

SLV-SE310/SE410/SE510

RMT-V257B/V257C

SERVICE MANUAL



Photo: SLV-SE310

AEP Model
SLV-SE310D/SE510B/D/SE510D

UK Model
SLV-SE310I

East European Model
Russian Model
SLV-SE410K/SE510K

- Refer to the **SERVICE MANUAL** of **VHS MECHANICAL ADJUSTMENTS VI** for **MECHANICAL ADJUSTMENTS**. (9-921-647-11)

S MECHANISM

The abbreviations of SE310/SE410/SE510 contained in this service manual are indicated when these models are common to all their corresponding models as given below.

Abbreviated models name	SE310	SE410	SE510
All model names SLV	SE310D SE310I	SE410K	SE510B SE510D SE510K

SPECIFICATIONS

System

Channel coverage

SLV-SE310I

PAL (I)

VHF 1A to U, SA10 to SA13

UHF B21 to B69

CATV S01 to S05, S1 to S20

HYPER S21 to S41

SLV-SE410K/SE510K

PAL (B/G, D/K)

VHF E2-E12, R1-R12

UHF E21-E69, R21-R69

CATV S1-S41, S01-S05

SLV-SE310D/SE510D

PAL (B/G)

VHF E2 to E12

VHF Italian channel A to H

UHF E21 to E69

CATV S01 to S05, S1 to S2

HYPER S21 to S41

SLV-SE510B

SECAM (L) : VHF F2 to F10

UHF F21 to F69

CATV B to Q

HYPER S21 to S41

PAL (B/G) : VHF E2 to E12

VHF Italian channel A to H

UHF E21 to E69

CATV S01 to S05, S1 to S20

HYPER S21 to S41

RF output signal

UHF channels 21-69

Aerial out

75-ohm asymmetrical aerial socket

Tape speed

SP: PAL/MESECAM

23.39 mm/s (recording/playback)

SECAM 23.39 mm/s

(recording/playback)

NTSC

33.35 mm/s (playback only)

LP: PAL/MESECAM

11.70 mm/s (recording/playback)

SECAM 11.70 mm/s

(recording/playback)

NTSC

16.67 mm/s (playback only)

EP: NTSC

11.12 mm/s (playback only)

- Continued on next page -

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web jan 29 2020 the ionic form of this reaction is $2\text{Na}^+ + \text{Cl}^- + \text{Cu}^{2+} + \text{SO}_4^{2-} \rightarrow 2\text{Na}^+ + \text{SO}_4^{2-} + \text{CuCl}_2$ the sodium ions and sulfate ion are the spectator ions in this reaction they appear unchanged in both the product and reactant side of the equation

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web the six NO_3^- ions and the six Na^+ ions that appear on both sides of the equation are spectator ions that can be canceled to give the net ionic equation $3\text{Ba}^{2+} + 2\text{PO}_4^{3-} \rightarrow \text{Ba}_3(\text{PO}_4)_2$

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web the equation below is the final net ionic equation after elimination of the spectator ions which yields water H_2O the spectator ions in KOH and HNO_3 are K^+ and NO_3^- how to identify and list the

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web the Ag^+ and Cl^- ions become $\text{AgCl}(\text{s})$ but the Na^+ ions and the NO_3^- ions stay as Na^+ ions and NO_3^- ions these two ions are examples of spectator ions ions that do nothing in the overall course of a chemical reaction

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web the new format requires students to write balanced chemical equations showing only the reacting substances excluding spectator ions for three different sets of reactants and to answer a short question requiring no calculator about each reaction the questions are intended to test the students understanding of the meaning of the reactions

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web jun 2 2023 the spectator ions are cut out from a reaction hence the net ionic equation for the above reaction would be $2\text{Cl}^- + \text{Cu}^{2+} + 2\text{aq} \rightarrow \text{CuCl}_2 + 2\text{Cl}^- + \text{Cu}^{2+} + 2\text{aq}$ these spectator ions are not actively involved in the reaction the existence of spectator ions affects the debye length