

RMx5™ / RemoteMix x5™

5 Channel USB Field Mixer



FEATURES

| | x4 | x5 |
|---|----|----|
| » Low Noise, High Headroom, XLR mic inputs (Two Mic/Line Switchable) | 4 | 4 |
| » Individually Switchable 48v Phantom Power | • | • |
| » L-C-R Channel Select for Each Mic Input. | | • |
| » 3.5 mm Stereo Line Input | | • |
| » 120 Hz Low Cut Filter | • | • |
| » Soft Limiter | | • |
| » Master XLR Output 20 Hz – 20 kHz | • | • |
| » ¼" Headphone Jacks with Individual Source Selector and Level Controls | 4 | 4 |
| » ¼" Stereo Headphone Cue Input | • | • |
| » XLR Mono Line Level Headphone Cue Input | | • |
| » Wired Phone Headset Interface with 3.5 mm TRRS Plug | • | • |
| » 3.5 mm Stereo Line out | • | • |
| » 1 kHz Tone Generator | | • |
| » LED VU Meter (Send/Receive Selector on x5) | • | • |
| » 24 bit USB codec for record and playback through computer | | • |
| » 24 bit AES digital output | | • |
| » Hot Swappable Dual 9V Batteries and 120-240 VAC External Power Supply | • | • |

RMx4 shown for comparison **x4**=RMx4, **x5**=RMx5



Mix It Up. RMx5 combines a five-channel field mixer with a four-channel headphone amplifier. After all, what good is a field mixer if you don't have a flexible monitoring capability for the whole crew?

Great Sound. Four low noise, high headroom active balanced mic inputs feature extremely high common mode rejection for outstanding cable noise immunity. A soft limiter prevents overdrive while the High Pass filter removes room rumble and mic handling noise. Direct drive DC coupled XLR output for improved output cable noise immunity.

Digital. 24 bit USB codec provides USB 2.0 Class Compliant record and play capability through Windows, OS X, and Linux operating systems. AES/EBU Digital output on a dedicated XLR jack, independent of USB codec.

Convenient. 3.5 mm Stereo input and output jacks for recording or playing back of recorded material. Separate headphone level and source selection controls for each headphone output. Monitor just the clean mixer output, the Cue input, or a mix of the two.

Power Smart Design. Switchable 48V Phantom Power on each mic input. Powered by 1 or 2 hot-swappable 9V batteries that automatically kick in if AC power goes down. Low noise, low power ICs are used throughout to preserve battery life. The 100-240 VAC desktop style power supply (included) overrides the battery power only when the supply is actually providing power.

Radio. RMx5 is designed for news and sports remotes. Use it as a front-end mixer for your POTS, ISDN, IP or smart phone codec. XLR out, XLR or ¼" stereo return to headphones. Use the USB interface to stream audio through a laptop soft codec.

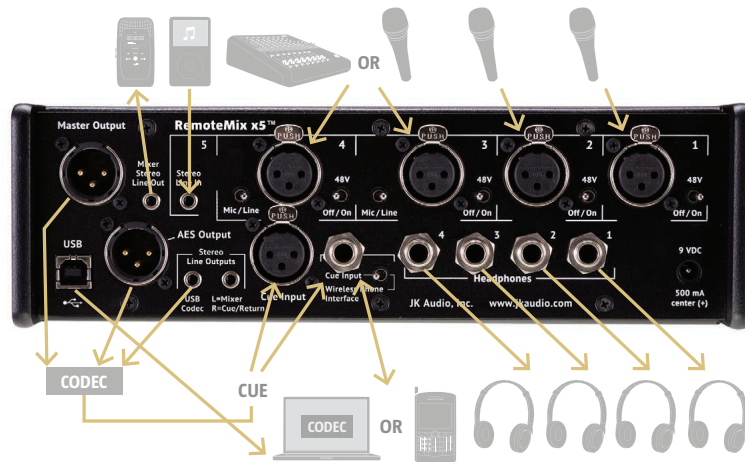
TV. RMx5 is designed for ENG, Sports, and interviews, with four ¼" headphone outputs. 3.5 mm TRRS provides 2-way IFB audio from your cell phone or notebook.



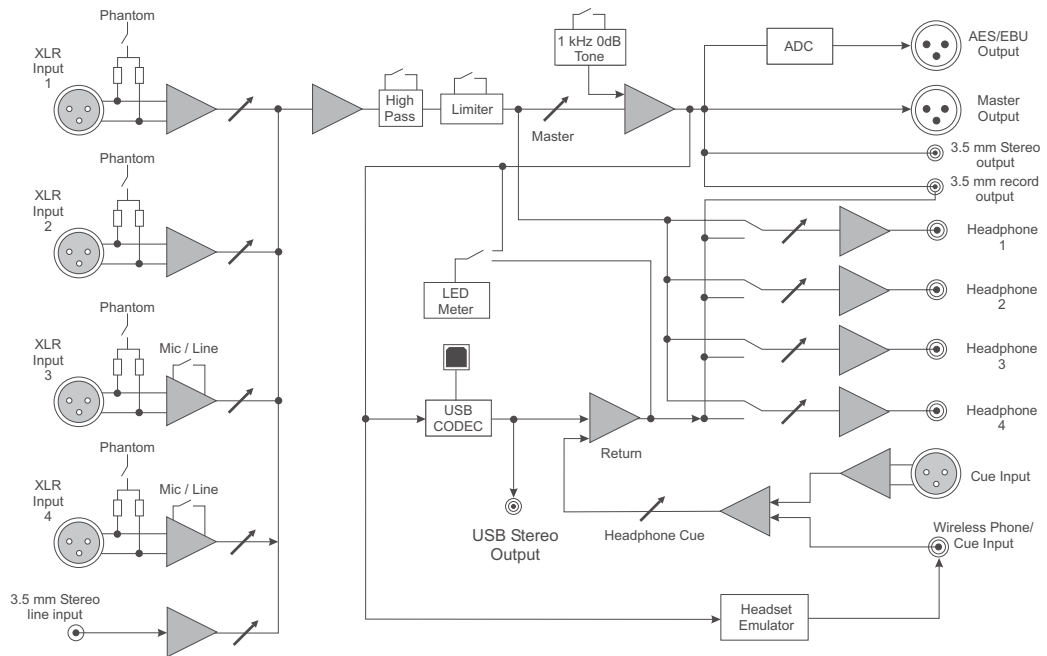
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5 Channel USB Field Mixer

REAR VIEW



BLOCK DIAGRAM



SPECIFICATIONS



Input

| | |
|----------------------------------|---|
| Female XLR Mics (4): | 2k ohms / -25 dBu nom Channel 3 & 4 have -40 dB Mic/Line pad switch Line = 50k ohms / +20 dBu max |
| Phantom Power: | 48 VDC with 6.8k ohm supply resistance |
| 1/8" (3.5mm) Stereo Line: | 20k ohms / -10 dBu nom |
| Headphone Cue 1/4": | 20k ohms / -10 dBu nom |

Misc

| | |
|----------------|--|
| Power: | 100-240 VAC, 50-60Hz external power supply or Two 9 VDC batteries (> 10 hours). |
| Size: | 9.5" x 8" x 3" |
| Weight: | 3.6 lbs (1.6kg) |

Output

| | |
|-------------------------------|--|
| Balanced Male XLR: | 50 ohms / +16 dBu max 20 Hz - 20 kHz +/- 1dB 0.04% THD @ +16 dBu |
| 1/8" (3.5mm) Stereo: | 100 ohms / -10 dBu nom |
| Headphone 1/4" Stereo: | 8 ohms / 1/3 watt per channel |

Digital Audio Output

| | |
|-----------------------|--------------------------|
| Male XLR: | 110 ohms balanced |
| Format: | AES3 24-bit stereo |
| Sampling Rate: | 44.1 kHz, 48 kHz, 96 kHz |

USB Codec

| | |
|-----------------------|--------------------------------|
| Format: | USB 2.0, Type-B, 24-bit Stereo |
| Sampling Rate: | 44.1 kHz, 48 kHz, 96 kHz |