The Multi Mixer (JIB/MM) is an extremely versatile audio mixer designed to solve many of the patching and mixing problems that arise when connecting various devices together. It features a wide variety of input and output connectors including balanced XLR, balanced ¼", stereo RCA, and stereo 1/8" to accommodate most of the cables found in pro and consumer audio situations. The “Mic/Line switch” located between the XLR and 1/4” Balanced Mono Outputs allows for selecting either a “Mic Level” Balanced Mono Output or a “Line Level” Balanced Mono Output. The JIB/MM also features a stereo Headphone output jack with a dedicated volume control to monitor the entire mix. The high gain/wide dynamic range design of the JIB/MM ensures that you will never have trouble matching levels between audio devices.

The JIB/MM will run off of 2AA batteries for about 15 hours or an optional DC power supply (JIB/US4.5-14). The JIB/MM will supply +24V phantom power to microphones.

The JIB/MM is great for:
1) Adding inputs to an existing mixer by creating a sub-mix of two or more sources before sending the signals to the main mixer or powered speaker.
2) Serving as a sophisticated cable adapter that not only adapts the connector type but also provides the correct impedance with adjustable level control.
3) Serving as the main mixer for small acts as well as AV presentations.
4) As a mixer for rehearsals when its impractical to set up the entire PA.
5) Interfacing consumer audio gear with pro audio gear.
6) Battery operation allows remote location use where AC power is unavailable.
7) As an emergency back-up mixer to have just in case.
SPECIFICATIONS:

CH 1 & 2
Mic Inputs:
Input Type: XLR
Input Impedance: 4k (2k with pad)
Input Sensitivity: Minimum: 3mV RMS (-51dBV) (Without Pad) - Nominal: 22mV RMS (-33dBV)
Max Input Level: Pad Off: 649mV RMS (-3.8dBV) Pad On: 6.5V RMS (16.3dBV)
Pad: -20dB
Phantom Power: +24V

Line Inputs:
Input Type: 1/4" TRS
Input Impedance: 10k
Input Sensitivity: Minimum: 14mV RMS (-37.2dBV) Nominal: 112mV RMS (-19dBV)
Max Input Level: 3.2V RMS (10dBV)

CH 3
Input Type: Left/Right RCA, 1/8" TRS
Input Impedance: 15k Min
Input Sensitivity: Minimum: 159mV RMS (-16dBV) Nominal: 495mV RMS (-6.1dBV)
Max Input Level: 15.8V RMS (+24dBV)

CH 4
Input Type: Left/Right RCA
Input Impedance: 15k Min
Input Sensitivity: Minimum: 159mV RMS (-16dBV) Nominal: 495mV RMS (-6.1dBV)
Max Input Level: 15.8V RMS (+24dBV)

Main RCA Outputs
Nominal Output Level: 1V RMS (0dBV)
Maximum Output: 2.9V RMS (9.2dBV)

Mono Outputs
Nominal Line Level Output: 1V RMS (0dBV)
Maximum Line Level Output: 2.9V RMS (9.2dBV)

Nominal Mic Level Output: 32mV RMS (-30dBV)
Maximum Mic Level Output: 99mV RMS (-20.8dBV)

Headphone Outputs
Power Output: 30mW Stereo @ 32 Ohm

Distortion
THD: 0.01% (22Hz – 22KHz @ Nominal Volume)

Noise
S/N: >80dB

Misc.
Batteries: 2 x AA (Alkaline)
Typical battery Life: About 15 Hours
DC In Requirements: 4.5VDC (regulated), 500mA minimum.
Barrel plug: 4mm O.D. and 1.74mm I.D., center positive.

Dimensions: 7.2” x 4” x 2.1” (L x W x H) (182.4 x 102.3 x 53 mm)
Weight: 2.3 lbs (1.03 kg)

Compatible Galaxy Audio AC Adapter: JIB/UA4.5-14

Specifications subject to change without notice.