

# KAM KWM1920 MIC KIT

## DUAL WIRELESS MICROPHONE KIT

Kam KWM radio mics are ideal for the stage bound vocal performer who needs freedom to roam with a quality of sound you'll find hard to beat for the price. The KWM1920 uses a narrow band of frequencies between 174 and 175 MHz which complies with all DTI regulations. This is a frequency range where there is very little interference in the UK but the KWM1920 also utilises advanced filtering technology to help eliminate interference. The transmitters also feature low voltage circuitry to help extend battery life and to increase sensitivity.

### KWM1920 WIRELESS RECEIVER

- ❶ **CHANNEL 1 ANTENNA CONNECTION**
- ❷ **CHANNEL 1 VOLUME CONTROL** - use this to adjust the microphone signal level so that the channel 1 VU level meter is peaking at around zero dB.
- ❸ **CHANNEL 1 VU LEVEL METER** - use this to measure the mic signal level.
- ❹ **POWER SWITCH**
- ❺ **CHANNEL 1 RF SIGNAL LED** - when this is illuminated the receiver is receiving an active signal from the channel 1 mic.
- ❻ **POWER LED** - illuminates when the power is on.
- ❼ **CHANNEL 2 RF SIGNAL LED** - when this is illuminated the receiver is receiving an active signal from the channel 2 mic.
- ❽ **CHANNEL 2 VU LEVEL METER** - use this to measure the mic signal level.
- ❾ **CHANNEL 2 VOLUME CONTROL** - use this to adjust the microphone signal level so that the channel 2 VU level meter is peaking at around zero dB.
- ❿ **CHANNEL 2 ANTENNA CONNECTION**
- ⓫ **MIX AUDIO OUTPUT** - this is a standard unbalanced line level audio output. It combines the audio signals from both microphone channels.
- ⓬ **CHANNEL 2 INDIVIDUAL AUDIO OUTPUT** - this is a standard line level balanced XLR audio output. It carries only the audio signal from microphone channel 2.
- ⓭ **CHANNEL 1 INDIVIDUAL AUDIO OUTPUT** - this is a standard line level balanced XLR audio output. It carries only the audio signal from microphone channel 1.
- ⓮ **MAINS POWER INLET**

### MICROPHONE TRANSMITTERS

- ❶ **LOW BATTERY INDICATOR LIGHT** - when lit you have approximately one hour left of useful operation. Ideally change the batteries when lit.
- ❷ **POWER ON / OFF / STANDBY SWITCH**
- ❸ **2 x AA TYPE BATTERIES** - provides power to the microphone transmitter. Typical battery life is ten hours.
- ❹ **BATTERY COVER** - unscrews for access to the two 1.5V AA type batteries. **IMPORTANT:** Use Alkaline batteries only, Carbon-Zinc and Zinc-Chloride batteries will not provide adequate power and are not recommended. For information on battery installation, see section at end of instruction manual.



KWM1920 MICROPHONE TRANSMITTERS

### USING THE KWM1920 WIRELESS RECEIVER

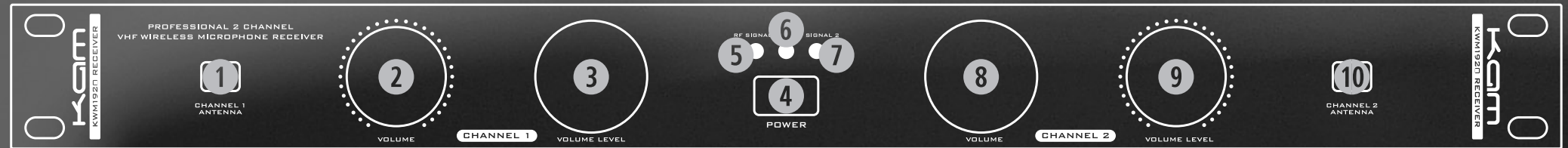
1. Connect outputs for channel A & B to your mixer/amplifier, either two balanced XLR cables for dual output or a single unbalanced 1/4 inch jack plug cable for mixed output of both channels.
2. Connect the AC adapter to the receiver and plug into an appropriate power outlet.

### USING THE WIRELESS MICROPHONE TRANSMITTER(S)

1. Slide the mic ON/OFF/STANDBY switch to the ON position.
2. Check the signal indicator is lit on your receiver to see if the radio signal is being received.
3. If the signal indicator is lit, begin singing or speaking.
4. During the performance, slide the ON/OFF/STANDBY switch to the STANDBY position when the mic is not being used.
5. When the performance is over, slide the ON/OFF/STANDBY switch to the OFF position to conserve battery power.

### MICROPHONE BATTERY INSTALLATION

1. Slide the transmitter ON/OFF/STANDBY switch to the OFF position.
2. Unscrew the transmitter battery cover to expose the battery terminals.
3. Insert a pair of fresh 1.5V AA batteries into the battery compartment. New batteries should typically provide ten hours of performance time.



KWM1920 FRONT PANEL



KWM1920 REAR PANEL

# INSTRUCTION MANUAL

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www.kam.co.uk