, 1120, 1144
Harwood.....	1088, 1089
HCM.....	1003, 1040, 1064, 1088, 1089, 1097, 1100, 1120, 1150
Hemmermann.....	1153
Hinari.....	1003, 1030, 1032, 1063, 1088, 1089, 1095, 1097, 1120
Hisawa.....	1040, 1062, 1070, 1097, 1100, 1102
Hitachi.....	1008, 1009, 1019, 1031, 1069, 1086, 1089, 1090, 1094, 1098, 1104, 1119, 1122, 1128, 1129, 1130, 1131, 1134, 1135, 1137, 1140, 1146, 1148, 1150, 1153, 1154, 1155, 1156
Hornophone.....	1089
Hoshai.....	1097, 1102, 1116
Huanyu.....	1060, 1149
Hyper.....	1088, 1116, 1120, 1149, 1150
ICE.....	1039, 1058, 1088, 1089, 1097, 1116, 1131, 1149, 1150
Imperial.....	1015, 1057, 1065, 1089, 1147, 1153
Indesit.....	1033
Ingersol.....	1088
Inno Hit.....	1014, 1078, 1088, 1089, 1097, 1116, 1120, 1144, 1150
Interbuy.....	1012, 1088



Interfunk.....	1077, 1089, 1128, 1148
Intervision.....	1012, 1039, 1089, 1097, 1100, 1102, 1131, 1150
IRradio.....	1088, 1089, 1097, 1116, 1120
ITC.....	1147, 1150
ITS.....	1058, 1089, 1097, 1100, 1149
ITT.....	1095, 1103, 1128, 1134, 1136, 1145, 1146, 1148, 1153, 1155
ITV.....	1089
JVC.....	1011, 1024, 1026, 1058, 1091, 1097, 1106, 1110, 1112
Kaisui.....	1003, 1030, 1040, 1088, 1089, 1097, 1100, 1102, 1116, 1120, 1131, 1149, 1150
Kamp.....	1149
Kapsch.....	1018, 1028, 1128, 1148
Karcher.....	1089, 1100, 1107, 1120
Kathrein.....	1085
Kendo.....	1032, 1089, 1107, 1120
Kennedy.....	1147
Kneissel.....	1038, 1068, 1089, 1151
Kolster.....	1089
Konka.....	1097
Korting.....	1016, 1042, 1152
Kosmos.....	1089
Lenco.....	1018, 1088
Lenoir.....	1088, 1120
LG.....	1088, 1089, 1149, 1150
Liesenkotter.....	1089
Lloyds.....	1088
Loewe.....	1016, 1043, 1077, 1089, 1127
Luma.....	1028, 1088, 1089, 1140
Lumatron.....	1089, 1150
Luxor.....	1033, 1103, 1105, 1113, 1135, 1137, 1138, 1140, 1153, 1154
M Electronic.....	1003, 1012, 1018, 1019, 1041, 1060, 1072, 1088, 1089, 1103, 1105, 1128, 1131, 1149, 1150
Magnadyne.....	1016, 1120, 1133, 1134, 1144, 1145
Magnafon.....	1015, 1144, 1149
Marantz.....	1085, 1089
Matsui.....	1003, 1007, 1014, 1023, 1029, 1032, 1046, 1054, 1055, 1058, 1088, 1089, 1096, 1102, 1120, 1131, 1140, 1143, 1144, 1145, 1150, 1153, 1157
Medion.....	1089, 1111
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Metz.....	1016, 1056, 1081, 1096, 1115
MGA.....	1116
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Mitsubishi.....	1006, 1016, 1020, 1033, 1054, 1077, 1081, 1089, 1093, 1120, 1121
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Nesco.....	1095
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Neufunk.....	1088, 1089, 1157
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Otto Versand.....	1004, 1025, 1032, 1075, 1077, 1081, 1083, 1085, 1089, 1092, 1096, 1115, 1120, 1131, 1134, 1135, 1147, 1150, 1152, 1153, 1157
Pael.....	1149
Palladium.....	1057, 1065, 1089, 1140, 1150, 1153, 1157
Panasonic.....	1033, 1037, 1056, 1087, 1089, 1099, 1109, 1115, 1118, 1128, 1134, 1148
Panavision.....	1089
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RFT.....	1016, 1067
Roadstar.....	1003, 1030, 1039, 1065, 1088, 1097, 1116, 1120
Saba.....	1016, 1041, 1127, 1128, 1129, 1130, 1134, 1148
Sagem.....	1102, 1107
Saisho.....	1003, 1006, 1023, 1032, 1039, 1054, 1088, 1116, 1142, 1144, 1145, 1150
Salora.....	1071, 1113, 1128, 1135, 1137, 1139, 1140, 1146, 1153, 1154
Sambers.....	1015, 1078, 1144
Samsung.....	1003, 1039, 1044, 1057, 1078, 1085, 1088, 1089, 1120, 1125, 1131, 1149, 1150, 1157, 1158
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SBR.....	1005, 1008, 1089, 1157
Schaub Lorenz.....	1134, 1148, 1153
Schneider.....	1030, 1058, 1061, 1089, 1097, 1111, 1116, 1120, 1145, 1150, 1153, 1157
SEG.....	1015, 1039, 1088, 1089, 1093, 1111, 1131, 1147, 1149, 1150
SEI.....	1004, 1016, 1023, 1046, 1089, 1134, 1144, 1145, 1153
Seleco.....	1028, 1038, 1128
Sentra.....	1007, 1088, 1097
Sharp.....	1017, 1091, 1092
Shorai.....	1046, 1095
Siarem.....	1016, 1089, 1096, 1134, 1144
Siemens.....	1021, 1025, 1027, 1081, 1083, 1115, 1134
Sierra.....	1089, 1157
Singer.....	1016, 1120
Sinudyne.....	1004, 1016, 1023, 1032, 1089, 1116, 1134, 1144, 1145, 1153
Skantic.....	1137, 1138, 1154

# Codes

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Solavox ..... 1128, 1136  
Sonitron ..... 1029, 1150  
Sonoko ..... 1003, 1088, 1089, 1100, 1116, 1120, 1150  
Sonolor ..... 1029, 1128  
Sontec ..... 1089  
Sony ..... 1004, 1075, 1112, 1123  
Star Lite ..... 1088, 1089  
Starlite ..... 1120  
Stern ..... 1028, 1038, 1128  
Sunkai ..... 1032, 1046, 1049, 1055, 1097, 1102  
Sunstar ..... 1088, 1089  
SuperTech ..... 1088, 1089, 1120, 1149, 1157  
Supra ..... 1088, 1120  
Susumu ..... 1030  
Tandberg ..... 1047, 1101  
Tandy ..... 1014, 1030, 1092, 1097, 1128, 1131, 1132, 1150  
Tashiko ..... 1008, 1131, 1139, 1140, 1149, 1150  
Tatung ..... 1014, 1035, 1036, 1089, 1131, 1144, 1150  
Teac ..... 1089, 1102  
Tec ..... 1088, 1101, 1120, 1131, 1147, 1150  
Technics ..... 1037, 1087  
Televia ..... 1051  
Telecor ..... 1089, 1097, 1150  
Telefunken ..... 1089  
Telegazi ..... 1089, 1097  
Telemeister ..... 1089, 1152  
Telesonic ..... 1089  
Telestar ..... 1089  
Teletech ..... 1003, 1088, 1089, 1101  
Teleton ..... 1028, 1131, 1135, 1140, 1150, 1153  
Televideon ..... 1149, 1152  
Tensai ..... 1018, 1030, 1046, 1088, 1089, 1097, 1116, 1120, 1150, 1152  
Texet ..... 1030, 1088, 1150  
Thomson ..... 1000, 1001, 1002, 1033, 1041, 1051, 1089, 1129, 1130, 1135  
Thorn ..... 1007, 1014, 1018, 1024, 1026, 1075, 1077, 1081, 1082, 1089, 1113, 1115, 1151, 1156  
Toshiba ..... 1007, 1013, 1034, 1076, 1082  
Towada ..... 1147, 1153  
Trident ..... 1150  
Tristar ..... 1097  
Triumph ..... 1023, 1034, 1089, 1144, 1157  
Uher ..... 1028, 1089, 1152  
Ultra ..... 1026  
Ultravox ..... 1089, 1136, 1149  
Universum ..... 1018, 1019, 1039, 1057, 1066, 1074, 1081, 1089, 1096, 1101, 1103, 1105, 1108, 1115, 1120, 1147, 1150, 1153, 1155  
Univox ..... 1089, 1101, 1151  
Vestel ..... 1089, 1150  
VideoSystem ..... 1089  
Videoton ..... 1154  
Visiola ..... 1149  
Vision ..... 1089, 1152  
Vortec ..... 1089  
Voxson ..... 1016, 1089, 1128  
Waltham ..... 1089, 1131, 1137, 1150, 1154  
Watson ..... 1089, 1097, 1152  
Watt Radio ..... 1145, 1147, 1149, 1153  
Vega ..... 1016, 1089  
Weltblick ..... 1089, 1152  
White Westinghouse ..... 1089, 1101, 1149, 1152  
Windstar ..... 1100  
Yoko ..... 1039, 1088, 1089, 1097, 1120, 1131, 1142, 1150  
Yorx ..... 1097, 1116, 1120  
Zanussi ..... 1028, 1140, 1150

## SAT

AB Sat ..... 5073  
Akai ..... 5082  
Alba ..... 5057, 5084  
Allsat ..... 5031, 5037, 5082  
Alltech ..... 5060  
Alpha ..... 5082  
Altai ..... 5046  
Ampere ..... 5046  
Amstrad ..... 5040, 5046, 5061, 5063, 5067, 5083  
Ankaro ..... 5038, 5041, 5085  
Antron ..... 5037, 5057  
Arcon ..... 5065  
Armstrong ..... 5082  
ASA ..... 5047  
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