

# RMx4™ / RemoteMix x4™

4 Channel 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	•	•

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



**Mix It Up.** RMx4 combines a four-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.** A soft limiter prevents overdriving the full-duplex headset interface, while the master XLR and 3.5 mm outputs are pre-limiter (full range). Line level cue input to the headphones make RMx4 a perfect companion to your codec or recorder.

**Convenient.** 3.5 mm send and receive jacks for recording or playing back recorded material. Separate headphone level and source selection controls for each headphone output. Monitor just the clean mixer output, or the Cue input plus the mix.

**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.** RMx4 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, ¼" return to headphones.

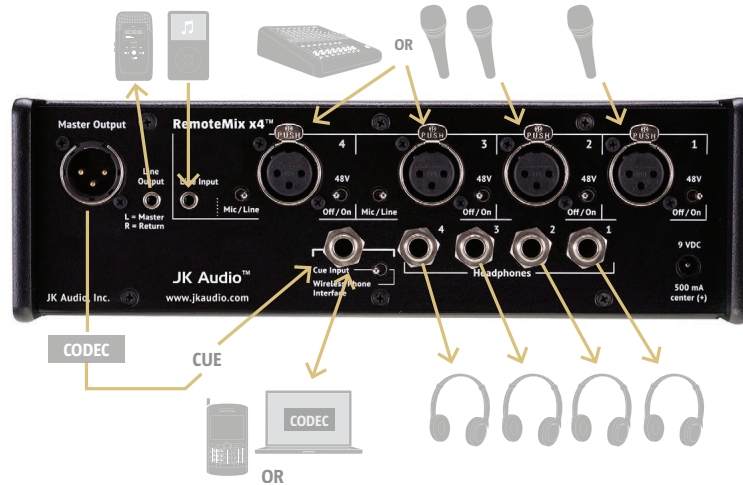
**TV.** RMx4 is designed for ENG, Sports, and interviews, with four ¼" headphone outputs. 3.5 mm TRRS provides 2-way IFB audio from your cell phone or notebook.



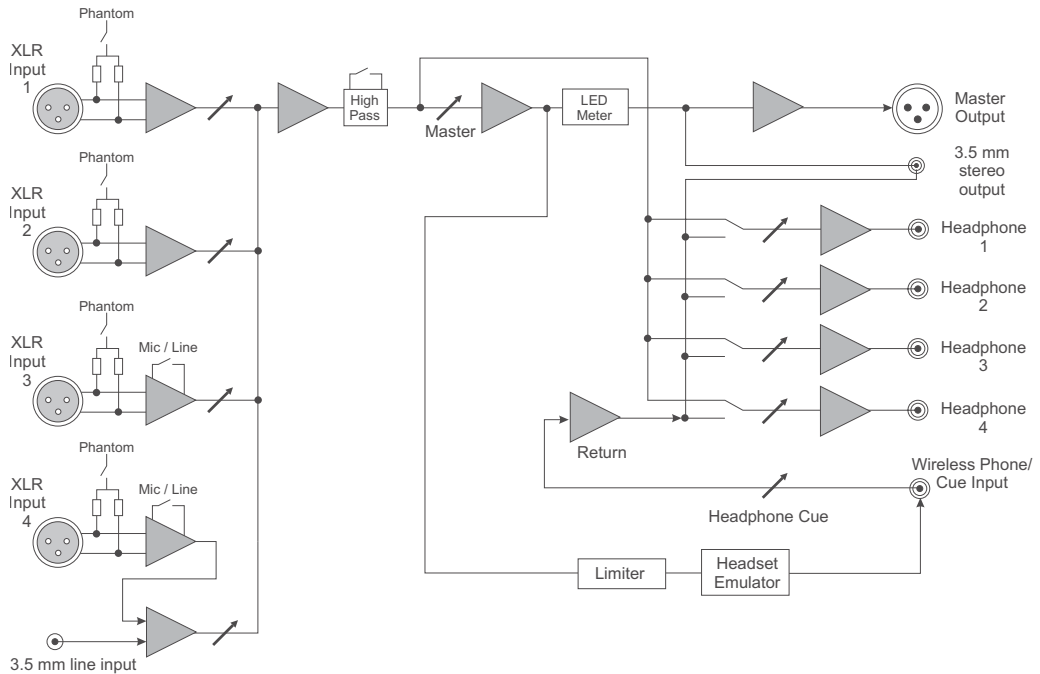
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## 4 Channel Field Mixer

### REAR VIEW



### BLOCK DIAGRAM



### SPECIFICATIONS



#### Input

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

#### Misc

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

#### Output

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