

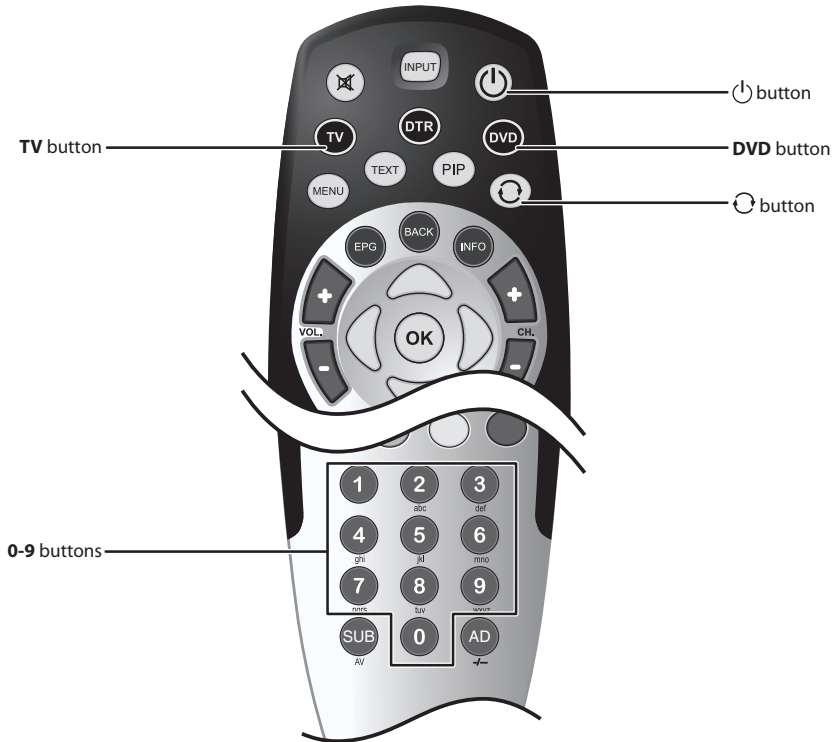



RM-110


Programming guide

Programming the Remote Control

The Digital TV recorder's remote control can be programmed to operate certain TVs and DVD players. Follow the procedure below to programme the remote control.



1. Find the 4 digit code for your TV or DVD player from the brand codes listed on the last page.
 If your brand is not included in the list or the codes for your brand do not operate your equipment, refer to the following page for an automatic method of programming the remote control.
2. **If you want to programme the remote control to operate a TV:**
Press the [TV] button.
If you want to programme the remote control to operate a DVD player:
Press the [DVD] button.
3. Press and hold the [C] button for approximately 3 seconds. The [TV]/[DVD] button flashes twice.
4. Use the [0]-[9] buttons to enter the 4 digit code for your brand. The [TV]/[DVD] button flashes when every digit of the code is entered.
5. If a valid code has been entered, the [TV]/[DVD] button will flash twice, quickly.
6. Check that the remote control operates your equipment by pressing the [1] button. If not, repeat the above procedure and try another code for your brand.

 The codes you enter may be lost if weak batteries are not replaced immediately. Even if your TV/DVD brand is listed in the code table, in some instances it may not be possible to operate all of the available functions.

Automatically Programming the Remote Control

If your TV or DVD brand is not included in the code list, or the brand codes in the list do not operate your equipment, it may still be possible to programme the remote control to operate your equipment.

1. **If you want to programme the remote control to operate a TV:**

Press the [TV] button.

If you want to programme the remote control to operate a DVD player:

Press the [DVD] button.

2. Press and hold the [⊙] button for approximately 3 seconds. The [TV]/[DVD] button flashes twice.
3. Use the [0]-[9] buttons to enter the code '991'. The [TV]/[DVD] button flashes when every digit of the code is entered. If the code has been entered correctly, the [TV]/[DVD] button will flash once, quickly.
4. Press the [⏻] button and note whether the remote control switches off your TV/DVD player.

If the remote control switches off your TV/DVD player:

The remote control has found your code. Press the [⊙] button to save.

If the remote control does not switch off your TV/DVD player:

Press the [CH+] button repeatedly until the remote control switches off your TV/DVD. The remote control has found your code. Press the [⊙] button to save.

Finding the Remote Control's Current Codes

If you have used the procedure above to programme the remote control to operate your TV or DVD, it may be useful to know the correct code for your equipment.



Knowing the codes that operate your equipment will allow you to re-programme the remote control quickly using the procedure on the previous page, should the need arise.

There is a label inside the remote control's battery compartment where you can record your brand codes.

1. **If you want to find out the TV code:**

Press the [TV] button.

If you want to find out the DVD code:

Press the [DVD] button.

2. Press and hold the [⊙] button for approximately 3 seconds. The [TV]/[DVD] button flashes twice.
3. Use the [0]-[9] buttons to enter the code '990'. The [TV]/[DVD] button flashes when every digit of the code is entered. If the code has been entered correctly, the [TV]/[DVD] button will flash once, quickly.
4. Press the [1] button and count the number of times the [TV]/[DVD] button flashes. The number of flashes is the first number of the code.
5. Press the [2] button and count the number of times the [TV]/[DVD] button flashes. The number of flashes is the second number of the code.
6. Press the [3] button and count the number of times the [TV]/[DVD] button flashes. The number of flashes is the third number of the code.
7. Press the [4] button and count the number of times the [TV]/[DVD] button flashes. The number of flashes is the fourth number of the code.

Remote Control Brand Codes

TV Brand List					
Brand	Code(s)	Brand	Code(s)	Brand	Code(s)
Aiwa:	1938	Hitachi:	0255, 1255, 0379, 0608, 0066, 0386, 0138, 0503, 0193, 0373, 0226, 0247, 0224, 0546, 0102, 0511, 0529, 0067, 0586, 0139, 0393, 0578, 0664, 0774, 0208, 1167, 0135, 0522, 1511, 0391, 0542, 0510, 0827, 1067, 1606, 1179	Samsung:	0648, 0617, 0067, 0208, 0586, 1279, 0123, 0674, 1265, 0039, 0247, 0512, 0400, 0090, 0294, 0246, 0102, 0238, 0712, 0193, 0655
Akai:	0391, 0238, 0401, 0067, 0463, 0221, 0065, 0039, 0102, 0248, 0744, 0193, 0546, 0745, 0632, 0586, 0578, 0510, 0247, 0661, 0246, 0294, 0208, 0407, 0636, 1067, 1938, 0503, 1289	JVC:	0638, 0066, 0713, 0401, 0248, 0636, 0448, 0761, 0123	Sanyo:	0238, 1238, 0187, 0322, 0066, 0041, 0400, 0369, 0102, 0246, 0247, 0134, 0075, 0585, 0039, 0193, 0403, 0067, 0138, 0586, 0516, 0765, 0200, 0734
Alba:	0067, 1067, 0586, 0744, 0039, 0448, 0400, 0265, 0401, 0698, 0385, 0248, 0246, 0277, 0193, 0517, 0066, 1938, 0473, 0581	LG:	0067, 0208, 0400, 0039, 0407, 0247, 0586, 0744, 0246, 0193, 0636, 0139, 0745, 1667, 1176, 1221	Sharp:	0123, 1223, 0187, 0066, 0324, 0521, 0683, 0546, 0230, 0790, 1423, 1193
Baird:	0139, 0373, 0102, 0103, 0247, 0238	Loewe:	0542, 0663, 0820, 0067, 0586, 0685, 0400, 0117, 0322, 0581, 0392, 0546	Sony:	1535, 1681, 1040, 0041, 1781, 0383, 0066, 0132, 0067, 0586, 0187
Bang & Olufsen:	0595, 0117, 0305	Logik:	0041, 0090, 0039, 0294, 0401, 0910, 1247	Teac:	0542, 0067, 1067, 0586, 0742, 0698, 0485, 0247, 0294, 1939, 0208, 0039, 0442, 0379, 0312, 0448, 0200, 0744, 1179, 1785
Beko:	0744, 0065, 0516, 0400, 0067, 0448, 1067, 0586, 0636, 0745, 0838	Matsui:	0067, 0586, 0517, 0039, 0265, 0207, 0041, 0385, 0102, 0066, 0247, 0324, 0401, 0463, 0473, 0393, 0485, 0193, 0379, 0546, 0065, 0238, 0075, 0225, 0221, 0365, 0744, 1938, 1067	Tevion:	1289, 1328, 0067, 0586, 0698, 1167, 0744, 1067, 1278, 1319
Daewoo:	0664, 0404, 1939, 0529, 0691, 0067, 0586, 0039, 0246, 0248, 0247, 1167, 1938, 0910	Orion:	0067, 0209, 0473, 0385, 0586, 0685, 0744, 0265, 0324, 0207, 0350, 0041, 0039, 0351, 0132, 0294, 0442, 0546, 0561, 1938, 0910, 1226	Thomson:	0655, 0590, 0373, 0317, 0139, 0365, 0226, 0067, 0586, 0379
Ferguson:	0103, 0655, 0317, 0365, 0268, 0139, 05900, 0067, 0586, 0065, 0373, 0134, 0138, 0391, 0578, 0473, 1067	Panasonic:	0680, 1680, 0138, 0256, 0391, 0397, 0546, 0067, 0586, 0193, 0578, 1340, 0883	Thorn:	0138, 0139, 0103, 0255, 0373, 0391, 0268, 1535, 1040, 0104, 0114, 0529, 0565, 0067, 0102, 0586, 0041, 0134, 0365, 0542, 0066, 0075, 0404, 0065, 0100, 0131, 0386
Fidelity:	0193, 0542, 0393, 0067, 0586, 0401, 0442, 0561, 0246, 0294, 1938, 0391	Philips:	0586, 0067, 0268, 0221, 0117, 0373, 0404, 0802, 0039, 0230	Toshiba:	0538, 0090, 1538, 0065, 1319, 0066, 0100, 0132, 0744, 0271, 0247, 0139, 0225, 0221, 0648, 1938, 0039, 0067, 1194, 1193
Goodmans:	0064, 1289, 1067, 0067, 0529, 0586, 0744, 0698, 1939, 0404, 0066, 0294, 0102, 0546, 0039, 0209, 0517, 0401, 0373, 0265, 0065, 0510, 0590, 0247, 0365, 0248, 1938, 0660, 0691, 1930, 0910, 1338, 0617, 1406	Pioneer:	0790, 0041, 0196, 0067, 0200, 0586, 1290, 0400, 0373, 0391, 0139, 0193, 0317, 0516, 0542		
Grundig:	0225, 0538, 0565, 0221, 0100, 0517, 0067, 0473, 0586, 0617, 0039, 0066, 0400, 0770, 1938, 0660, 1253, 1338, 0208, 1406	Pye:	0067, 0586, 0017, 0404, 0379, 0442		