

KA Series Remote Control Syntax V2.0

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 or off the output.

Boolean: 0 OFF,1 ON

Example: **OUT1** Turns on the output

9. **STATUS?**

Description: Returns the POWER SUPPLY status.

Contents 8 bits in the following format

Bit Item Description

0 CH1 0=CC mode, 1=CV mode

1 CH2 0=CC mode, 1=CV mode

2, 3 Tracking 00=Independent, 01=Tracking series,11=Tracking parallel

4 Beep 0=Off, 1=On

5 Lock 0=Lock, 1=Unlock

6 Output 0=Off, 1=On

7 N/A N/A

10. ***IDN?**

Description: Returns the KA3005P identification.

Example ***IDN?**

Contents KORAD KA3005P V1.3 (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 number 1

12. **SAV**<NR1>

Description: Stores the panel setting.

NR1 1 – 5: Memory number 1 to 5

Example : **SAV1** Stores the panel setting in memory number 1

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