

# RND 320-KA Series single Channle 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 V2.0.

## 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