KA Series Remote Control Syntax V3.0

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: Returns the POWER SUPPLY status.
Contents 8 bits in the following format
Bit Item Description
0 When output is ON,0=CC mode,1=CVmode
4 Beep 0=Off,1=On
5 OCP 0=Off,1=On
6 Output 0=Off,1=On
7 OVP 0=Off,1=On

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 number1

12. SAV<NR1>

Description: Stores the panel setting.
NR1 1-5: Memory number 1 to 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