

KAM AUDIO PRO 1000

PROFESSIONAL AUDIO MIXER

OVERVIEW

The KAM AUDIO PRO 1000 mixer is designed to give the DANCE DJ, MOBILE DJ, KARAOKE ARTIST, PUBLIC HOUSE AND SMALL CLUB INSTALLATION maximum flexibility and features for minimum cost. This mixer combines all the features required while maintaining a high level of build quality and specification.

INPUTS

KAP1000 is a 10 input mixer. All the music channels have two separate inputs being a combination of Line/Phono or Line/Line with 2 band eq and 'Kam Kill Cut'. The unit also features two dedicated microphone channels with combination JACK and XLR inputs, 3 band eq and separate override facility. Care should be taken when connecting to the mixer that the correct connections are made. Connecting a CD player to the Phono input or a turntable to the Line input can cause damage to the unit. When connecting a turntable to the Phono input always use the signal earth cable from the turntable to the ground point on the mixer. NOTE: always use shielded signal cables to reduce hum and background noise. The unit should always be switched off when connecting cables.

OUTPUTS

The unit has four outputs on the rear 2 x Master (1 x balanced + 1 x unbalanced), 1 x Record and 1 x Booth. These can be connected to either an external amplifier or tape deck. Care should be taken not to distort the output Signals above 0dB on the meters as this could cause damage to the external equipment.

MASTER / BOOTH OUTPUT CONTROL

This controls the overall output from the mixer, master output to the PA System and the booth output to the monitor speaker amplification. NOTE: care should be taken not to produce distortion with these controls as

this could result in damage to both the unit and any external equipment connected.

LED DISPLAY'S

The unit has three LED displays Left output, Right output and PFL. The left and right output display shows the output level of the mixer and the PFL section shows the combined level of the headphone output.

GAIN CONTROLS

Each of the music channels has a rotary gain control. The gain control adjusts the input level allowing the user to reduce or increase the sound level. NOTE: care should be taken not to produce distortion with these controls as this could result in damage to both the unit and any external equipment connected.

TONE CONTROLS

Each channel has dedicated Bass and Top controls. NOTE: Care should be taken not to distort the output signal using these controls.

KAM KILL CUT

With so many different genres of music the design team at KAM felt that all our mixers should have a more than adequate control over the tone or eq of each audio channel. The Kill Cut feature is a specially designed tone level controls. Kam Kill Cut will give you greater control when cutting and lifting the tone controls.

CHANNEL SELECTORS

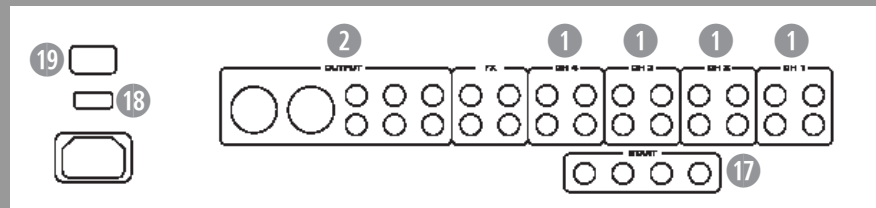
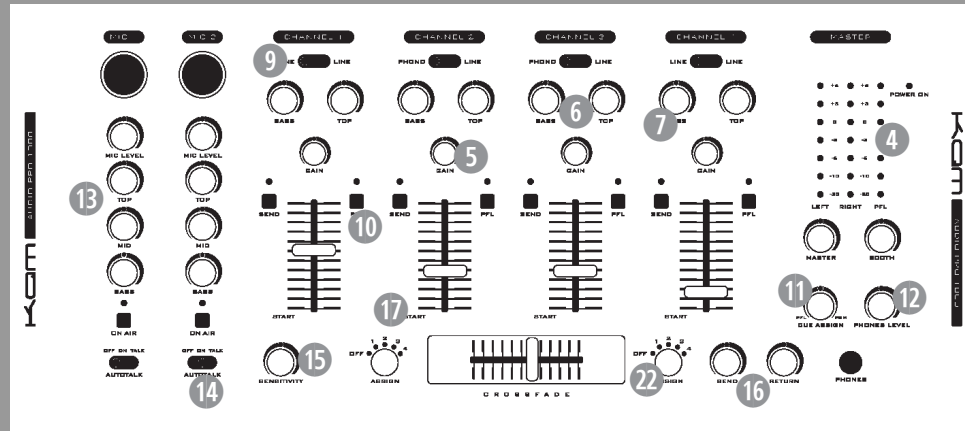
These are used to switch between Line input and Phono input on each channel.

CHANNEL LEVEL FADERS

These are used to adjust the output level for each channel. NOTE: care should be taken not to produce distortion with these controls as this could result in damage to both the unit and any external equipment connected.

PFL ASSIGN

Each channel has a PFL assign switch. This should be activated when you wish to monitor that channel through the headphone circuit.



CUE ASSIGN CONTROL KNOB

This Controls which channel is monitored in the headphones. When the rotary control is fully anti-clockwise the PFL circuit is monitored, when the rotary knob is fully clockwise the master output or PGM is monitored.

PHONES LEVEL

This controls the output volume of the headphones. Care should be taken not to have this set to high as it could result in damage to both the hearing of the user and the headphones. The channel to be monitored is selected via the cue assign control knob.

MICROPHONE CONTROLS

The two DJ/Mc or Vocalist microphones channels each have their own dedicated level control. All microphones have individual 3 band eq section with gain control, music override and on air switch. NOTE: To achieve the best results from the 2 microphone channels check out our range of Kam Mics.

MICROPHONE AUTOTALK

This is a three position switch OFF/ON/TALK. The OFF position the mic channel Auto talk is off, but the channel is still active. In the on position the Autotalk continuously reduces the level of the music to the level set by the sensitivity control. In the Talk Position the music level reduces while the microphone is in use and then automatically returns the music to normal level once the microphone is not in use. The override level is adjustable via the mute control. Note: Each microphone channel has an ON AIR switch please ensure the switch is depressed to activate the microphone channel.

SENSITIVITY MUTE LEVEL

Adjusts the level to which the music is reduced when the Autotalk is in use.

SEND AND RETURN

The KAM AUDIO PRO 1000 features a send and return facility that is selectable from any of the music channels. This facility is for use with external processing equipment. The send assign switch on each channels need to be pressed to activate the channels send feature. The overall level of output to the external component is controlled by

the send control and the overall return volume is controlled by the return control.

AUTO START FEATURE

Each of the four music channels has an auto start micro switch on the fader. The mixer can be connected to a compatible music source (KAM CD Players or CD player with a +/- 5V pulse) via the mini jacks on the rear of the mixer. When the fader is lifted the music source will begin to play. When the fader is closed the music source will pause. For further information about remote start visit the web: www.kam.co.uk/remotestart.

VOLTAGE SELECTOR

The KSP1500 is dual voltage (110 / 230V). Please ensure the correct voltage is selected for your country. Failure to set the correct voltage will cause damage to the unit.

POWER

The KSP1500 is dual voltage (110 / 230). Please ensure the correct voltage is selected for your country. Failure to set the correct voltage will cause damage to the unit.

KAM PROFADE CROSSFADER

This allows the user to mix smoothly between both music channels selected on the crossfader assign.

CROSSFADE ASSIGN

To the left and right of the crossfader is a crossfade assign knob, which has an off position and selections 1-4. This control is designed to assign the crossfade position to the appropriate channel.

REPLACEABLE PROFADE CROSSFADER (not shown)

You are probably already aware that this mixer comes with a FREE EXTRA KAM ProFADE crossfader.

Crossfaders are generally not guaranteed and are a chargeable item. The Team at KAM think that you should have a longer time to enjoy mixing and preparing to be a top class artist, so with two faders in the box, you will have twice as much time to enjoy this product and compared to other brands longer before you need to change any parts.

SPECIFICATION

INPUT	Mic 1mV / 600ohm Phono 3mV / 50Kohm Line 150mV / 100Kohm
OUTPUT	Amp 1V / 600ohm Rec 450mV / 600ohm Headphone 8ohm stereo
FREQUENCY RANGE	20Hz - 20,000Hz
EQ CONTROL	-26dB/+12dB
THD	0.05%
S/N RATIO	68dB
AUTO START CONTROL	5V
AUTO TALKOVER	15dB
POWER SUPPLY	External PSU
DIMENSIONS	482 x 212 x 98mm
WEIGHT	4.5kg

Due to continuous product development, specifications are subject to change.

INSTRUCTION MANUAL

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