



Korad KA Series Laboratory Power Supply and Programmer Instructions

KA Series Remote Control Syntax V4.0

Command format: VSET<X>:<NR2>

1. VSET: Command header
2. X: output channel
3. separator
4. NR2: parameter

Command Details:

1. **ISET<X>:<NR2>**

Description: Sets the output current.

Example: **ISET1:2.225**

Sets the CH1 output current to 2.225A

2. **ISET<X>?**

Description: Returns the output current setting.

Example: **ISET1?**

Returns the CH1 output current setting

3. **VSET<X>:<NR2>**

Description: Sets the output voltage.

Example: **VSET1:20.50**

Sets the CH1 voltage to 20.50V

4. **VSET<X>?**

Description: Returns the output voltage setting.

Example: **VSET1?**

Returns the CH1 voltage setting.

5. **IOUT<X>?**

Description: Returns the actual output current.

Example: **IOUT1?**

Returns the CH1 output current

6. **VOUT<X>?**

Description: Returns the actual output voltage.

Example: **VOUT1?**

Returns the CH1 output voltage

7. **BEEP<Boolean>**

Description: Turns on or off the beep. Boolean: boolean logic.

Example: **BEEP1** Turns on the beep.

8. **OUT<Boolean>**

Description: Turns on off the output.

Boolean: **0 OFF,1 ON**

Example: **OUT1** Turns on the output

9. **STATUS?**

Description: reading the status of the power supply returning

Contents: 8 bits follow the below formats

Bit	Content	Description
0	CH1	0=CC mode, 1=CV mode
1	CH2	0=CC mode, 1=CV mode
2, 3	Tracking	01=independent, 11=serial connection, 10=parallel connection
4	Beep	0=OFF, 1=ON
5	OCP	0=OCP OFF, 1=OCP ON
6	Output	0=OFF, 1=ON
7	OVP	0=OVP OFF, 1=OVP ON

10. ***IDN?**

Description: Returns the KA3005P identification.

Example ***IDN?**

Contents KORAD KA3005P V4.0 (Manufacturer, model name,).

11. **RCL<NR1>**

Description: Recalls a panel setting.

NR1 1-5: Memory number 1 to 5

Example **RCL1** Recalls the panel setting stored in memory number1

12. **SAV<NR1>**

Description: Stores the panel setting.

NR1 1-5: Memory number 1to 5

Example **SAV1** Stores the panel setting stored in memory number1

13. **OCP<Boolean>**

Description: Stores the panel setting.

Boolean: 0 OFF,1 ON

Example: **OCP1** Turns on the OCP

14. **OVP<Boolean>**

Description: Turns on the OVP.

Boolean: 0 OFF, 1 ON

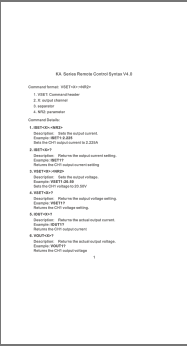
Example: **OVP1** Turns on the OVP

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[1.1 References](#)

Documents / Resources

	Korad KA Series Laboratory Power Supply and Programmer [pdf] Instructions KA Series Laboratory Power Supply and Programmer, KA Series, Laboratory Power Supply and Programmer, Power Supply and Programmer, Supply and Programmer, and Programmer
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References

- [User Manual](#)

 KORAD

 and Programmer, KA Series Laboratory Power Supply and Programmer, KA-Series, KORAD, Laboratory Power Supply and Programmer, Power Supply and Programmer, Supply and Programmer

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