REMOTE KEYPAD FOR OCTO-PLUS™ / OCTO-LOGO™ (RK802)

User's Manual

Chapter 1 : INTRODUCTION

1-1. SUPPLIED EQUIPMENT

- 1 **REMOTE KEYPAD (RK802).**
- 1 DB-9 (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) is a control device for the OCTO-PLUS™ / OCTO-LOGO™ that enables to drive its main functions from as far as 100m / 333ft. The REMOTE KEYPAD is very easy to use and to install, since it only requires one cable to connect it to the OCTO-PLUS™ / OCTO-LOGO™. The RK802 does not need any power supply as it is powered by the OCTO-PLUS™ / OCTO-LOGO™.

1-3. STARTING

① Turn OFF your OCTO-PLUS™ / OCTO-LOGO™ (front panel switch).

② Connect the RS-232 connector (DB9 female) of your OCTO-PLUS™ / OCTO-LOGO™ to the DB9 male connector of the REMOTE KEYPAD with the supplied RS-232 cable.

③ Turn ON your OCTO-PLUS™ / OCTO-LOGO™ (front panel switch).

④ Select the wanted source with the **INPUT SELECTION** button.

⑤ Make the audio adjustment with the **AUDIO CONTROL** button.

Chapter 2 : TECHNICAL DESCRIPTION

2-1. FRONT PANEL

AUDIO CONTROL

BREAK AWAY:	Allows to permanently diffuse an audio source. Select a source with the INPUT SELECTION button and press on the BREAK AWAY button (the BREAK AWAY LED lights ON).
MUTE:	Allows to switch OFF the audio output.
VOLUME (+ /-):	Audio level adjustment.

BLACK: Allows to display a black screen.
NOTE: The LED of the last input displayed blinks.

FREEZE: Allows to freeze the displayed output.

INPUT SELECTION: Selection of the 8 input sources.
The lit ON LED indicates the displayed input. The blinking LED indicates the last displayed input (only when **black** is active). The double-blinking LED indicates the diffused audio source (only when **break away** is active).

2-2. REAR PANEL

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

Chapter 3 : TECHNICAL SPECIFICATIONS

3-1. REMOTE PORT (DB9 male connector)

Levels:	RS-232.
Data Rate:	9600 Bauds, 8 data bits, 1 stop bit, no parity bit, no flow control.

3-2. ENVIRONMENTAL
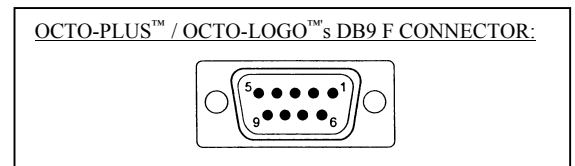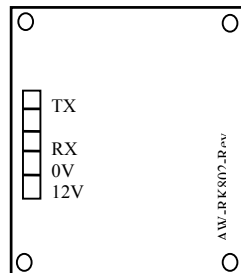
Power Supply:	+ 12Vdc (by the OCTO-PLUS™ / OCTO-LOGO™'s DB9 connector).
Storage Temperature:	- 25 °C to + 85 °C (- 13 °F to + 185 °F).
Maximum ambient operating temperature:	< 40 °C (< 104 °F).
Hygrometry:	10% to 80% (without condensation).
Dimensions:	D 115 x W 117 x H 55 mm / D 4.5" x W 4.6" x H 2.16".
Weight:	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-PLUS™ / OCTO-LOGO™'s DB9 connector.
  • Connect RX on PIN 2 of the OCTO-PLUS™ / OCTO-LOGO™'s DB9 connector.
  • Connect 0V on PIN 5 of the OCTO-PLUS™ / OCTO-LOGO™'s DB9 connector (only 1 wire is necessary).
  • Connect 12V on PIN 8 of the OCTO-PLUS™ / OCTO-LOGO™'s DB9 connector.

PCB OF THE RK802:

TX
RX
0V
12V

AW-RK802-Rev

OCTO-PLUS™ / OCTO-LOGO™'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 deal.