

# RemoteMix 4™

## Broadcast Field Mixer

7 kHz  
HD VOICE



### FEATURES

	2	3.5	4
» HD Voice (Wide-Band Speech)	•	•	•
» XLR Mic Jacks	2	3	4
» Switchable 48 Volt Phantom Power for each Mic Input			•
» Mic/Line Pad: On Channel	2	3	3,4
» 1/4" Headphone Jacks with Individual Level Controls	2	3	4
» 3.5 mm Send and Receive Jacks	•	•	•
» LED VU Meter	•	•	•
» Phone Line Hybrid with DTMF Keypad with Redial	•	•	•
» Universal PBX Handset Interface		•	•
» Wired Phone Headset Interface	•	•	•
» Bluetooth Wireless Technology		•	•
» Bass Boost			•
» Dual 9 Volt Batteries	•	•	•
» 100-240 VAC External AC Power Supply	•	•	•

Remote Mix 2 and RemoteMix 3.5 shown for comparison

**2** = RemoteMix 2   **3.5** = RemoteMix 3.5   **4** = RemoteMix 4

**More than just a Field Mixer.** RemoteMix 4 is a four-channel field mixer and headphone amplifier. More than just a field mixer, this is a universal communications interface. RemoteMix 3.5 features a phone line hybrid and keypad, a PBX handset interface, and both wired and wireless cell phone interfaces. These parts were designed to work together, saving setup time in the field.

**Radio.** RemoteMix 4 is perfect for sports remotes. Use it as a phone line hybrid, calling into your studio talk show hybrid. Use it as a front-end mixer for your POTS, ISDN, IP or smart phone codec.

**TV.** RemoteMix 4 gives you the ultimate phone connectivity with four 1/4" IFB headphone feeds. Send and receive interview audio and pull IFB out of any business phone system, even your cell phone or notebook.

**Great Sound.** A soft limiter prevents overdriving the phone line interfaces, while the mixer XLR output is pre-limiter (full range). Convenient 3.5mm send and receive jacks for recording the show, or mixing in your MP3 player.

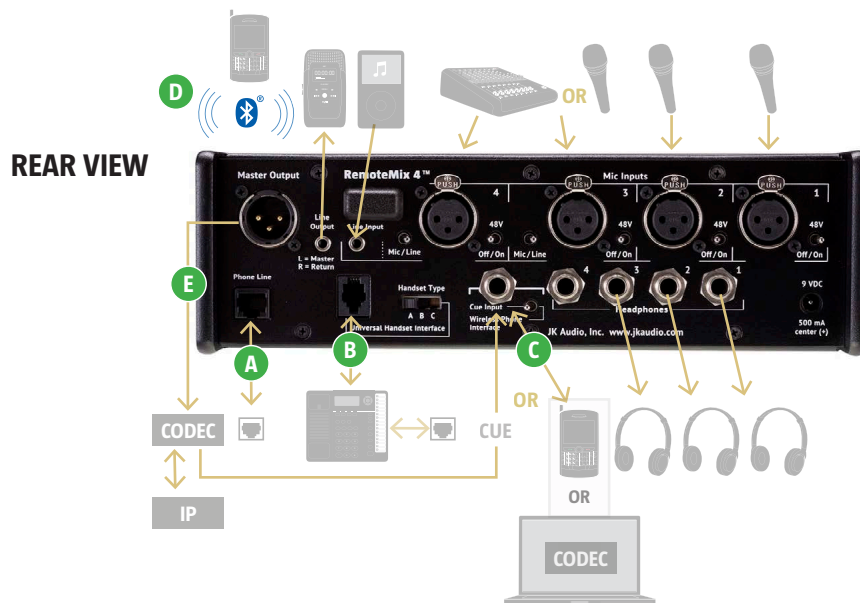
**Bluetooth Wireless Technology.** Route audio through your cell phone or notebook using Bluetooth Wireless Technology. The Bluetooth interface will connect in hands free mode allowing a two way 3.4 kHz telecom bandwidth connection. The Bluetooth interface can also connect in wireless headphone mode offering a 20 kHz audio bandwidth, listen-only connection.

**Power Smart Design.** Low noise, low power ICs are used throughout either of these mixers to preserve battery life. The low noise 100-240 VAC desktop style power supply (included) overrides the battery power only when the supply is actually providing power. If the power goes out, the batteries automatically cut in. 20 kHz audio bandwidth, listen-only connection. The phantom power generator in the RemoteMix 4 only runs if any of the rear panel 48 V switches are set to "ON".

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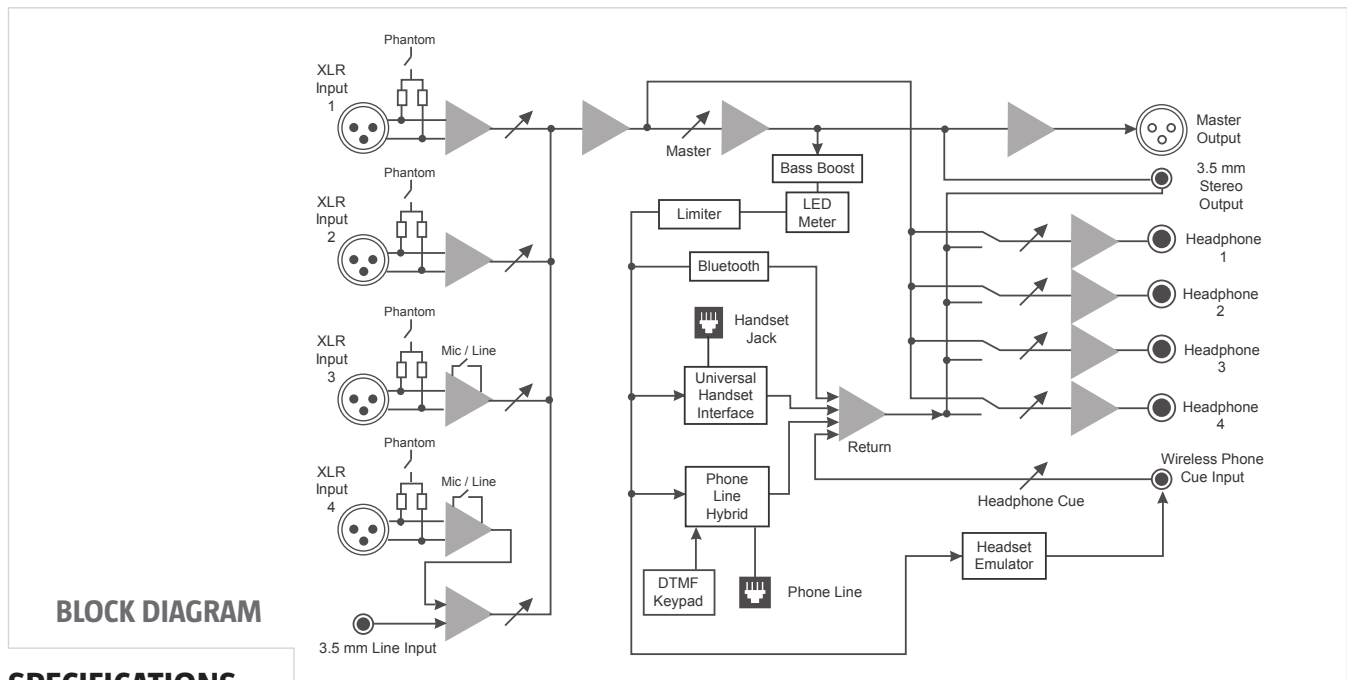
7 kHz  
HD VOICE



### Talk about backup...

5 ways to get the signal back to the station.

- Dial in with the internal phone line hybrid,
- Connect through any PBX or VoIP telephone through the Universal Handset Interface,
- Plug into the headset jack of your phone or notebook,
- Pair to any Bluetooth audio device
- Use as a front end mixer for your CODEC.



## SPECIFICATIONS

### Input

<b>Female XLR Mics:</b>	2k ohms / -25 dBu nom (Mic/Line pad switch = +6 dBu max)
<b>1/8" (3.5mm) Stereo Line:</b>	20k ohms / -10 dBu nom
<b>Headphone Cue 1/4":</b>	20k ohms / -10 dBu nom

### Bluetooth Wireless Technology

<b>Standard:</b>	Bluetooth 3.0
<b>Frequency Response:</b>	HF: full duplex voice, 300Hz – 3.4kHz HF (HD): full duplex HD voice, 50Hz – 7kHz A2DP: 30Hz – 17kHz, master to slave
<b>Range:</b>	33 ft (10m)

### Output

<b>Balanced Male XLR:</b>	+16 dBu max, 20 Hz - 20 kHz, +/- 1dB
<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

<b>Phone Line Connector:</b>	POTS: RJ11C, PBX: RJ22
<b>Ringer:</b>	0.5B REN
<b>Isolation:</b>	1500 VAC
<b>Power:</b>	100-240 VAC, 50-60Hz or Two 9 VDC batteries
<b>Size:</b>	9.5" x 8" x 3"
<b>Weight:</b>	3.8 lbs (1.72 kg)