1. Introduction
The remote control is designed to operate the Motorola® DS900 Series Digital Receiver. You can also control the majority of TV, VCR/DVD and Audio equipment on the market as shown below.

STB: Digital Receiver
TV : Televisions
VCR : VCRs and DVD
UX: Audio Receivers, DMX & DCR, Tivo, etc.

2. Replacing Batteries
Before you program or operate the remote control, you must install two new AAA alkaline batteries.

STEP 1: Replace the battery compartment cover on the back of your remote control.

STEP 2: Check battery polarity carefully, and install the batteries as shown in the illustration below.

STEP 3: Replace the battery compartment cover.

3. Button Functions

3.1 Device Default:
Device Default: Motorola® DS900 Series
Channel Default: STB channel and number keys through the STB, with the option of controlling channel and number keys through the TV or VCR.

Volume Default: STB volume and mute through the TV, with the option of controlling volume and mute through the STB or Audio.

System On/Off button: This button is designed to send power commands for STB, three or four devices with one button press. Please refer to section 6 for details.

4. Operations

4.1 Default State:
Device Default: Motorola® DS900 Series
Channel Default: STB channel and number keys through the STB, with the option of controlling channel and number keys through the TV or VCR.

Volume Default: STB volume and mute through the TV, with the option of controlling volume and mute through the STB or Audio.

System On/Off button: This button is designed to send power commands for STB, three or four devices with one button press. Please refer to section 6 for details.

5. Programming the Remote Control

5.1 Three-Digit Code Programming Method

The remote control can be programmed by pressing a three-digit code number that corresponds to the make and model of the Audio/Video equipment.

The three-digit code numbers are listed in the code table. Refer to section 6 for more information.

5.2 Programming a second TV to AUX Mode.

A. Three-Digit Code Programming Method

The remote control is designed to program your remote control, you must install two new AAA alkaline batteries. Before you program or operate the Motorola Digital Receiver.

The remote control is designed to control the brands of Audio/Video equipment on the market as shown.

 replacement of the remote control, you must install two new AAA alkaline batteries.

5.3 A Tip

Turn on the equipment you wish to program.

Press the [DEVICE] button (TV, VCR or AUX) to be programmed and the [ENTER] button simultaneously for 3 seconds. The device LED will turn on for 20 seconds. The next step must be entered while the LED is on.

Press the [TV] button to pick up the TV code.

Press the [VCR] button to pick up the VCR code.

Press the [AUX] button to pick up the Aux code.

5.4 E. Programming The System On/Off Button.

This is designed to program the System On/Off button. It is designed to operate in another device mode. The default volume control settings on the remote control are as follows:

Note: If there is more than one three-digit number assigned for your brand, try a one-digit number at a time until the correct three-digit code number is entered. You can verify that the correct code by pressing the [POWER] button or by pressing the [TV] button so that it can send out up to four power commands.

The device LED will blink twice to confirm that the code has been stored.

6. Programming Channel Control.

7. Auto Scan Method

If the three-digit code number assigned to your brand do not turn off your equipment or the code table does not list your brand, you can use the Auto Scan Method.

Example: One blink, three blinks and eight blinks with an interval of 1 second of LED being turned off. In another device mode. The default volume control settings on the remote control are as follows:

The device LED will blink twice to confirm the saving.

8. Programming Channel Control.

By following the steps below, you can program the channel control (Channel Up/Down and Lock) from one device to operate in another device mode. The default volume control settings on the remote control are as follows:

Note: Ten blinks is equal to the number 0.

The remote control is designed to program the System On/Off button. It is designed to operate in another device mode. The default volume control settings on the remote control are as follows:

The device LED will blink twice to confirm the saving.

### Setup Code Tables

#### TV

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Number</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### STB

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Number</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### VCR

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Number</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### AUX

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Number</th>
<th>List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**STEP 1**
Press the [VOL+] button.

**STEP 2**
Press the [VOL+] button. The device LED will blink twice to confirm the programming.

---

**For TV/VCR combination units:**
Please use following steps to operate the Volume control.

**STEP 1**
Press the [STB] button and the [VCR] button simultaneously for 3 seconds. The STB device LED will turn on for 20 seconds.

**STEP 2**
Press the [VCR] button. The LED will blink twice to confirm the programming.

---

**Low Battery Warning**
When the battery is low and needs to be replaced with fresh batteries, the remote control LED will blink 2 times in sequence whenever a (POWER) button is pressed to turn on equipment.

---

**Memory Lock System**
This remote control is designed to retain programmed memory for 10 years even after batteries are removed from the remote control.

---

**Write your device setup codes.**

- TV: [Setup Code Number]
- VCR: [Setup Code Number]
- AUX: [Setup Code Number]