

# RemoteMix 4

## Portable Broadcast Mixer

### Product Overview



RemoteMix 4 is a four channel field mixer combined with a four channel headphone amplifier. Includes a phone line hybrid and keypad, as well as a universal PBX handset interface and a 2.5 mm wireless phone interface. It can also connect to cell phones and portables using **Bluetooth** Wireless Technology. All this in a tough, portable unit that's smaller than a lunch box. All-in-one is an understatement. These parts were designed to work together and save setup time in the field. No need to send an engineer with patch cables. All the pieces work together in one reliable unit.

**Radio** - RemoteMix 4 was designed 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 or IP codec. Use it with your laptop codec.

**TV** - RemoteMix 4 gives you the ultimate phone connectivity with four IFB feeds. Imagine being able to send and receive interview audio, and pull IFB out of any business phone system, even your cell phone. More than a field mixer, this is a shoot saver.

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

**Bluetooth** Wireless Technology - RemoteMix 4 will first attempt to connect in hands free mode to a cell phone. If this type of connection is not available, it will connect to any other product, such as a notebook or portable that allows a Bluetooth wireless connection. This wireless headphone mode offers a full audio bandwidth stereo connection.

**Power Smart Design** - Phantom power is not always needed, yet it can be a real drain on batteries. The phantom power generator only runs if any of the rear panel 48 V switches are set to "ON". Low noise, low power ICs are used throughout 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.

# JK Audio

Telephone Interface Products

815-786-2929

1-800-JK-Audio

[www.jkaudio.com](http://www.jkaudio.com)

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### Features

- Separate clipping LEDs for each channel
- Headphone source selector switches, mixer out or phone mix
- Master Send level control
- 7 segment LED output meter
- DTMF keypad with Redial
- Keypad disable switch
- Bass boost



- Four XLR mic inputs
- Mic/Line switches on channels 3 & 4
- One 3.5 mm line level input
- 1/4" Line level headphone cue input
- PBX handset interface
- 2.5 mm cell phone interface
- Dual 9V battery drawers

- Four 1/4" headphone output jacks with individual level controls
- 3.5mm stereo output (Mixer=L, Phone mix=R)
- Male XLR line level mixer output
- Phone line jack with hook-switch and ringer LED
- 100-240 VAC power supply included
- Switchable 48 volt phantom power on all mic inputs
- Can connect to cell phones and portables using **Bluetooth** Wireless Technology

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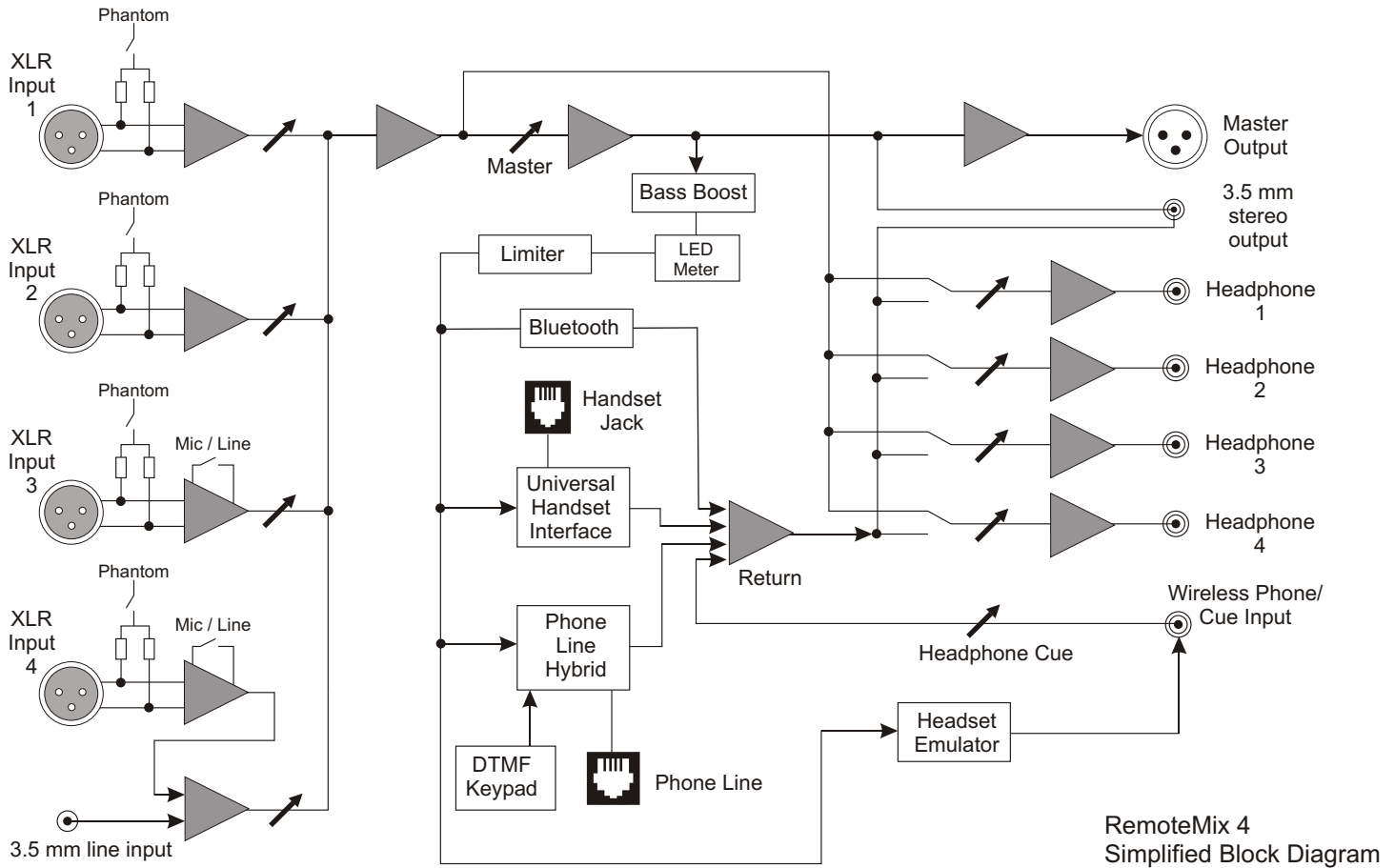
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### Block Diagram



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### Specifications

#### Inputs:

Microphones(4):	Female XLR 2 kohm (-25 dBu nom) Channel 3 & 4 have -40 dB Mic/Line pad switch Line = +16 dBu max, 50k ohms
Line Input	3.5mm Stereo line input, 20k ohms -10 dBu nom.
Headphone Cue In	1/4", 20k ohms, -10 dBu nom

#### Outputs:

Balanced Out:	Male XLR 50 ohms +16 dBu max 20 Hz - 20 kHz +/-1dB
Line Out:	3.5mm Stereo line output, 100 ohms -10 dBu nom
Headphones(4):	1/4" Stereo 8 ohms, 1/3 watt per channel

Phone Line Connector:	RJ11C Isolation 1500 VAC Ringer 0.9B REN Keypad DTMF
PBX Interface:	RJ22 PBX Handset interface simulates electret, dynamic, and carbon handset microphone types
Wireless phone:	36" cable provided with 2.5mm, 3 conductor headset plug
Bluetooth:	Frequency Response Headset (phone): 300Hz - 3400 Hz Headphone mode : 30Hz - 17kHz
Power:	100-240 VAC, 50-60 Hz desktop style power supply (included) -or- two 9 VDC batteries
Size:	9.5" x 8" x 3"

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