

# REMOTE KEYPAD (RK802-F)

## User's Manual

### Chapter 1 : INTRODUCTION

#### 1-1. SUPPLIED EQUIPMENT

- 1 **REMOTE KEYPAD (RK802-F)**.
- 1 DB9 (M/F) cable (Length = 3 meters).
- 2 white labels (to rename the input selection buttons).
- 1 User's Manual.

#### 1-2. GENERAL INFORMATION

The REMOTE KEYPAD (RK802-F) is a control device for the OCTO-PLUS™, OCTO-LOGO™, OCTO-FADE™ or OCTO-FX™ that enables to drive their main functions from as far as 100 meters (333 feet). The REMOTE KEYPAD is very easy to use and to install, since it only requires one cable to connect it to the OCTO. The Remote Keypad does not need any power supply as it is powered by the OCTO.



#### 1-3. STARTING

- ① Turn OFF your OCTO (front panel switch).
- ② Connect the RS-232 connector (DB9 female) of your OCTO to the DB9 male connector of the REMOTE KEYPAD with the supplied DB9 cable.
- ③ Turn ON your OCTO (front panel switch).
- ④ Select the wanted source with the **INPUT SELECTION** buttons.
- ⑤ Make the audio adjustment with the **AUDIO** buttons.

### Chapter 2 : TECHNICAL DESCRIPTION

#### 2-1. FRONT PANEL

- EFFECT:** Allows to select a type of effect between CUT, FADE & TITLE (LED OFF = CUT, blinking LED = FADE, LED ON = TITLE).
- AUDIO**
- MUTE:** Allows to switch OFF the audio output (short push).
- BREAKAWAY:** Allows to permanently diffuse an audio source. Select a source with the **INPUT SELECTION** button, then press and hold (1 second) the **BREAKAWAY** button (LED = double-blinking).
- VOLUME (+ /-):** Audio level adjustment.
- LOGO:** Allows to displayed ON or OFF the assigned logo of the displayed input.
- FREEZE:** Allows to freeze the displayed output.
- INPUT SELECTION:**
- Selection of the input sources (short push).
  - A long push (1 second) on the selected input button allows to active the **BLACK** function: black output screen.
  - The lit ON LED indicates the displayed input. The blinking LED indicates the last displayed input (when **black** is active). The double-blinking LED indicates the diffused audio source (when **breakaway** is active).

#### 2-2. REAR PANEL

- DB9 male connector:** RS-232 & power connection.
- Jack 3.5 F connector:** Input connector for optional infra red receiver.

### **Chapter 3 : TECHNICAL SPECIFICATIONS**

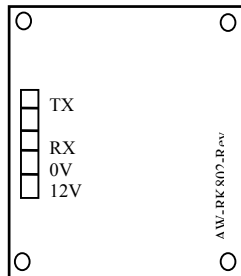
<i>Power Supply:</i>	+ 12Vdc (by the OCTO's DB9 connector).
<i>Storage Temperature:</i>	- 25 °C to + 85 °C (- 13 °F to + 185 °F).
<i>Maximum ambient operating temperature:</i>	< 40 °C (< 104 °F).
<i>Hygrometry:</i>	10% to 80% (without condensation).
<i>Dimensions:</i>	D 115 x W 117 x H 55 mm / D 4.5" x W 4.6" x H 2.16".
<i>Weight:</i>	0.5 kg / 1.1 lbs.

### **Chapter 4 : WALL MOUNTING**

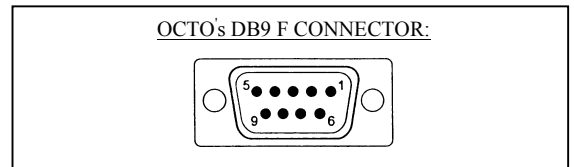
To install the REMOTE KEYPAD in a standard 2-gang electrical box, proceed as follow :

- ① Remove the front panel of the REMOTE KEYPAD (4 screws).
- ② Disconnect the 5-pin MC connector (screw terminal) from the REMOTE KEYPAD'S PCB and disconnect the 4 wires from the 5-pin MC connector.
- ③ Connect the new cable on the 5-pin MC connector as shown below:
  - Connect TX on PIN 3 of the OCTO's DB9 connector.
  - Connect RX on PIN 2 of the OCTO's DB9 connector.
  - Connect 0V on PIN 5 of the OCTO's DB9 connector (only 1 wire is necessary).
  - Connect 12V on PIN 8 of the OCTO's DB9 connector.

**PCB OF THE RK802-F:**



**OCTO's DB9 F CONNECTOR:**



- ④ Connect the 5-pin MC connector to the PCB of the REMOTE KEYPAD and install the front panel into the standard 2-gang electrical box.
- ⑤ Secure the front panel with the 4 screws.

### **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.