REMOTE KEYPAD (RK-10)

USER'S MANUAL

CHAPTER 1 : INTRODUCTION

1-1. SUPPLIED EQUIPMENT

- 1 **REMOTE KEYPAD** (**RK-10**)**.**
- 1 DB9 (M/F) cable (Length = 3 meters).
- 1 User's Manual.

1-2. GENERAL INFORMATION

The REMOTE KEYPAD (RK-10) is a control device for the **EASY CUT** & **EASY FADE** device. The RK-10 is specially designed to be integrated into a desktop or an electrical 2-gang wall mount box. It allows driving all the Audio & Video switching. The RK-10 is very easy to use and to install, since it only requires one cable to connect it. The RK-10 is auto-powered by the device at which it is connected and doesn't need any extra power supply.

1-3. STARTING

① Turn OFF your **EASY CUT** or **EASY FADE** (rear panel switch).
② Connect the RS-232 connector (DB9 female) of your device to the DB9 male connector of the RK-10 with the supplied DB9 cable.
③ Turn ON your **EASY CUT** or **EASY FADE** (rear panel switch).
④ Select a source with the **COMPUTER** or **VIDEO SELECTION** buttons.
⑤ Select the needed **EFFECT** (cut, fade or title) and press **TAKE**.

CHAPTER 2 : TECHNICAL DESCRIPTION

2-1. FRONT PANEL

EFFECT: Effect selection. This function is available with the EASY FADE only
   CUT: Cut effect selection (LED turns OFF).
   FADE: Fade effect selection (LED blinking).
   TITLE: Title effect selection (LED ON).

AUDIO
   MUTE: Allows to turn on or off the audio output (LED turns ON = no sound on output).
   BREAKAWAY: Allows to permanently broadcast the same audio source whatever the video source selected. Select a source with the VIDEO or COMPUTER SELECTION button, then press and hold the BREAKAWAY button (LED blinking = Breakaway is active).
   VOLUME (+ /-)**:** Audio level adjustment. (Not available).

COMPUTER SELECTION: Selection of the 3 COMPUTER input sources.
   1: Computer #1 source selection (Input #5).
   2: Computer #2 source selection (Input #6).
   3: Computer #3 source selection (Input #7).

FREEZE: Allows to freeze the displayed output.

⏻   **:** Standby. A long push (2 seconds) on this button allows to turns OFF the EASY CUT/FADE. A short push on any button allows coming out of the standby mode.

VIDEO SELECTION: Selection of the 4 VIDEO input sources.
   C.VIDEO 1: Composite source #1 selection (Input #1).
   C.VIDEO 2: Composite source #2 selection (Input #2).
   RGB/YUV: RGBS & YUV source selection (Input #3).
   S.VIDEO: S.VIDEO source selection (Input #4).

NOTE: A long push (2 seconds) on the selected input button allows to active the **BLACK** function. A black screen is displayed onto the output. A short push on the selected input button allows to switch off the black screen and display back the last selected source.

TAKE: Execute the transition.

2-2. REAR PANEL

DB9 male connector: RS-232 & power connection.

5-12 Vdc: External power connector. If needed, connect an external power supply to the RK-10. This external power supply maybe needed in case of long remote cable.
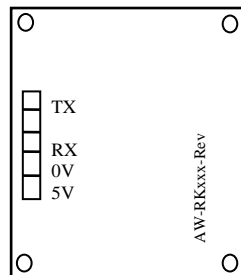
CHAPTER 3 : TECHNICAL SPECIFICATIONS

Power Supply:	+ 5Vdc (by the DB9 connector of the EASY CUT or EASY FADE).
Storage Temperature:	- 25 °C to + 85 °C (- 13 °F to + 185 °F).
Maximum ambient operating temperature:	< 50 °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

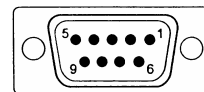To install the REMOTE KEYPAD in a standard 2-gang electrical box, proceed as follow :
① Remove the front panel of the REMOTE KEYPAD (4 screws).
② Disconnect the 5-pin MC connector (screw terminal) from the REMOTE KEYPAD'S PCB and disconnect the wires from the 5-pin MC connector.
③ Connect the new cable on the 5-pin MC connector as shown below:
  • Connect TX on PIN 3 of the EASY CUT / FADE DB9 connector.
  • Connect RX on PIN 2 of the EASY CUT / FADE DB9 connector.
  • Connect 0V on PIN 5 of the EASY CUT / FADE DB9 connector (only 1 wire is necessary).
  • Connect 5V on PIN 8 of the EASY CUT / FADE DB9 connector.

PCB OF THE RK-10:

DB9 F CONNECTOR OF THE EASY CUT/FADE:

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.