

# Numark®

## AVM01

PROFESSIONAL AUDIO/VIDEO MIXER

### Quick Start Owner's Manual

#### BOX CONTENTS

- AVM01
- POWER SUPPLY
- (2) RACK EARS WITH (8) SCREWS
- (4) RACK MOUNT SCREWS

### Manual de inicio rápido del usuario (ESPAÑOL)

#### CONTENIDO DE LA CAJA

- AVM01
- FUENTE DE ALIMENTACIÓN
- (8) OREJAS DEL BASTIDOR C/TORNILLOS
- (4) TORNILLOS DE MONTAJE DEL BASTIDOR

### Kurzbedienungsanleitung (DEUTSCH)

#### PACKUNGS INHALT

- AVM01
- NETZGERAET
- (2) BEFESTIGUNGS SCHANIERE UND (8) SCHRAUBEN
- (4) BEFESTIGUNGS SCHRAUBEN

### Manuel d'utilisation du propriétaire (FRANÇAIS)

#### CONTENU DE LA BOÎTE

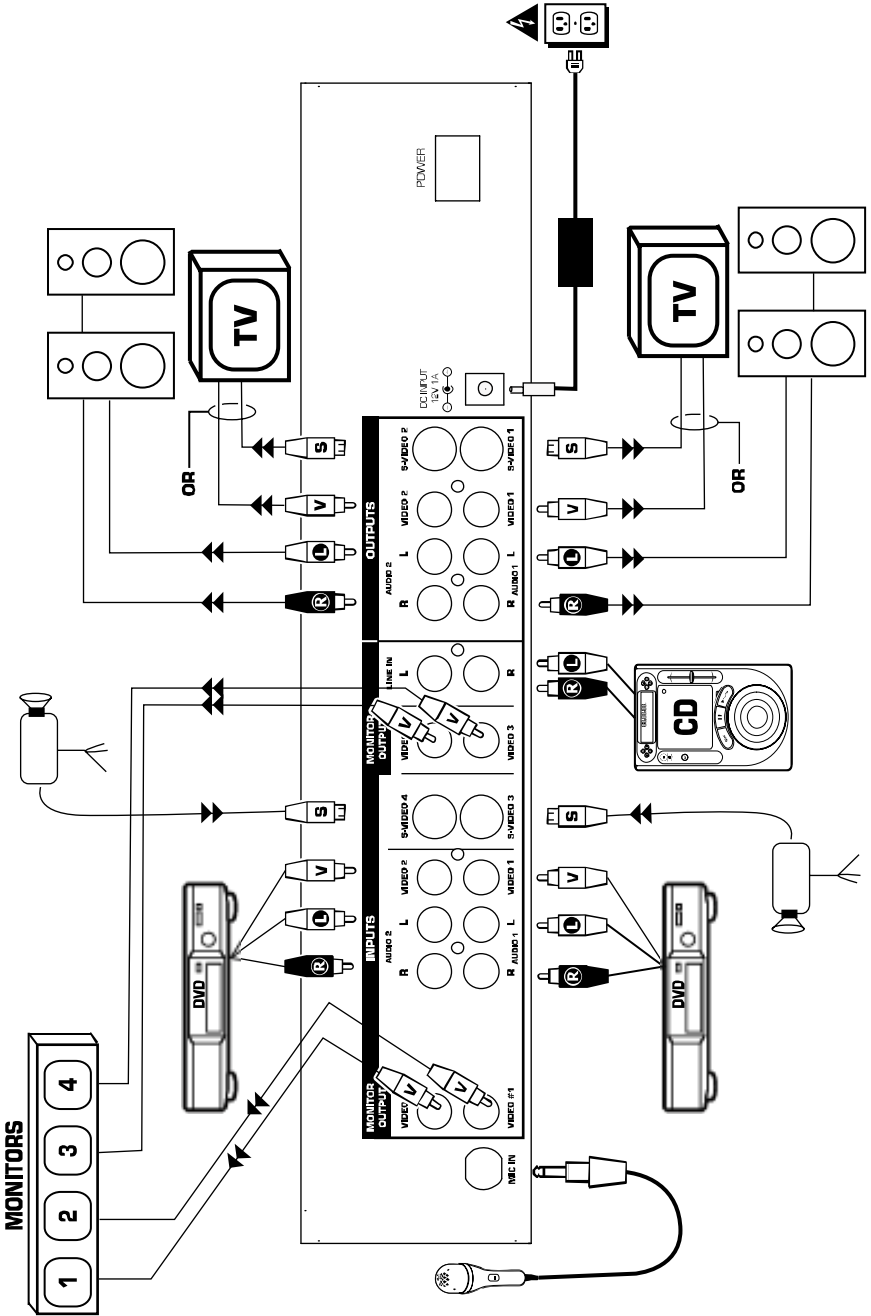
- AVM01
- BLOC D'ALIMENTATION
- (8) MONTANTS POUR SUPPORT AVEC VIS
- (4) VIS POUR SUPPORT DE MONTAGE

### Manuale rapido di utilizzazione (ITALIANO)

#### CONTENUTO DELLA CONFEZIONE

- AVM01
- CAVI DI ALIMENTAZIONE
- (2) ORECCHI DELLA CREMAGLIERA CON (8) LE VITI
- (4) VITI DEL SUPPORTO DELLA CREMAGLIERA

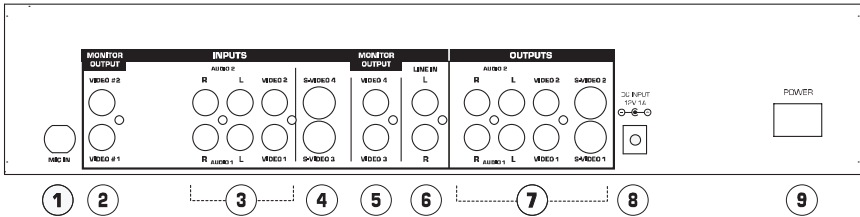
Quick Connection Diagram



## Quick Setup Guide

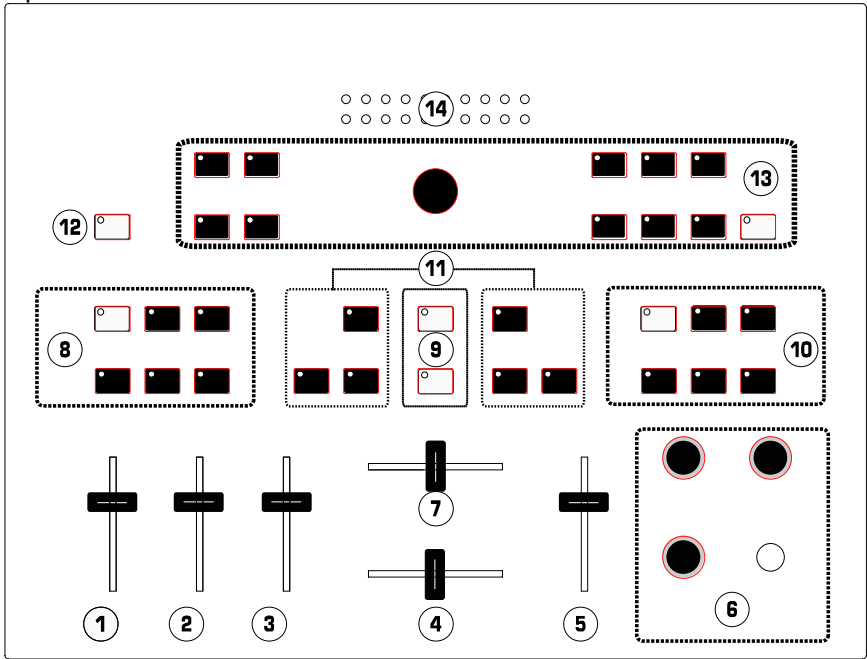
1. Make sure all items listed on the front of this guide are included in the box.
2. **READ SAFETY INSTRUCTION BOOKLET BEFORE USING THE PRODUCT**
3. Study this setup diagram.
4. Place the mixer in an appropriate position for operation.
5. **Make sure all devices are turned off and all faders are at zero.**
6. Connect all input sources as indicated in the diagram.
7. Connect the outputs to the power amplifier(s), monitors and/or projectors.
8. Plug your mixer and other devices into AC power.
9. Switch everything on in the following order:
  - Audio input sources (i.e. CD players) and video input sources (i.e. DVD players, cameras, etc.)
  - Your mixer
  - Last, any amplifiers, televisions, monitors, projectors, etc.
10. When turning off, always reverse this operation by powering down in the following order:
  - Any amplifiers, televisions, monitors, projectors, etc.
  - Your mixer.
  - Last, audio/video input sources.
11. Go to [www.numark.com](http://www.numark.com) for product registration.

## Rear Panel Overview



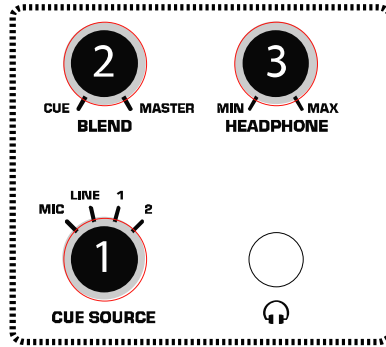
1. **Microphone Input:** ¼ inch microphone jack.
2. **Video 1 and 2 Monitor Outputs:** These are pre-mix, pre-effects outputs for monitoring your video sources. Connect to video monitors if desired.
3. **Source 1 and 2 Inputs:** Composite video and stereo audio inputs. Connect to your video sources (DVD, VCR, etc.)
4. **Video 3 and 4 Inputs:** These are for video sources with S-Video outputs. Note: To select these channels in the Bus, you must press both the background and the corresponding video buttons simultaneously.
5. **Video 3 and 4 Monitor Outputs:** These are pre-mix, pre-effects outputs for monitoring your video sources. Connect to video monitors if desired.
6. **Line In:** This is an auxiliary stereo line input which is controlled by the Line Fader.
7. **Master Outputs:** There are two sets of Master Outputs. Each has stereo audio, composite video, and S-Video. Audio level for this output is controlled by the Master Fader.
8. **Power Jack:** Always use the included power adapter with your product.
9. **Power:** Used to turn the unit on and off.

## Top Panel Overview



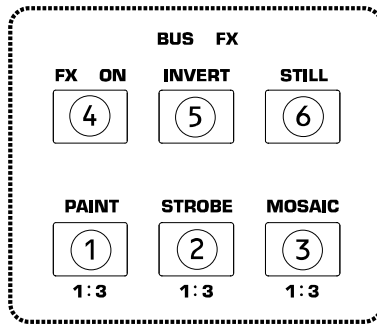
1. **Mic Fader:** Adjusts the audio level of the microphone input.
2. **Line Fader:** Adjusts the audio level of devices connected to the Line In jacks.
3. **Audio 1/2 Fader:** Controls the overall level for the Source 1 and 2 audio inputs.
4. **Audio Crossfader:** Fades audio between the Audio 1 and Audio 2 inputs.
5. **Master Fader:** Controls the Master audio output level of the mixer.
6. **Cueing Section:** Controls the headphone output (see Cueing Section below). There is also a 1/4 stereo headphone jack here.
7. **Video Crossfader:** Fades between the A and B video busses or controls the video effect, depending on the mode. With Auto Fade on, this slider adjusts the speed of fade.
8. **Bus A FX:** Controls video effects on Bus A.
9. **Auto Fade Control:** Performs wipes and fades automatically at the speed selected by the Video Crossfader. The top button turns Auto Fade on and off. The bottom button starts the fade.
10. **Bus B FX:** Controls video effects on Bus B.
11. **Crossfader Bus Selection:** Assigns inputs to the video busses. The Bus A controls are located on the left, Bus B on the right. Any video source can be routed to Bus A or Bus B. Both busses can also be assigned to the same video source for layered effects. To select Video-3 or Video-4, Press both the Background button and the desired video button simultaneously. A background color can be routed to any Bus using the Background button.
12. **Background Select:** Selects the background color for the effects.
13. **Video Fade Modes and Options:** Controls fades, wipes and Picture-In-Picture.
14. **Master Audio Output Meter:** Shows the master audio output level as controlled by the Master Fader.

## Cueing Section



1. **Cue Source Knob:** Selects the audio source that will be heard through the headphones.
2. **Blend Knob:** Mixes the headphone output between the selected Cue Source and the Master Output.
3. **Headphone Knob:** Sets the headphone volume level.

## Video Effects Controls



Each Bus has its own effects control section. These are labeled 8 and 10 on the Top Panel Overview. Note that the video effects do not appear on the Monitor Outputs but do appear on the Master Output.

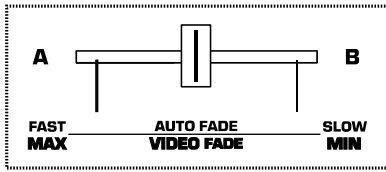
### Overview of buttons:

1. **Paint Button:** Merges shades of colors and forms an abstract picture (sometimes called "posterization"). There are three levels of intensity available.
2. **Strobe Button:** Creates a "stop action" effect. There are three speeds available.
3. **Mosaic Button:** Breaks up the image into patterns of shaded colors to form an abstract picture. There are three sizes of mosaic squares available.
4. **FX On Button:** Toggles all effects on and off.
5. **Invert Button:** Creates a negative of the image.
6. **Still Button:** Freezes the image on the selected Bus.

### To use the effects section:

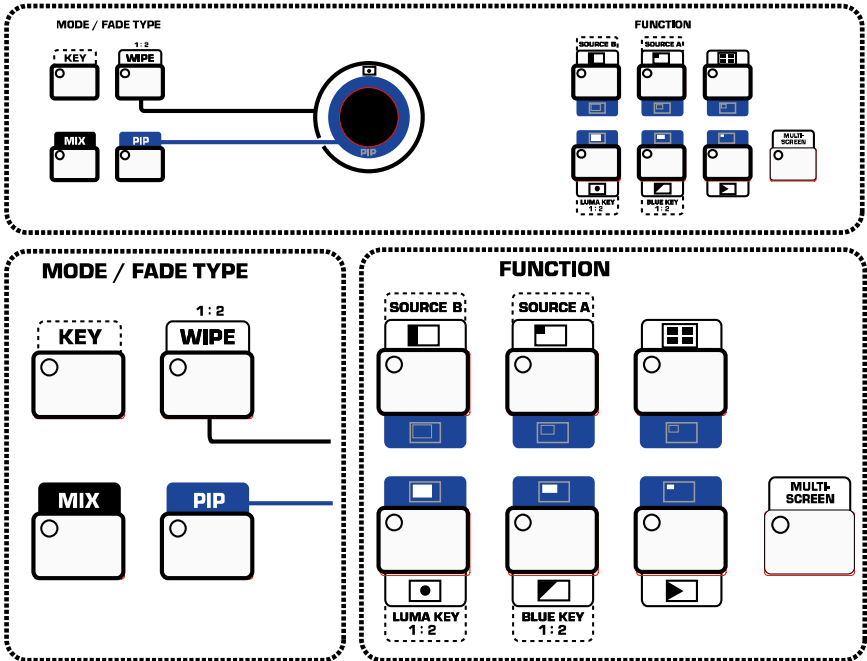
1. Select one or more effects to turn on.
2. Buttons 1, 2 and 3 have three separate levels of the effect (Off, Level 1, Level 2, and Level 3). Press the button to cycle through effects.
3. Press the FX On button to turn on/off effects for a specific Bus.
4. Any effect that is on will have a lit LED.

## Video Fader



This slider controls the Master video output depending upon the mode selected. The Video Fader switches the video from Bus A to Bus B in Wipe and Mix modes. The type of fade or wipe is determined by the Video Fade Modes

## Video Fade Modes and Options



There are two main control sections in this area: the Mode/Fade Type buttons on the left of the Joystick, and the Function buttons on the right. To learn quickly, start with one Mode/Fade Type and learn all the different Function selections that can be used with it. Then, go to the next Mode/Fade Type.

Settings are saved while changing from one Mode/Fade Type to another. When the power is shut off, the unit reverts back to the default factory settings.

The Function section applies different effects and settings based on the Mode/Fade Type section.

and Options controls. "PIP" (Picture-In-Picture) and Key intensity are also adjusted by the position of this slider. Finally, Auto Fade speed is set here as described in the "Auto Fade" section.

## Auto Fade

The Auto Fade On button (Shown as button #9 in "Top Panel Overview") toggles Auto Fade on and off. When the Auto Fade is turned on, the Video Crossfader controls the speed. When the Start button is pressed, the fade will start at the set speed.

## MODE/FADE TYPE BUTTONS

**Mix Button:** This selects a smooth fade between the video sources selected in Bus A and Bus B.

**Wipe Button:** There are two types of wipes toggled by pressing this button. The first provides a hard edge at the wipe boundary, and the second provides a softer edge at the wipe boundary.

Use different settings in the Function section to set the type of Wipe.

## JOYSTICK

The Joystick is used to control the screen position of the PIP and center Wipes. You can create some interesting effects by selecting the same source for both busses, selecting center Wipe and mixing halfway, and selecting an effect on one Bus. The Joystick will allow you to move the effect around on the screen.

## FUNCTION BUTTONS

For quick learning, go through each Mode/Fade Type from the previous section and become familiar with all of the available functions listed below for each mode. Once you have learned all available functions for a Mode/Fade Type, go on to the next one.

**Mix Functions:** There are no Function selections while in Mix mode.

**Wipe Functions:** There are six different Wipe styles. Each one has four sub-functions to cycle through by pressing the button multiple times.

While using the center Wipe Function (lower left corner of the seven Function controls), the Joystick can be used to position the object on the screen.

The Multi Screen feature (see below) can be used with the Wipe Function.

**PIP Functions:** There are six different PIP styles. The top three have a border with the color selected by the Background Select button. The bottom three are borderless. The PIP screen can be positioned by the Joystick.

The Multi Screen feature (see below) can be used with the PIP Function.

**PIP (Picture In Picture) Button:** While in this mode, the image from Bus A is displayed over Bus B in a smaller window. Use different settings in the Function section to adjust the PIP style.

The position of the smaller picture on the screen can be controlled by the Joystick.

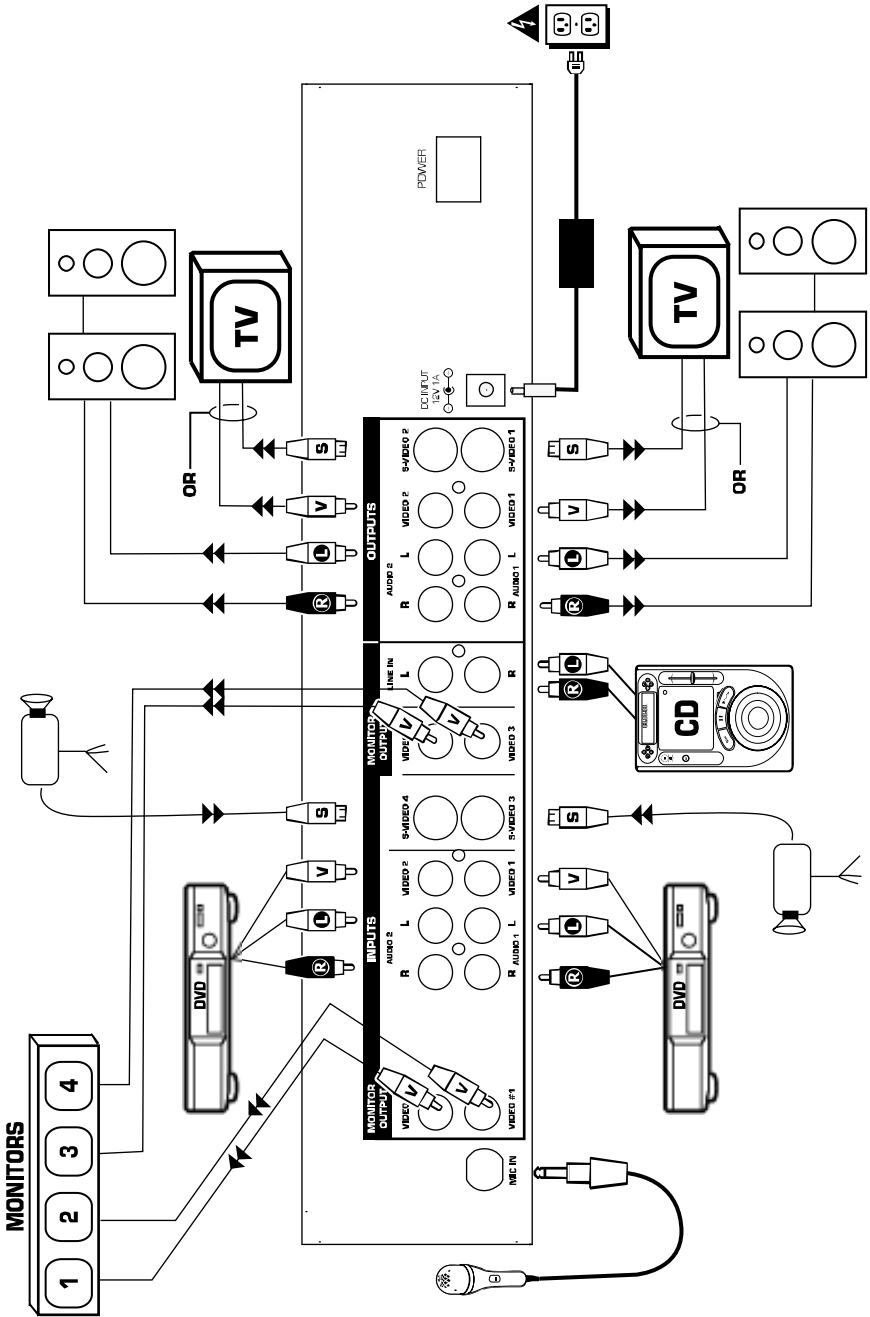
**Key Button:** This is used to activate the Luma Key and Blue Key functions during video mixing as described in "Function Buttons" below.

**Key Functions:** While in Key mode, there are four active Function buttons. The Luma Key and Blue Key buttons set the mode. The Source A and Source B buttons select the desired source for the effect.

- **Source A Button:** Sets the Primary Source to Bus A.
- **Source B Button:** Sets the Primary Source to Bus B.
- **Blue Key Button:** This replaces blue (Pantone 293) areas of the screen with a secondary image, at a level controlled by the Video Crossfader. It is typically used in news broadcasts for superimposing a weather map behind the weatherman. Press the Blue Key button multiple times to toggle between the two types.
- **Luma Key Button:** This mode is similar to the Blue Key except that it will first replace black and then progress to replace lighter shades based on the position of the Video Crossfader. Press the Luma Key button multiple times to toggle between the two types.

**Multi-Screen Functions:** The Multi-Screen Function can only be used in Wipe or PIP mode. Multi-Screen will divide the effect screen into 1, 4, or 16 equal and separate screens. There is also a Mix function for an additional effect.

Diagrama de conexión rápida (ESPAÑOL)

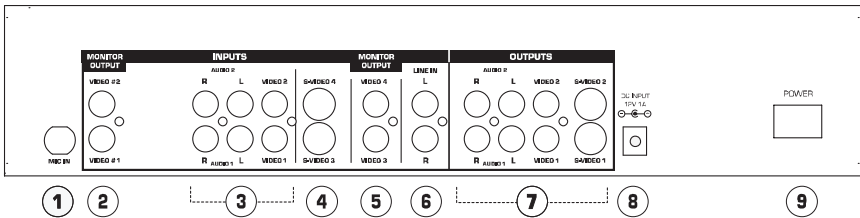




## Guía de instalación rápida

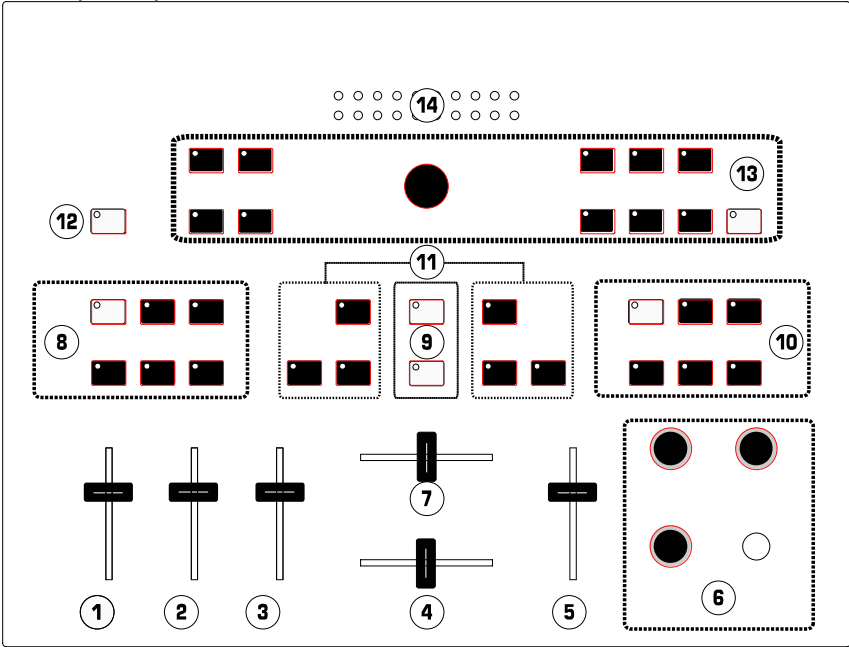
1. Asegúrese de que todos los artículos incluidos al inicio de este manual están incluidos en la caja.
2. **LEA EL FOLLETO DE INSTRUCCIONES DE SEGURIDAD ANTES DE UTILIZAR EL PRODUCTO.**
3. Estudie este diagrama de instalación.
4. Coloque el mezclador en una posición adecuada para su funcionamiento.
5. **Asegúrese de que todos los dispositivos estén apagados y de que todos los faders estén en la posición cero.**
6. Conecte todas las fuentes de entrada como se indica en el diagrama.
7. Conecte las salidas al/los amplificador(es) de potencia, monitores y/o proyectores.
8. Enchufe su mezclador y otros dispositivos a la alimentación de corriente alterna.
9. Encienda todo en el siguiente orden:
  - Fuentes de entrada de audio (por ej. reproductores de CD) y fuentes de entrada de video (por ej. reproductores de DVD, cámaras, etc.)
  - Su mezclador
  - Por último, todo amplificador, televisión, monitor, proyector, etc.
10. Al apagar, realice siempre esta operación en sentido inverso:
  - Todo amplificador, televisión, monitor, proyector, etc.
  - Su mezclador.
  - Por último, las fuentes de entrada de audio/video.
11. Visite [www.numark.com](http://www.numark.com) para registrar el producto.

## Vista del panel posterior



1. **Entrada de micrófono:** Entrada de micrófono de ¼ pulgada.
2. **Salidas de video 1 y 2 del monitor:** Son salidas para las premezclas y los preefectos para monitorear sus fuentes de video. Conéctelas a los monitores de video si desea.
3. **Fuentes de entradas 1 y 2:** Entradas de video compuesto y de audio estéreo. Conecte sus fuentes de video (DVD, VCR, etc.)
4. **Entradas de video 3 y 4:** Estas entradas son para las fuentes de video con salidas de S-Video. Nota: Para seleccionar estos canales en el bus, debe presionar el botón de fondos y el botón de video correspondiente al mismo tiempo.
5. **Salidas de video 3 y 4 del monitor:** Son salidas para las premezclas y los preefectos para monitorear sus fuentes de video. Conéctelas a los monitores de video si desea.
6. **Line In (Entrada de línea):** Es una entrada de línea estéreo auxiliar controlada por el fader de línea.
7. **Salidas master:** Hay dos pares de salidas Master. Cada una tiene audio estéreo, video compuesto, y S-Video. El nivel de audio para esta salida es controlada por el Fader master.
8. **Enchufe de alimentación:** Siempre use el adaptador de alimentación incluido con su producto.
9. **Power (Encendido) :** Se usa para apagar y encender la unidad

Vista del panel superior



1. **Mic Fader:** Ajusta el nivel de audio de la entrada del micrófono.
2. **Line Fader:** Ajusta el nivel de audio de los dispositivos conectados a las entradas de línea (Line In).
3. **Audio 1/2 Fader:** Controla el nivel total para las fuentes 1 y 2 de entrada de audio.
4. **Audio Crossfader:** Actúa sobre el audio entre las entradas de Audio 1 y Audio 2.
5. **Master Fader:** Controla el nivel Master de la salida de audio del mezclador.
6. **Sección de Cue:** Controla la salida de los auriculares (ver la Sección de Cue más abajo). Aquí también hay una entrada para auriculares estéreo de ¼ pulgada.
7. **Video Crossfader:** Actúa entre los buses de video A y B o controla el efecto de video, dependiendo del modo. Con Auto Fade seleccionado, este deslizador ajusta la velocidad del *fade*.
8. **Bus A FX:** Controla los efectos de video en Bus A.
9. **Control de Auto Fade:** Realiza *wipes* y *fades* automáticamente a la velocidad seleccionada por el video crossfader. El botón de arriba apaga y enciende el Auto Fade. El botón inferior inicia el *fade*.
10. **Bus B FX:** Controla los efectos de video en Bus B.
11. **Selección del Crossfader Bus:** Asigna las entradas a los buses de video. Los controles de Bus A están localizados a la izquierda, Bus B a la derecha. Cualquier fuente de video puede ser enviada a Bus A o Bus B. Ambos buses pueden ser asignados también a la misma fuente de video para obtener efectos de capas. Para seleccionar Video-3 o Video4, presione el botón de fondos (Background) y el botón de video deseado al mismo tiempo. Puede enviar un fondo de color a cualquier bus usando el botón de fondos (Background).
12. **Selección de Fondos:** Selecciona el color de fondo para los efectos.
13. **Modos y Opciones de Video Fade:** Controla los *fades*, *wipes* e imagen dentro de imagen (PIP).
14. **Medidor de salida del Audio Master:** Muestra el nivel de salida de audio master controlada por el Fader Master.

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/328116071062006024>