

# REMOTE KEYPAD (RKD500-T/RKD500)

## **USER'S MANUAL**

### **Chapter 1 : INTRODUCTION**

#### 1-1. SUPPLIED EQUIPMENT

- **1 REMOTE KEYPAD (RKD500-T or RKD500).**
- 1 Power supply.
- 1 Remote cable (DB9 M/F) 3 m / 10 ft.
- 1 "update" cable (DB9 F/F) 0.9 m / 3 ft.
- 2 white labels: to rename the input selection buttons.
- 1 User's manual.



#### 1-2. GENERAL INFORMATION

The Remote Keypad is a control device for the Octo Vue Series: Octo Vue FX, Octo Vue Fade & Octo Vue. It's also compatible with switchers of the Octo<sup>2</sup> & Quattro Series. Provided with a LCD screen, a T-Bar\* and a lot of direct touch control, the Remote Keypad offers a complete control of the device at which it is connected. The Remote Keypad is compact, easy to use and easy to connect via its RS232 communication port or via its optional LAN communication port. The Remote Keypad can be update, and thus it can follow the progress of the controlled devices.

\* RKD500-T only.

#### 1-3. REFERENCES & OPTIONS

REFERENCES	DESIGNATIONS
RKD500-T	Remote Keypad with T-Bar
RKD500	Remote Keypad.
OPT-LAN	Optional LAN communication port.

#### 1-4. FRONT PANEL DESCRIPTION

**Fn :** Secondary function selection button.  
 ▶ Button blinking = function active.  
**NOTE:** The Fn function will be inactivated after another push on this button or after doing an adjustment or automatically after 5 seconds delay.

**INPUT SELECTION :** Pre-selection of the 8 input sources: 1 to 8.  
 ▶ Button turns ON = source displayed on the MAIN output.  
 ▶ Button blinking slowly = source displayed on the PREVIEW output.

**TAKE :** Allows to display the pre-selected source onto the MAIN output with the selected effect.  
**T-BAR :** Allows fading manually between sources.

**EFFECTS :** Selection of the 6 USER effect presets.  
**NOTE:** USER presets #4, 5 & 6 can be selected only when Fn is active.  
 ▶ Button USER 1 / USER 4 turns ON = USER 1 selected.  
 ▶ Button USER 1 / USER 4 blinking slowly = USER 4 selected.  
 ▶ Button USER 1 / USER 4 turns OFF = USER 1 (or USER 4) effect not available.  
**IMPORTANT:** The CUT, FADE, PIP and TITLE effects are available in SEAMLESS mode and only between the reference computer input and the other input.

**PREVIEW / MAIN <sup>1</sup> :** Outputs selection for the adjustment.  
 ▶ Button turns ON = PREVIEW output selected.  
 ▶ Button blinking slowly = MAIN output selected.

<sup>1</sup> This function can be selected only when **Fn** is activated.

#### 1-4. FRONT PANEL DESCRIPTION (continued)

- FREEZE :** Freezes the MAIN or PREVIEW output (depending on the PREVIEW / MAIN button).  
**BLACK<sup>1</sup> :** Display a black screen on the MAIN or PREVIEW output (depending on the PREVIEW / MAIN button).  
▶ Button turns ON = FREEZE activated.  
▶ Button blinking quickly = BACK activated.  
**NOTE:** -The FREEZE will be inactivated after another push on the FREEZE button.  
-THE BLACK will be inactivated after another push on the BLACK button or after another pre-selection (PREVIEW).
- FRAME :** Frames selection.  
▶ Button turns ON = FRAME displayed on the MAIN output.  
▶ Button blinking slowly = FRAME displayed on the PREVIEW output.
- PIP ADJUST.**  
**WINDOW :** PIP window adjustment (Button turns ON).  
**SOURCE<sup>1</sup> :** PIP source adjustment (Button blinking quickly).  
**POS :** Position adjustment of the PIP window or PIP source (Button turns ON).  
**SIZE<sup>1</sup> :** Size adjustment of the PIP window or PIP source (Button blinking quickly).
- H :** Horizontal adjustment of the PIP or logo : Adjust with the knob ◀ ▶ (Button turns ON).  
**V<sup>1</sup> :** Vertical adjustment of the PIP or logo : (Adjust with the knob ◀ ▶) (Button blinking quickly).
- LOGO ADJUST.**  
**#1 :** Logo #1 selection for adjusting the position on the MAIN or PREVIEW output (depending on the PREVIEW / MAIN button).  
**#2 :** Logo #2 selection for adjusting the position on the MAIN or PREVIEW output (depending on the PREVIEW / MAIN button).  
**ON/OFF<sup>1</sup> :** Displays ON or displays OFF the logos # 1 & 2 on the MAIN or PREVIEW output (depending on the PREVIEW / MAIN button).
- VOLUME :** Volume adjustment of the MAIN output (Adjust with the knob ◀ ▶).  
▶ Button turns ON = Volume adjustment in progress.
- MUTE<sup>1</sup> :** Audio mute of the MAIN output (Adjust with the knob).  
Button blinking slowly = Mute activated.  
Button turns OFF = Mute inactivated.
- CONTROL**  
◀ ▶ Allows to scroll thru the different menus (in Control mode).  
**EXIT - MENU:** Switches between Status and Control mode.  
**ENTER:** Validates a selected item.

<sup>1</sup> This function can be selected only when **Fn** is activated.

#### 1-5. REAR PANEL DESCRIPTION

- DC-IN:** DC power connector.  
**RS-232:** RS-232 communication port.  
**LAN:** Optional LAN communication port.

## Chapter 2 : CONNECTING

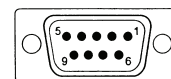
### 2-1. CONNECTING THE RKD500 WITH THE RS-232 PORT

- ① Turn OFF the controlled device (rear panel switch of the Octo / Quattro).
- ② Connect the RS-232 connector (DB9 female) of the controlled device to the DB9 male connector of the REMOTE KEYPAD with the supplied DB9 M/F cable.
- ③ Turn ON the controlled device (rear panel switch).

**NOTE:** The REMOTE KEYPAD is powered by the controlled device via its DB9 (RS-232) connector.  
- **Speed transmission:** 9600 bauds, 8 data bits, 1 stop bit, no parity bit, no flow control.

- **Pin-out:**

PIN #	FUNCTIONS
2	TRANSMIT DATA (Tx)
3	RECEIVE DATA (Rx)
5	GROUND (Gnd)



DB9 female (Rear panel of the controlled device)

### 2-2. CONNECTING THE RKD500 TO A NETWORK (LAN)

- ① Connect the power supply to a power outlet and to the DC-IN connector (rear panel).
- ② Connect the REMOTE KEYPAD to your network according to your installation.

## **Chapter 3 : UPDATING THE REMOTE KEYPAD**

The REMOTE KEYPAD can be updated thanks a COMPUTER (PC) via its RS-232 communication port only.

### **3-1. CONNECTIONS**

- ① Connect the "RS-232" connector of the REMOTE KEYPAD to the SERIAL port of your COMPUTER with the update cable (DB9 M/M crossed cable).
- ② Connect the power supply of the REMOTE KEYPAD to a power outlet.

### **3-2. UPDATE INSTRUCTIONS**

- ① Open the file "RKD500 Updater" (in **Start > Program > ANALOGWAY > RKD500**).
- ② In the **Port** menu select the COM port connected to the device.
- ③ Click on "START" on the SOFTWARE.
- ④ Press the ENTER button of the RKD500, and connect simultaneously the DC plug of the power supply to the REMOTE KEYPAD DC-IN connector. The LCD screen displays Downloading, and the upgrade will start. Then you can release the ENTER button.
- ⑤ When the software displays "Program operation completed", disconnect the update cable and the DC plug. Then connect again the DC plug to the RKD500.
- ⑥ Click on the "Quit" button to close the update SOFTWARE.

**NOTE:** The updater files are available on our web site: <http://www.analogway.com>

## **Chapter 4 : TECHNICAL SPECIFICATIONS**

<i>Power Supply:</i>	+ 9 Vdc.
<i>Storage Temperature:</i>	- 40 °C to + 70 °C (- 40 °F to + 158 °F).
<i>Maximum ambient operating temperature:</i>	< 50 °C (< 122 °F).
<i>Hygrometry:</i>	10% to 80% (without condensation).
<i>Dimensions:</i>	RKD500-T: W 220 x D 130 x H 102 mm. W 8.9" x D 5.1" x H 4". Rackmount compatible (3U height, ½U width).
	RKD500: W 220 x D 130 x H 67 mm. W 8.9" x D 5.1" x H 2.6". Rackmount compatible (3U height, ½U width).
<i>Weight:</i>	1 kg / 2.2 lbs.

## **Chapter 5 : WARRANTY**

Analog Way warrants the product against any defects in material and workmanship for a period of three years from the date of purchase (back to the factory).

In the event of any malfunction during the warranty period, Analog Way will, at its discretion, repair or replace the defective unit, including free material and labor.

This warranty does not apply if the product has been :

- improperly installed or abused,
- handled with improper care,
- used or stocked in abnormal conditions,
- modified, opened,
- damaged by fire, war, or Natural disasters (Acts of God).

In no way shall Analog Way be responsible for direct or indirect loss of profit or consequential damages resulting from any defect in this product.

In case of any problem, get the serial number of the unit, a description of the problem, and then call your authorized dealer.