General Description

There is a major evolution going on in the DJ world. Technology and DJ preference is shifting away from turntables and CD players and toward digital music files organized and controlled by the PC. The Serato / Rane partnership combines world class DJ software, sound card and mixer technology, providing a complete DJ system. Digital files virtually eliminate the need to carry vinyl or CDs to the gig. Heavy, invaluable music stays safe and sound(less) at home. The user is able to record special events and performances or convert old vinyl to digital files.

The MP4 provides the convenience of playing digital music directly from your computer while still supporting traditional analog inputs for total flexibility. The MP 4 is the

perfect mobile DJ product, providing superior software and a one-box hardware solution using a single USB cable connected to a PC.

The MP 4 allows the user to simultaneously:
¤ Play digital files
¤ Play analog sources
¤ Record a stereo source and cue another source (digital or analog) using the built-in headphone cueing system.

Ground isolation is provided between the mixer and the PC, removing a major obstacle to good quality PC sound.

The MP 4 integrates analog and digital sources, allowing the easy digital recording of analog inputs not available on software-only solutions.

Applications

- Mobile DJ
- Night Club mixing
- Radio Remote Broadcasting
- Remix Project Studio
- Post Production
- Anywhere rack space is a premium, mobility is a must and Rane quality is demanded.

PC Requirements for bundled Scratch LIVE software

Mac: G4-500 / OS X 10.2.8 / 128MB RAM (or) **PC**: P3-700 / Windows XP / 128MB RAM

Functions and Features

The MP 4 is a two-bus mixer with two stereo Line/Phono inputs, two stereo USB digital audio inputs and one stereo digital audio output to USB. The record channel may be assigned to A-bus, B-bus, Master Mix or Microphone.

The custom Serato application provides many of the features of the Scratch LIVE application minus control code processing (control vinyl and CDs are not used). The MP 4 supports bit depths of 24-bit or 16-bit and sample rates of 44.1 kHz or 48.0 kHz. The default setting is 16-bit, 44.1 kHz. The MP 4 supports standard ASIO driver format when the Serato application is not running. This allows the mixer to look like a generic soundcard and work with a wide variety of software applications. The MP 4 is always self-powered from the internal universal switching power supply using IEC 320-C6 inlet and cord.
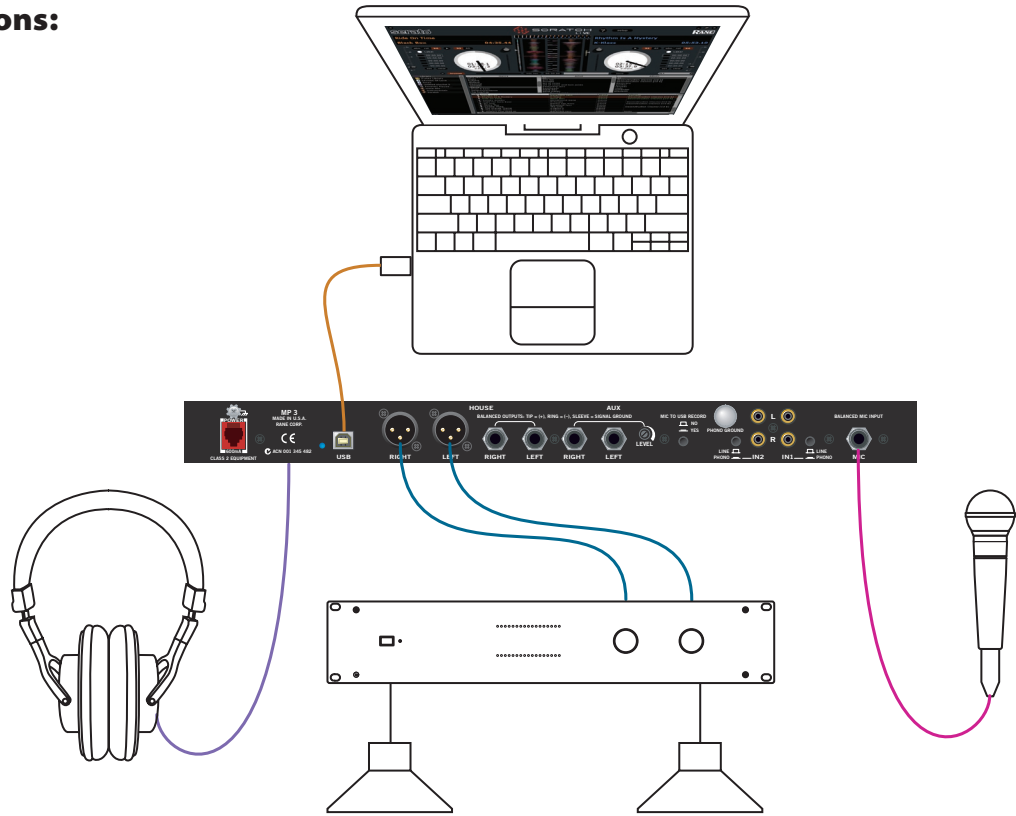
Hardware Features

- Play one or two stereo 24-bit 48 kHz USB audio channels
- Record one stereo 24-bit 48 kHz audio channel
- A-bus, B-bus, Master Mix or Mic USB Record source selection
- Built-in USB ground isolation
- High performance VCA Active Crossfader
- Compact & Mobile single rackspace (1U) design
- Cue USB or Analog sources with a high-quality headphone amplifier
- Separate EQ and meter on each bus
- Two selectable phono/line stereo analog inputs
- Auxiliary output with level control
- XLR and ¼" TRS Main outputs
- Internal universal switching power supply

Scratch LIVE Software Features

- Runs natively on Windows XP and Mac OS X
- Supported Play File formats: Fixed and Variable Bit Rate MP3, AIFF, WAV, CD Audio
- Full iTunes integration (Windows and Mac)
- Play tracks direct from CD and CD-ROM
- Browse music collection by Artist, Album, BPM or Genre, with optional album art display
- Digital "crates" for quick access to your favorite collections
- Record from A-bus, B-bus, Master Mix or Mic Input (to WAV or AIFF file formats)
- Instant full text search of ID3 tags, matches partial search terms; Edit ID3 tags with full Unicode support
- Full track overview showing current play point
- Variable zoom waveforms centered around current position
- Waveform coloring to distinguish different musical features
- Visual markers can be set at important cue points
- Large elapsed time and time remaining displays
- Beat display emphasizes transients in tracks to visually assist with beat matching
- Tempo display assists with rapid tempo matching of tracks
- Adjustable gain per song file
- Latency can be adjusted to match CPU power
- Assign the same track to A & B channels simultaneously
- Single key song loading. Single key deck swapping
- Drag and drop importing of tracks, no preprocessing required
- Add whole directories of music files on the fly: tags are read in background, no interruptions
- Seamless Looping
- Jump to marker
- Improved pitch slider from original Scratch LIVE
- "TAP" speed adjust controller [pitch bending]
- Record source select
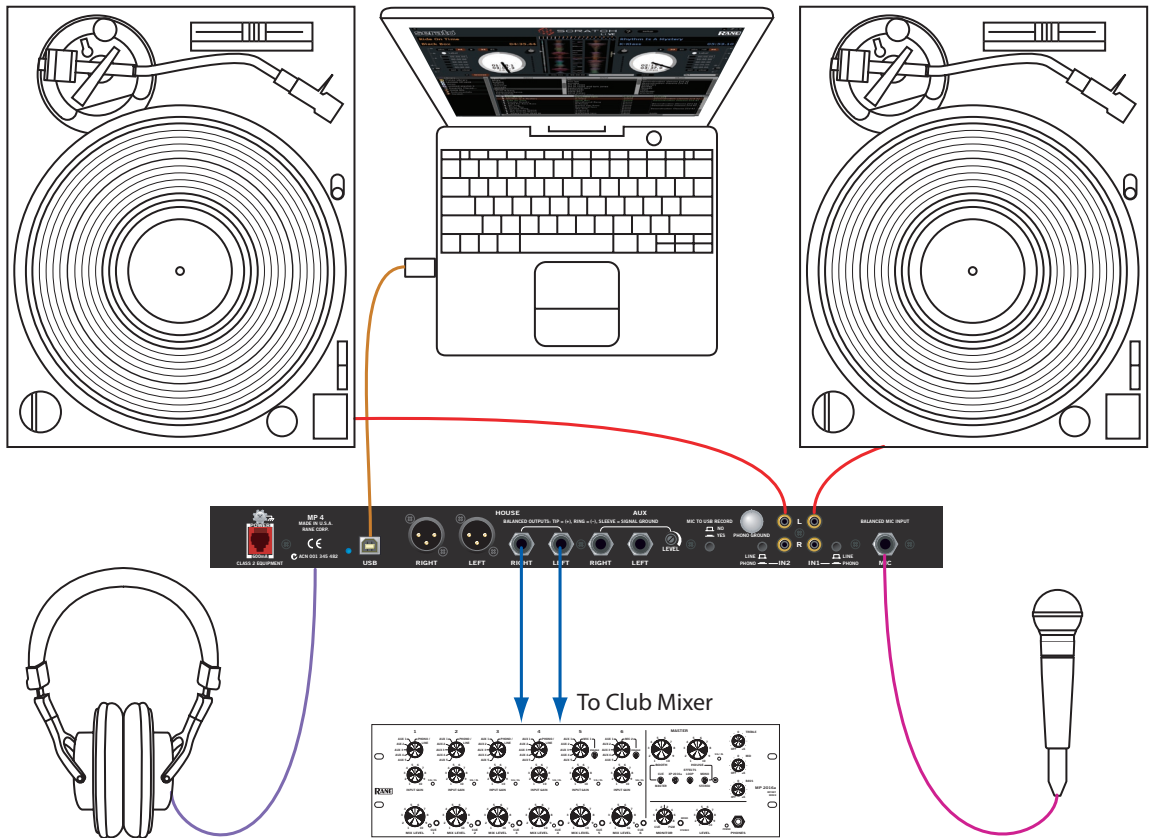- Auto play crate (sequential or shuffle)

RANE

Mobile Applications:

Record main mix

Record mic

Play digital files

Club Applications:

Record main mix

Record mic

Record vinyl

Play digital files

Mix Digital and Analog

Adds to existing Club Mixer
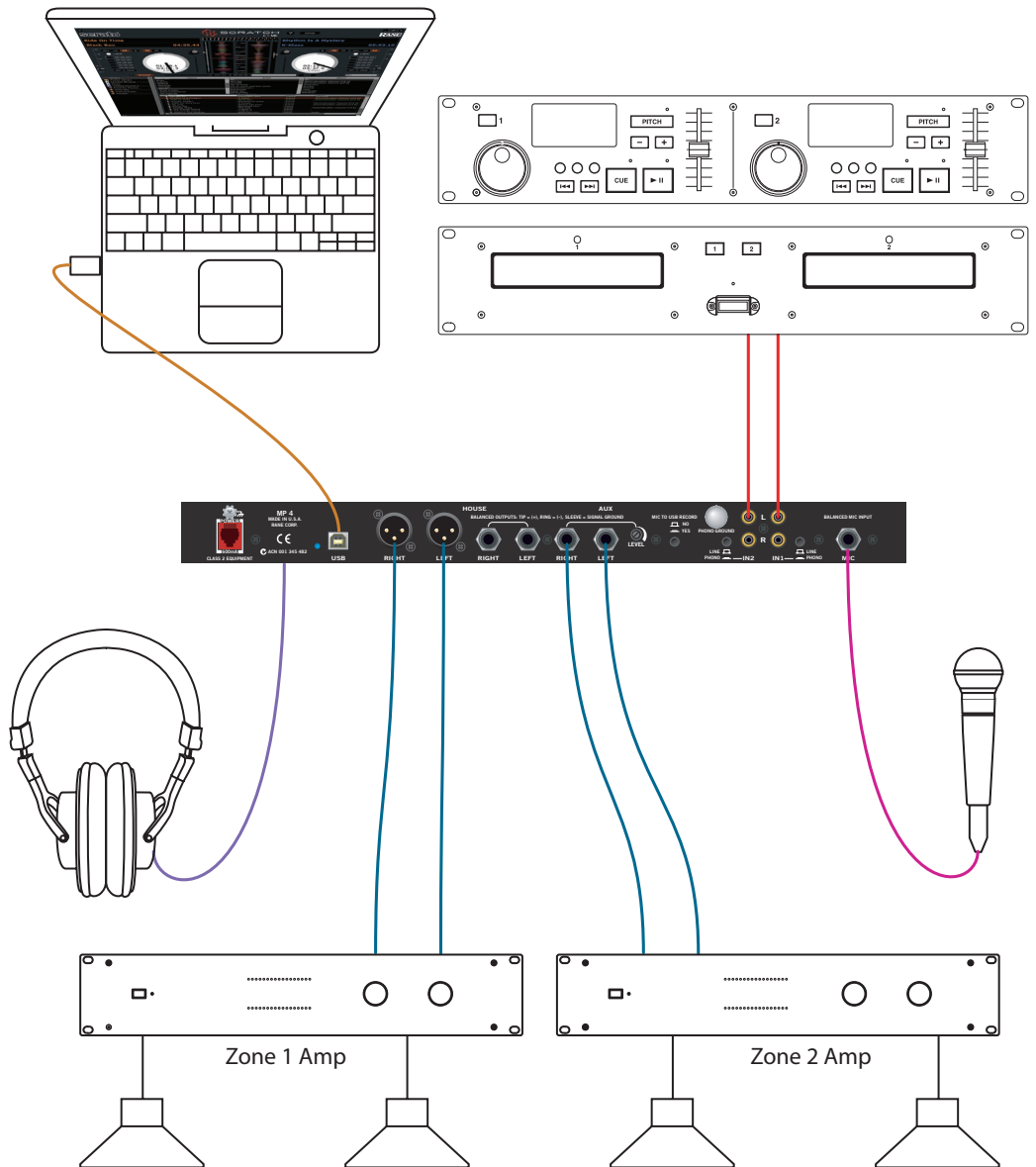
To Club Mixer

Data Sheet-3

RANE

Club Applications:

Record main mix

Record mic

Record from CDs

Play digital files

Mix Digital and Analog

Drive two listening zones

Play two stereo sources

Record one stereo source

Zone 1 Amp

Zone 2 Amp

Rear Panel

All features & specifications subject to change without notice. DOC 108xxx